

**Flood Control Project Maintenance  
Levee Inspections**

**Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2020**

**Reclamation District No. 1001 Nicolaus**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Yankee Slough	Right	4.12	03/30/2020 03/30/2020	Sterling York

LM Start		Rating **	A	Issue No.	1
LM End		Issue Type +	Ma	Location *	N/A
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Emergency Supplies & Equipment			o	o
DWR ID	DWR_RD1001_01_s_2012_1				
Comment Code					
Inspector Comment					
The LMA has flood fight supplies on hand at their district office.					

No Photos

LM Start		Rating **	A	Issue No.	2
LM End		Issue Type +	Ma	Location *	N/A
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Flood Preparedness & Training			o	o
DWR ID	DWR_RD1001_01_s_2012_2				
Comment Code					
Inspector Comment					
The LMA participates in the flood fight class put on by RD784 and DWR annually.					

No Photos

LM Start		Rating **	A	Issue No.	3
LM End		Issue Type +	Ma	Location *	N/A
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Operations & Maintenance Manuals			o	o
DWR ID	DWR_RD1001_01_s_2012_3				
Comment Code					
Inspector Comment					
The LMA has a copy of the O&M manuals at the district office.					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Yankee Slough	Right	4.12	03/30/2020 03/30/2020	Sterling York

LM Start	<b>0.01</b>	Rating **	A	Issue No.	<b>10</b>
LM End	<b>4.10</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.980182 °	38.970514 °	
			-121.470263 °	-121.534444 °	
DWR ID	DWR_RD1001_01_s_2020_10				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
The annual vegetation is well maintained, Spring 2020.					

Photo 1 of 1 : SP\_2020\_RD1001\_36\_10\_20200406\_00017.jpg



View looking upstream landside at the well maintained annual vegetation, Spring 2020.

LM Start	<b>0.01</b>	Rating **	A	Issue No.	<b>11</b>
LM End	<b>4.10</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.980182 °	38.970514 °	
			-121.470263 °	-121.534444 °	
DWR ID	DWR_RD1001_01_s_2020_11				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
The annual vegetation is well maintained, Spring 2020.					

Photo 1 of 1 : SP\_2020\_RD1001\_36\_11\_20200406\_00016.jpg



View looking upstream waterside at the well maintained annual vegetation, Spring 2020.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Yankee Slough	Right	4.12	03/30/2020 03/30/2020	Sterling York

LM Start	<b>0.73</b>	Rating **	A/W	Issue No.	<b>9 (cont)</b>
LM End	<b>0.75</b>	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2017 Storm Damage			38.975046 °	38.975038 °
				-121.480938 °	-121.481151 °
DWR ID	LMA-15				

Photo 3 of 3 : LEVAL\_SP\_2020\_135\_303.jpg



LM Start	<b>3.76</b>	Rating **	A/W	Issue No.	<b>12</b>
LM End	<b>3.76</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.966371 °	38.966371 °
				-121.532315 °	-121.532315 °
DWR ID	DWR_RD1001_01_s_2020_12				
Comment Code					
V4 : Elderberries are blocking visibility and flood fight capability.					
Inspector Comment					

No Photos

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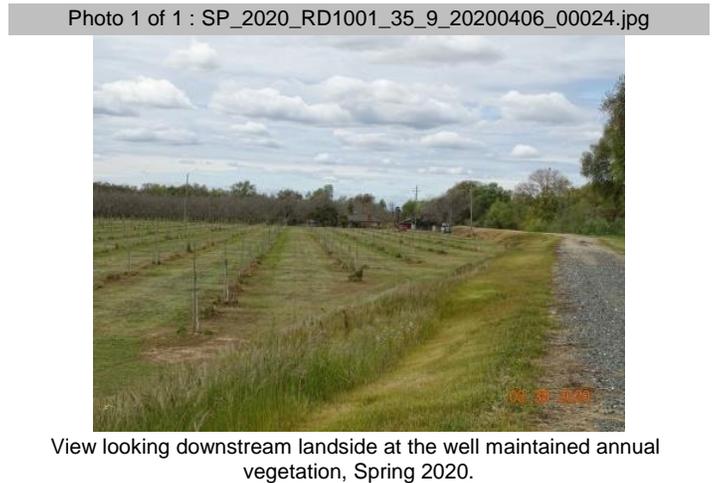
**Flood Control Project Maintenance  
Levee Inspections**

**Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2020**

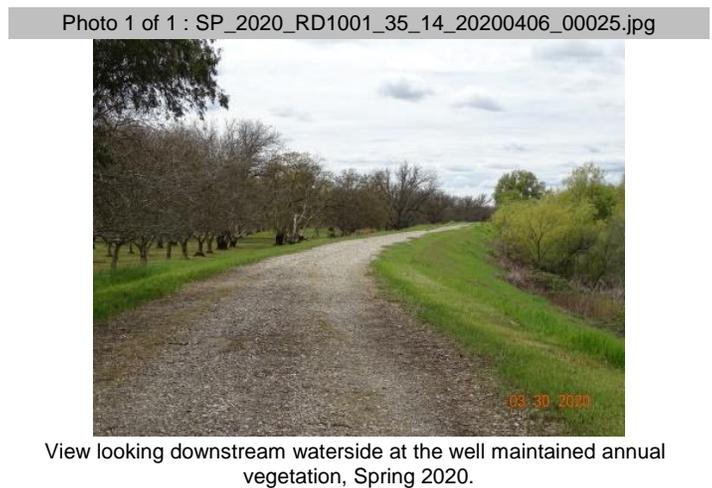
**Reclamation District No. 1001 Nicolaus**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yankee Slough	Left	3.65	03/30/2020 03/30/2020	Sterling York

LM Start	<b>0.01</b>	Rating **	A	Issue No.	<b>9</b>
LM End	<b>3.62</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.971342 °	38.965658 °	
			-121.473997 °	-121.533276 °	
DWR ID	DWR_RD1001_02_s_2020_9				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
The annual vegetation is well maintained, Spring 2020.					



LM Start	<b>0.01</b>	Rating **	A	Issue No.	<b>14</b>
LM End	<b>3.62</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.971342 °	38.965658 °	
			-121.473997 °	-121.533276 °	
DWR ID	DWR_RD1001_02_s_2020_14				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
The annual vegetation is well maintained, Spring 2020.					



LM Start	<b>1.33</b>	Rating **	M	Issue No.	<b>4</b>
LM End	<b>1.36</b>	Issue Type +	Ma	Location *	WS
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	2017 USACE Erosion Survey		38.969740 °	38.969640 °	
			-121.494327 °	-121.494829 °	
DWR ID	DWR_RD1001_02_f_2018_4				
Comment Code					
Inspector Comment					
2017 Site ID: YAS 1.7 L Status: Eroding 2017 Field Notes: No observed change. Site History: 2011 - New erosion site. Steep eroding slope. Fairly old scarp with vegetation growth.					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Reclamation District No. 1001 Nicolaus**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yankee Slough	Left	3.65	03/30/2020 03/30/2020	Sterling York

LM Start	<b>2.28</b>	Rating **	M	Issue No.	<b>55</b>
LM End	<b>2.28</b>	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.967403 °	38.967403 °
				-121.510953 °	-121.510953 °
DWR ID	22543				
Comment Code					
Inspector Comment					
DS_ID:22543 FS_ID:14008 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 05/23/2013 - slide gate in inlet pipe on landside - pits on pipe due to corrosion (P. Amatya - DWR UCIP) FIELD_STRUCT_DESC: 36-inch corrugated metal gravity drainage pipe through the levee, 15 feet below the crown. Flap gate and concrete U-shaped headwall at outfall on the waterside (WS) end. Slide gate at inlet on the landside (LS) end. (Reclamation District No. 1001). [Additional Reference(s): DWR Levee Log, 1993. USACE Sacramento O&M Manual 141.1, August 1955, (Station 67+75)]. FS Date: 5/23/2013					

Photo 1 of 3 : UCIP\_SP\_2020\_14008\_23108.jpg



WS- overview of waterside of the levee.

LM Start	<b>2.28</b>	Rating **	M	Issue No.	<b>55 (cont)</b>
LM End	<b>2.28</b>	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP\_SP\_2020\_14008\_23107.jpg



WS- outfall pipe with flap gate in concrete wing wall.

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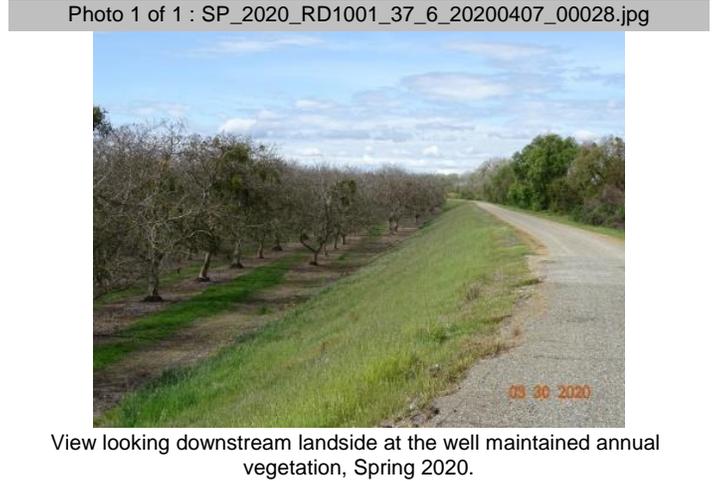
**Flood Control Project Maintenance  
Levee Inspections**

**Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2020**

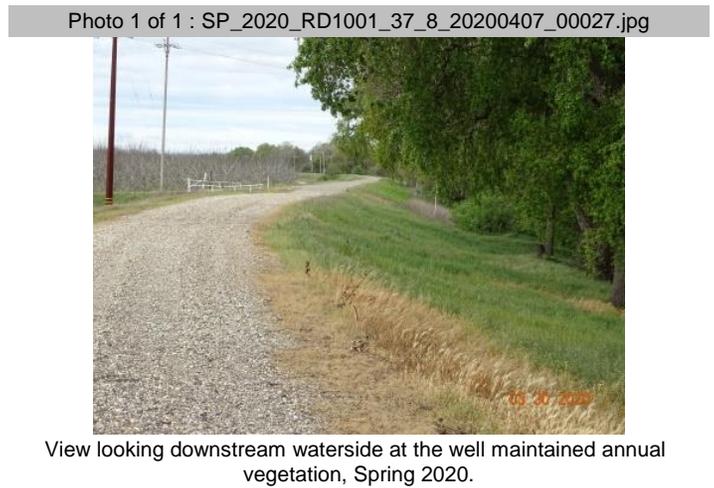
**Reclamation District No. 1001 Nicolaus**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Bear River	Left	12.58	03/30/2020 03/30/2020	Sterling York

LM Start	<b>0.01</b>	Rating **	A	Issue No.	<b>6</b>
LM End	<b>12.54</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		39.006578 °	38.941648 °	
			-121.375132 °	-121.567352 °	
DWR ID	DWR_RD1001_03_s_2020_6				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
The annual vegetation is well maintained, Spring 2020.					



LM Start	<b>0.01</b>	Rating **	A	Issue No.	<b>8</b>
LM End	<b>12.54</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		39.006578 °	38.941648 °	
			-121.375132 °	-121.567352 °	
DWR ID	DWR_RD1001_03_s_2020_8				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
The annual vegetation is well maintained, Spring 2020.					



<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable  N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Bear River	Left	12.58	03/30/2020 03/30/2020	Sterling York

LM Start	<b>2.59</b>	Rating **	M	Issue No.	<b>36</b>
LM End	<b>2.59</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Trim / Thin Trees		38.995583 °	38.995583 °	
			-121.417995 °	-121.417995 °	
DWR ID	DWR_RD1001_03_s_2015_36				
Comment Code					
T3 : Trim and thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comment					
Tree less than 4" in diameter should be removed, Spring 2020.					

Photo 1 of 1 : SP\_2020\_RD1001\_37\_36\_20200407\_00030.jpg



View of a small starter tree on landside slope looking downstream that is less than 4" in diameter, Spring 2020.

LM Start	<b>3.52</b>	Rating **	A/W	Issue No.	<b>906</b>
LM End	<b>3.52</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.991745 °	38.991745 °	
			-121.434398 °	-121.434398 °	
DWR ID	DWR_RD1001_03_s_2012_906				
Comment Code					
V4 : Elderberries are blocking visibility and flood fight capability.					
Inspector Comment					

No Photos

LM Start	<b>4.06</b>	Rating **	A/W	Issue No.	<b>24</b>
LM End	<b>4.06</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.991370 °	38.991370 °	
			-121.444351 °	-121.444351 °	
DWR ID	DWR_RD1001_03_f_2016_24				
Comment Code					
V4 : Elderberries are blocking visibility and flood fight capability.					
Inspector Comment					
Elderberries bushes have been trimmed up for access and visibility.					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Bear River	Left	12.58	03/30/2020 03/30/2020	Sterling York

LM Start	<b>4.65</b>	Rating **	A/W	Issue No.	<b>58</b>
LM End	<b>4.65</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.991551 °	38.991551 °	
			-121.455092 °	-121.455092 °	
DWR ID	DWR_RD1001_03_s_2012_58				
Comment Code					
V4 : Elderberries are blocking visibility and flood fight capability.					
Inspector Comment					
Elderberry bushes have been trimmed up for access and visibility.					

No Photos

LM Start	<b>4.82</b>	Rating **	A/W	Issue No.	<b>910</b>
LM End	<b>4.82</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.990773 °	38.990773 °	
			-121.458203 °	-121.458203 °	
DWR ID	DWR_RD1001_03_s_2012_910				
Comment Code					
V4 : Elderberries are blocking visibility and flood fight capability.					
Inspector Comment					
Elderberry bushes have been trimmed up for access and visibility.					

No Photos

LM Start	<b>6.51</b>	Rating **	M	Issue No.	<b>21</b>
LM End	<b>6.51</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Erosion / Bank Caving		38.983953 °	38.983953 °	
			-121.488081 °	-121.488081 °	
DWR ID	DWR_RD1001_03_s_2020_21				
Comment Code					
E2 : Schedule repair of erosion site prior to the next inspection.					
Inspector Comment					
Repair the erosion reel down the levee slope, Spring 2020.					

Photo 1 of 1 : SP\_2020\_RD1001\_37\_21\_20200408\_00041.jpg



View looking downstream landside at a washout running down the levee slope, Spring 2020.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	<b>N : Not Inspected/Rated</b> C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Bear River	Left	12.58	03/30/2020 03/30/2020	Sterling York

LM Start	<b>7.22</b>	Rating **	A/W	Issue No.	<b>13</b>
LM End	<b>7.31</b>	Issue Type +	Ma	Location *	WS
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	2017 USACE Erosion Survey		38.982737 °	38.982572 °	
			-121.501144 °	-121.502797 °	
DWR ID	DWR_RD1001_03_f_2018_13				
Comment Code					
Inspector Comment					
2017 Site ID: BER 5.7 L Status: Eroding 2017 Field Notes: Minor new erosion observed. Site History: 2008 - Sandy/silty banks with rotational slab failures creating near vertical bank with pop-outs due to tree failures. Narrow berm.					

Photo 1 of 1 : SP\_2020\_RD1001\_37\_13\_20200227\_00009.jpg



USACE 2013 Photo #1

LM Start	<b>9.31</b>	Rating **	A/W	Issue No.	<b>44</b>
LM End	<b>9.31</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.970576 °	38.970576 °	
			-121.533334 °	-121.533334 °	
DWR ID	DWR_RD1001_03_f_2016_44				
Comment Code					
V4 : Elderberries are blocking visibility and flood fight capability.					
Inspector Comment					
Elderberry bushes have been trimmed up for access and visibility.					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Bear River	Left	12.58	03/30/2020 03/30/2020	Sterling York

LM Start	<b>10.36</b>	Rating **	A/W	Issue No.	<b>12</b>
LM End	<b>10.40</b>	Issue Type +	Ma	Location *	WS
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	2017 USACE Erosion Survey		38.964583 °	38.964010 °	
			-121.544967 °	-121.545228 °	
DWR ID	DWR_RD1001_03_f_2018_12				
Comment Code					
Inspector Comment					
2017 Site ID: BER 2.5 L Status: Eroding 2017 Field Notes: Erosion pockets have expanded Site History: 2011 - Large section of bank has slumped off. RD has flagged and appears to be watching. 2012 - Slopes slightly steeper. 2013 - Minor new erosion observed.					

Photo 1 of 1 : SP\_2020\_RD1001\_37\_12\_20200227\_00008.jpg



USACE 2013 Photo #1

LM Start	<b>11.08</b>	Rating **	A/W	Issue No.	<b>10</b>
LM End	<b>11.16</b>	Issue Type +	Ma	Location *	WS
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	2017 USACE Erosion Survey		38.955070 °	38.954227 °	
			-121.549528 °	-121.550592 °	
DWR ID	DWR_RD1001_03_f_2018_10				
Comment Code					
Inspector Comment					
2017 Site ID: BER 1.9 L Status: Eroding 2017 Field Notes: Minor new erosion observed. Site History: 2011 - Large slumped sections of bank. 2012 - Slopes slightly steeper.					

Photo 1 of 1 : SP\_2020\_RD1001\_37\_10\_20200227\_00006.jpg



USACE 2013 Photo #1

LM Start	<b>11.23</b>	Rating **	A/W	Issue No.	<b>22</b>
LM End	<b>11.26</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.953367 °	38.953025 °	
			-121.551428 °	-121.551808 °	
DWR ID	DWR_RD1001_03_s_2012_22				
Comment Code					
V4 : Elderberries are blocking visibility and flood fight capability.					
Inspector Comment					
Bushes have been trimmed for access and viability.					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	<b>N : Not Inspected/Rated</b> C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Reclamation District No. 1001 Nicolaus**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Feather River	Left	13.27	03/27/2020 03/27/2020	Sterling York

LM Start	<b>0.01</b>	Rating **	A	Issue No.	<b>58</b>
LM End	<b>13.27</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.940950 °	38.781209 °	
			-121.567646 °	-121.605554 °	
DWR ID	DWR_RD1001_04_s_2020_58				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
The annual vegetation is well maintained, Spring 2020.					

Photo 1 of 1 : SP\_2020\_RD1001\_38\_58\_20200406\_00069.jpg



View looking upstream landside at the well maintained annual vegetation, Spring 2020.

LM Start	<b>0.01</b>	Rating **	A	Issue No.	<b>59</b>
LM End	<b>13.27</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.940950 °	38.781209 °	
			-121.567646 °	-121.605553 °	
DWR ID	DWR_RD1001_04_s_2020_59				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
The annual vegetation is well maintained, Spring 2020.					

Photo 1 of 1 : SP\_2020\_RD1001\_38\_59\_20200406\_00070.jpg



View looking upstream waterside at the well maintained annual vegetation, Spring 2020.

LM Start	<b>0.55</b>	Rating **	M	Issue No.	<b>68</b>
LM End	<b>0.55</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Slope Stability		38.933299 °	38.933299 °	
			-121.567069 °	-121.567069 °	
DWR ID	DWR_RD1001_04_s_2016_68				
Comment Code					
S3 : Repair the levee slope damaged by vehicle traffic and prevent access where possible.					
Inspector Comment					
Repair slope damage caused by ATV.					

Photo 1 of 1 : SP\_2020\_RD1001\_38\_68\_20200227\_00025.jpg



View of ruts caused by vehicle on the landside levee slope.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	<b>+ Issue Type</b> 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 - Spring 2020**

**Reclamation District No. 1001 Nicolaus**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Feather River	Left	13.27	03/27/2020 03/27/2020	Sterling York

LM Start	<b>1.06</b>	Rating **	N	Issue No.	<b>69</b>
LM End	<b>1.06</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.926128 °	38.926128 °
				-121.568241 °	-121.568241 °
DWR ID	DWR_RD1001_04_s_2016_69				
Comment Code					
T5 : Tree stumps.					
Inspector Comment					
Remove stump from levee toe, Fall 2019.					

Photo 1 of 1 : SP\_2020\_RD1001\_38\_69\_20200227\_00026.jpg



View of landside toe of a stump that needs to be removed.

LM Start	<b>2.80</b>	Rating **	C	Issue No.	<b>47</b>
LM End	<b>2.80</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.903896 °	38.903896 °
				-121.580230 °	-121.580230 °
DWR ID	DWR_RD1001_04_s_2017_47				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					
Trim limbs 5' for visibility.					

No Photos

LM Start	<b>4.06</b>	Rating **	M	Issue No.	<b>62</b>
LM End	<b>4.06</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.892633 °	38.892633 °
				-121.597945 °	-121.597945 °
DWR ID	DWR_RD1001_04_s_2020_62				
Comment Code					
S3 : Repair the levee slope damaged by vehicle traffic and prevent access where possible.					
Inspector Comment					
Repair the damage caused by the vehicle driving up the levee slope, Spring 2020.					

Photo 1 of 1 : SP\_2020\_RD1001\_38\_62\_20200407\_00071.jpg



View looking at the landside levee from the toe at the vehicle tire tracks on the slope, Spring 2020.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	<b>N : Not Inspected/Rated</b> C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> 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 - Spring 2020**

**Reclamation District No. 1001 Nicolaus**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Feather River	Left	13.27	03/27/2020 03/27/2020	Sterling York

LM Start	<b>4.60</b>	Rating **	A/W	Issue No.	<b>33</b>
LM End	<b>4.65</b>	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2017 USACE Erosion Survey			38.889127 °	38.888603 °
				-121.606858 °	-121.607713 °
DWR ID	DWR_RD1001_04_f_2018_33				
Comment Code					
Inspector Comment					
2017 Site ID: FHR 7.7 L Status: Eroding New 2017 Field Notes: Erosion along bank appears to be due to rapid drawdown condition. Lower bank cobbles are unraveling. Tree popout at upstream end.					

No Photos

LM Start	<b>5.55</b>	Rating **	A/W	Issue No.	<b>79</b>
LM End	<b>5.55</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.877256 °	38.877256 °
				-121.613073 °	-121.613073 °
DWR ID	DWR_RD1001_04_s_2016_79				
Comment Code					
V4 : Elderberries are blocking visibility and flood fight capability.					
Inspector Comment					

No Photos

LM Start	<b>5.61</b>	Rating **	A/W	Issue No.	<b>35</b>
LM End	<b>5.61</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.876390 °	38.876390 °
				-121.613476 °	-121.613476 °
DWR ID	LMA-19				
Comment Code					
E1 : Note and monitor erosion site.					
Inspector Comment					
This was a 2017 Storm Damage Site. Small erosion site that is not into levee prism. Site ID No:139 Site Designation:LMA-19					

Photo 1 of 3 : LEVAL\_SP\_2020\_139\_1148.jpg



<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	<b>N : Not Inspected/Rated</b> <b>C : Corrected</b> <b>A/W : Acceptable but Monitor &amp; Maintain</b>	<b>+ Issue Type</b> 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 - Spring 2020**

**Reclamation District No. 1001 Nicolaus**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Feather River	Left	13.27	03/27/2020 03/27/2020	Sterling York

LM Start	<b>6.57</b>	Rating **	A/W	Issue No.	<b>15</b>
LM End	<b>6.77</b>	Issue Type +	Ma	Location *	WS
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	2017 USACE Erosion Survey		38.863946 °	38.861558 °	
			-121.621388 °	-121.623316 °	
DWR ID	DWR_RD1001_04_f_2018_15				
Comment Code					
Inspector Comment					
2017 Site ID: FHR 5.8 L Status: Eroding 2017 Field Notes: slope is not stable enough to maintain vegetation growth, new erosion Site History: 2011 - Large slumped sections on the lower bank. 2012 - New cracks observed.					

Photo 1 of 1 : SP\_2020\_RD1001\_38\_15\_20200227\_00005.jpg



USACE 2013 Photo #1

LM Start	<b>7.08</b>	Rating **	A/W	Issue No.	<b>52</b>
LM End	<b>7.08</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.857574 °	38.857574 °	
			-121.626083 °	-121.626083 °	
DWR ID	DWR_RD1001_04_s_2017_52				
Comment Code					
V4 : Elderberries are blocking visibility and flood fight capability.					
Inspector Comment					
Elderberry bush has been trimmed for access and visibility.					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	<b>N : Not Inspected/Rated</b> C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> 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 - Spring 2020**

**Reclamation District No. 1001 Nicolaus**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Feather River	Left	13.27	03/27/2020 03/27/2020	Sterling York

LM Start	<b>7.47</b>	Rating **	A/W	Issue No.	<b>14</b>
LM End	<b>7.79</b>	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2017 USACE Erosion Survey			38.852394 °	38.848004 °
				-121.629231 °	-121.630873 °
DWR ID	DWR_RD1001_04_f_2018_14				
Comment Code					
Inspector Comment					
2017 Site ID: FHR 5.0 L Status: Critical 2017 Field Notes: Upgraded to critical, significant new erosion, entire bank slope is vertical with non cohesive soils. Site History: 2000 - Steep bank off berm with some slumps and fallen trees, continued erosion. 2002 - Site lengthened upstream and downstream due to vertical bank along most of the reach. 2010 - Site extended upstream. 2011 - Minimal new erosion. 2012 - Site extended on the upstream end, new tree pop-out, and bank erosion continues to worsen. 2013 - Minor new erosion at the toe and top of bank.					



LM Start	<b>7.60</b>	Rating **	A/W	Issue No.	<b>36</b>
LM End	<b>7.60</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Crown Surface / Depressions / Rutting			38.850521 °	38.850521 °
				-121.629423 °	-121.629423 °
DWR ID	DWR_RD1001_04_f_2015_36				
Comment Code					
C2 : Repair depressions or ruts in the crown or slope.					
Inspector Comment					
Ramp has vertical cut into the levee prism.					



<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> 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 - Spring 2020**

**Reclamation District No. 1001 Nicolaus**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Feather River	Left	13.27	03/27/2020 03/27/2020	Sterling York

LM Start	<b>8.59</b>	Rating **	A/W	Issue No.	<b>13</b>
LM End	<b>9.47</b>	Issue Type +	Ma	Location *	WS
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	2017 USACE Erosion Survey		38.836601 °	38.824642 °	
			-121.633701 °	-121.639534 °	
DWR ID	DWR_RD1001_04_f_2018_13				
Comment Code					
Inspector Comment					
2017 Site ID: FHR 3.8 L Status: Eroding 2017 Field Notes: New erosion along lower slope Site History: 2006 - Sandy, silty bank with intermittent pockets of erosion. Rotational failure and tree pop outs are most of the problem. Some upper slope fluvial erosion. 2010 - Site extended upstream. The lower Feather may benefit from a regional repair. 2011 - Site combined with 3.6. Minimal new erosion. 2013 - New erosion observed at bank toe. Trees on site now have exposed roots.					

Photo 1 of 1 : SP\_2020\_RD1001\_38\_13\_20200227\_00003.jpg



USACE 2013 Photo #1

LM Start	<b>8.65</b>	Rating **	A/W	Issue No.	<b>12</b>
LM End	<b>8.72</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.835766 °	38.834778 °	
			-121.633966 °	-121.634316 °	
DWR ID	DWR_RD1001_04_s_2012_12				
Comment Code					
V4 : Elderberries are blocking visibility and flood fight capability.					
Inspector Comment					
Elderberry bush has been trimmed for access and visibility.					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> 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 - Spring 2020**

**Reclamation District No. 1001 Nicolaus**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Feather River	Left	13.27	03/27/2020 03/27/2020	Sterling York

LM Start	<b>11.05</b>	Rating **	A/W	Issue No.	<b>22</b>
LM End	<b>11.11</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.802875 °	38.802000 °	
			-121.632862 °	-121.632763 °	
DWR ID	DWR_RD1001_04_s_2012_22				
Comment Code					
V4 : Elderberries are blocking visibility and flood fight capability.					
Inspector Comment					
Elderberry bush has been trimmed for access and visibility.					

No Photos

LM Start	<b>11.18</b>	Rating **	A/W	Issue No.	<b>10</b>
LM End	<b>11.37</b>	Issue Type +	Ma	Location *	WS
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	2017 USACE Erosion Survey		38.800920 °	38.798165 °	
			-121.633050 °	-121.631939 °	
DWR ID	DWR_RD1001_04_f_2018_10				
Comment Code					
Inspector Comment					
2017 Site ID: FHR 1.0 L Status: Eroding 2017 Field Notes: Significant new erosion along lower bank. Site History: 2000 - Site is relatively stable except for some toe erosion at the upstream end, recommend monitoring the upstream end. 2004 - Some new block failures (10ft deep) at the toe of the upstream end. 2007 - Some minor new slumping at the waterline. 2013 - Minor new erosion along the bank toe.					

Photo 1 of 1 : SP\_2020\_RD1001\_38\_10\_20200227\_00002.jpg



USACE 2013 Photo #1

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> 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 - Spring 2020**

**Reclamation District No. 1001 Nicolaus**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Feather River	Left	13.27	03/27/2020 03/27/2020	Sterling York

LM Start	<b>11.24</b>	Rating **	A/W	Issue No.	<b>23</b>
LM End	<b>11.24</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.800174 °	38.800174 °	
			-121.632227 °	-121.632227 °	
DWR ID	DWR_RD1001_04_s_2012_23				
Comment Code					
V4 : Elderberries are blocking visibility and flood fight capability.					
Inspector Comment					
Elderberry bush has been trimmed for access and visibility.					

No Photos

LM Start	<b>11.59</b>	Rating **	A/W	Issue No.	<b>9</b>
LM End	<b>11.75</b>	Issue Type +	Ma	Location *	WS
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	2017 USACE Erosion Survey		38.795455 °	38.793394 °	
			-121.629903 °	-121.628156 °	
DWR ID	DWR_RD1001_04_f_2018_9				
Comment Code					
Inspector Comment					
2017 Site ID: FHR 0.6 L Status: Eroding 2017 Field Notes: Further toe erosion, with sections of sand deposition. Site History: 1997- Deposits over top of cobble on the upper slope. 2000 - Old cobble site in poor shape; some toe retreat, but little change; steep bank. 2010 - Site extended upstream due to new toe erosion. 2012 - Minor new erosion at toe, new slumping, animals holes and cracks observed.					

Photo 1 of 1 : SP\_2020\_RD1001\_38\_9\_20200227\_00001.jpg



USACE 2013 Photo #1

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> 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 - Spring 2020**

**Reclamation District No. 1001 Nicolaus**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Feather River	Left	13.27	03/27/2020 03/27/2020	Sterling York

LM Start	<b>12.32</b>	Rating **	A/W	Issue No.	<b>24</b>
LM End	<b>12.41</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.787355 °	38.786507 °	
			-121.621165 °	-121.619837 °	
DWR ID	DWR_RD1001_04_s_2012_24				
Comment Code					
V4 : Elderberries are blocking visibility and flood fight capability.					
Inspector Comment					
Elderberry bush has been trimmed for access and visibility.					

No Photos

LM Start	<b>12.40</b>	Rating **	M	Issue No.	<b>25</b>
LM End	<b>12.40</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Trim / Thin Trees		38.786645 °	38.786645 °	
			-121.619934 °	-121.619934 °	
DWR ID	DWR_RD1001_04_s_2020_25				
Comment Code					
T3 : Trim and thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comment					
Remove fallen oak tree from levee slope, Spring 2020.					

Photo 1 of 1 : SP\_2020\_RD1001\_38\_25\_20200407\_00078.jpg



View looking upstream landside at a fallen oak tree on the levee slope, Spring 2020.

LM Start	<b>12.65</b>	Rating **	A/W	Issue No.	<b>26</b>
LM End	<b>13.14</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.784513 °	38.781862 °	
			-121.616045 °	-121.607855 °	
DWR ID	DWR_RD1001_04_s_2012_26				
Comment Code					
V4 : Elderberries are blocking visibility and flood fight capability.					
Inspector Comment					
Elderberry bush has been trimmed for access and visibility.					

No Photos

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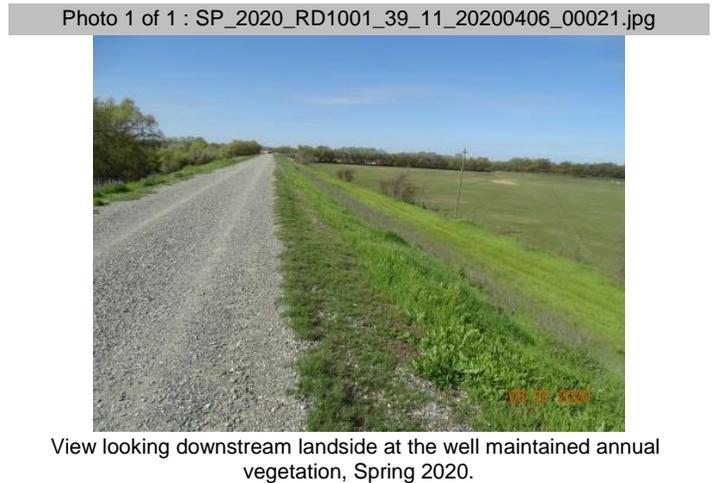
**Flood Control Project Maintenance  
Levee Inspections**

**Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2020**

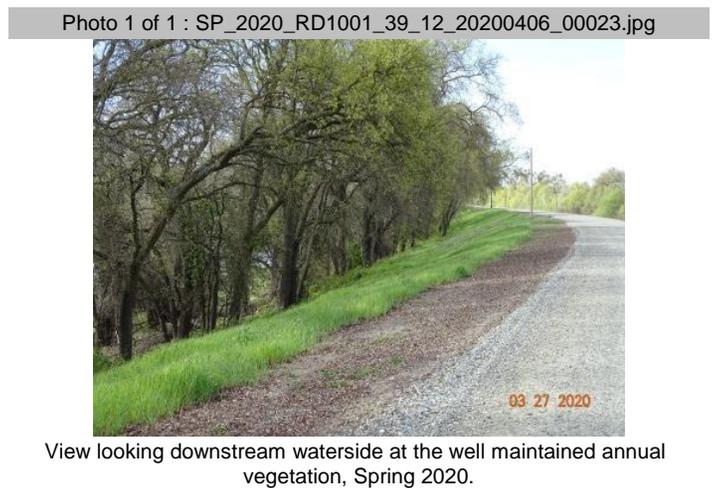
**Reclamation District No. 1001 Nicolaus**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Natomas Cross Canal	Right	5.39	03/27/2020 03/27/2020	Sterling York

LM Start	<b>0.00</b>	Rating **	A	Issue No.	<b>11</b>
LM End	<b>5.39</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.781246 °	38.831097 °	
			-121.605437 °	-121.529738 °	
DWR ID	DWR_RD1001_05_s_2020_11				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
The annual vegetation is well maintained, Spring 2020.					



LM Start	<b>0.00</b>	Rating **	A	Issue No.	<b>12</b>
LM End	<b>5.39</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.781246 °	38.831097 °	
			-121.605436 °	-121.529738 °	
DWR ID	DWR_RD1001_05_s_2020_12				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
The annual vegetation is well maintained, Spring 2020.					



LM Start	<b>1.78</b>	Rating **	M	Issue No.	<b>5</b>
LM End	<b>1.85</b>	Issue Type +	Ma	Location *	WS
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	2017 USACE Erosion Survey		38.799037 °	38.799733 °	
			-121.582706 °	-121.581585 °	
DWR ID	DWR_RD1001_05_f_2018_5				
Comment Code					
Inspector Comment					
2017 Site ID: NCC 1.9 L Status: Eroding New 2017 Field Notes: Erosion along mid bank and sections of slumped bank. Site History:					

No Photos

<b>* Location</b> LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	<b>+ Issue Type</b> 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 - Spring 2020**

**Reclamation District No. 1001 Nicolaus**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Natomas Cross Canal	Right	5.39	03/27/2020 03/27/2020	Sterling York

LM Start	<b>2.24</b>	Rating **	M	Issue No.	<b>6</b>
LM End	<b>2.34</b>	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2017 USACE Erosion Survey			38.803327 °	38.804206 °
				-121.575993 °	-121.574529 °
DWR ID	DWR_RD1001_05_f_2018_6				
Comment Code					
Inspector Comment					
2017 Site ID: NCC 2.4 R Status: Eroding 2017 Field Notes: Site renamed, previously mislabeled as NCC 3.0. Erosion along mid bank slope. Site History: 2006 - Noted old saturation slumping of upper levee slope that is into the levee core (near high water line). 2011 - Erosion is into the top of the levee. This site is actually located at LM 2.4. 2016 - Site extended downstream. Slumping of entire middle levee section.					

No Photos

LM Start	<b>2.68</b>	Rating **	M	Issue No.	<b>9</b>
LM End	<b>3.13</b>	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2017 USACE Erosion Survey			38.807180 °	38.811122 °
				-121.569523 °	-121.562873 °
DWR ID	DWR_RD1001_05_f_2018_9				
Comment Code					
Inspector Comment					
2017 Site ID: NCC 2.9 R Status: Eroding New 2017 Field Notes: Hummocky levee face, slumping upper bank. Site History: 2016 - Slumping of upper bank slope.					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> 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 - Spring 2020**

**Reclamation District No. 1001 Nicolaus**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Natomas Cross Canal	Right	5.39	03/27/2020 03/27/2020	Sterling York

LM Start	<b>5.05</b>	Rating **	M	Issue No.	<b>8</b>
LM End	<b>5.06</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Erosion / Bank Caving		38.828100 °	38.828188 °	
			-121.534740 °	-121.534625 °	
DWR ID	RD 1001-03				
Comment Code					
E2 : Schedule repair of erosion site prior to the next inspection.					
Inspector Comment					
This was a 2017 Storm Damage Site. Site ID No:493 Site Designation:RD 1001-03					

Photo 1 of 3 : LEVAL\_SP\_2020\_493\_1759.jpg



LM Start	<b>5.05</b>	Rating **	M	Issue No.	<b>8 (cont)</b>
LM End	<b>5.06</b>	Issue Type +	Ma	Location *	WS

Photo 2 of 3 : LEVAL\_SP\_2020\_493\_1762.jpg



LM Start	<b>5.05</b>	Rating **	M	Issue No.	<b>8 (cont)</b>
LM End	<b>5.06</b>	Issue Type +	Ma	Location *	WS

Photo 3 of 3 : LEVAL\_SP\_2020\_493\_1763.jpg



<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> 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 - Spring 2020**

**Reclamation District No. 1001 Nicolaus**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Canal	Right	4.74	03/26/2020 03/26/2020	Sterling York

LM Start	<b>0.01</b>	Rating **	A	Issue No.	<b>25</b>
LM End	<b>4.73</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.831197°	38.896350°	
			-121.529559°	-121.520369°	
DWR ID	DWR_RD1001_06_s_2020_25				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
The annual vegetation is well maintained, Spring 2020.					

Photo 1 of 1 : SP\_2020\_RD1001\_40\_25\_20200406\_00054.jpg



View looking downstream waterside at the well maintained annual vegetation, Spring 2020.

LM Start	<b>0.01</b>	Rating **	A	Issue No.	<b>23</b>
LM End	<b>4.73</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.831197°	38.896350°	
			-121.529558°	-121.520369°	
DWR ID	DWR_RD1001_06_s_2020_23				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
The annual vegetation is well maintained, Spring 2020.					

Photo 1 of 1 : SP\_2020\_RD1001\_40\_23\_20200406\_00053.jpg



View looking downstream landside at the well maintained annual vegetation, Spring 2020.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> 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 - Spring 2020**

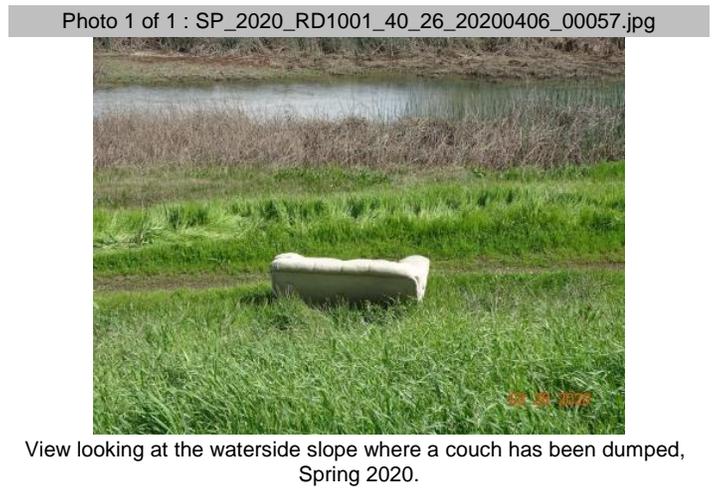
**Reclamation District No. 1001 Nicolaus**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Canal	Right	4.74	03/26/2020 03/26/2020	Sterling York

LM Start	<b>2.05</b>	Rating **	M	Issue No.	<b>8</b>
LM End	<b>2.05</b>	Issue Type +	Ma	Location *	CR
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Crown Surface / Depressions / Rutting		38.860002 °	38.860002 °	
			-121.524873 °	-121.524873 °	
DWR ID	DWR_RD1001_06_s_2012_8				
Comment Code					
C2 : Repair depressions or ruts in the crown or slope.					
Inspector Comment					
There are depressions on the crown where there is cross traffic. Fix low area, Spring 2020.					



LM Start	<b>2.56</b>	Rating **	M	Issue No.	<b>26</b>
LM End	<b>2.56</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.867278 °	38.867278 °	
			-121.524843 °	-121.524843 °	
DWR ID	DWR_RD1001_06_s_2020_26				
Comment Code					
DE : Debris					
Inspector Comment					



<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	<b>N : Not Inspected/Rated</b> C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> 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 - Spring 2020**

**Reclamation District No. 1001 Nicolaus**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Canal	Right	4.74	03/26/2020 03/26/2020	Sterling York

LM Start	<b>4.04</b>	Rating **	A/W	Issue No.	<b>7</b>
LM End	<b>4.04</b>	Issue Type +	Ma	Location *	CR
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Crown Surface / Depressions / Rutting		38.888803 °	38.888803 °	
			-121.524738 °	-121.524738 °	
DWR ID	DWR_RD1001_06_s_2012_7				
Comment Code					
C2 : Repair depressions or ruts in the crown or slope.					
Inspector Comment					
There are depressions on the crown where there is cross traffic. Monitor this area and fix as needed.					

Photo 1 of 1 : SP\_2020\_RD1001\_40\_7\_20200227\_00002.jpg



View of crown where there is cross traffic looking upstream. Monitor this area and fix as needed.

LM Start	<b>4.33</b>	Rating **	A/W	Issue No.	<b>19</b>
LM End	<b>4.33</b>	Issue Type +	Ma	Location *	CR
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Crown Surface / Depressions / Rutting		38.892999 °	38.892999 °	
			-121.524711 °	-121.524711 °	
DWR ID	DWR_RD1001_06_f_2013_19				
Comment Code					
C2 : Repair depressions or ruts in the crown or slope.					
Inspector Comment					
There are depressions on the crown where there is cross traffic. Monitor this area and fix as needed.					

Photo 1 of 1 : SP\_2020\_RD1001\_40\_19\_20200227\_00006.jpg



View of crown where there is cross traffic looking upstream. Monitor this area and fix as needed.

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