

**Flood Control Project Maintenance  
Levee Inspections**

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

**Reclamation District No. 2103 Wheatland Vicinity**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 South Dry Creek	Left	4.64	10/28/2019 10/28/2019	Sterling York

LM Start	<b>0.00</b>	Rating **	A	Issue No.	<b>2</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	N/A
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Flood Preparedness & Training			°	°
				°	°
DWR ID	DWR_RD2103_01_s_2012_2				
Comment Code					
Inspector Comment					
LMA regularly attends flood fight training put on by RD784 and DWR.					

No Photos

LM Start	<b>0.00</b>	Rating **	A	Issue No.	<b>5</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	N/A
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Operations & Maintenance Manuals			°	°
				°	°
DWR ID	DWR_RD2103_01_s_2013_5				
Comment Code					
Inspector Comment					
The LMA has a copy of the manual.					

No Photos

LM Start	<b>0.00</b>	Rating **	A	Issue No.	<b>6</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	N/A
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Emergency Supplies & Equipment			°	°
				°	°
DWR ID	DWR_RD2103_01_s_2013_6				
Comment Code					
Inspector Comment					
LMA stated that they have approx. 2500 sandbags and related flood fight material located in a mini storage in downtown Wheatland.					

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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Unit No. 01 South Dry Creek	Left	4.64	10/28/2019 10/28/2019	Sterling York

LM Start	0.02	Rating **	A	Issue No.	19
LM End	3.32	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			39.019652 °	39.032921 °
				-121.453446 °	-121.401024 °
DWR ID	DWR_RD2103_01_f_2019_19				
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\_RD2103\_10\_19\_20191030\_00041.jpg



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

LM Start	0.02	Rating **	A	Issue No.	20
LM End	3.32	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			39.019652 °	39.032882 °
				-121.453446 °	-121.401100 °
DWR ID	DWR_RD2103_01_f_2019_20				
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\_RD2103\_10\_20\_20191030\_00042.jpg



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

LM Start	0.06	Rating **	C	Issue No.	18
LM End	0.06	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			39.020173 °	39.020173 °
				-121.453003 °	-121.453003 °
DWR ID	DWR_RD2103_01_s_2019_18				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					
Rodent holes have been backfilled, Fall 2019.					

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	
		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain			

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Unit No. 01 South Dry Creek	Left	4.64	10/28/2019 10/28/2019	Sterling York

LM Start	0.20	Rating **	M	Issue No.	23
LM End	0.22	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			39.020856 °	39.020938 °
				-121.450629 °	-121.450237 °
DWR ID	DWR_RD2103_01_f_2015_23				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					
Rodent holes in the levee slope need to be backfilled.					

Photo 1 of 1 : FA\_2019\_RD2103\_10\_23\_20190904\_00004.jpg



View of squirrel holes on the landside looking downstream but no evidence of animal activity.

LM Start	0.82	Rating **	A/W	Issue No.	36	
LM End	0.82	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DRAFT DWR UCIP LMA Responsibility			39.024811 °		39.024811 °
				-121.440750 °		-121.440750 °
DWR ID	19471					
Comment Code						
Inspector Comment						
DS_ID:19471 FS_ID:38325 EP_NO: N/A Repair Type: No Action Needed Crossing Status: Found UCIP Comments: FIELD_STRUCT_DESC: 36-inch corrugated metal drainage pipe through the levee, 14.4 feet below the crown. Concrete headwall, flap-gate, and 3-foot by 6-foot concrete splash apron located on the waterside (WS) toe. Outfall drain from old Grasshopper Slough. [Additional Reference(s): DWR Levee Logs, 2005. USACE Sacramento O&M Manual Unit No. 146, November 1962, (HLM 0.83)] FS Date: 3/20/2014						

Photo 1 of 3 : UCIP\_FA\_2019\_38325\_69869.jpg



View of CMP crossing located on landward side.

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Unit No. 01 South Dry Creek	Left	4.64	10/28/2019 10/28/2019	Sterling York

LM Start	0.82	Rating **	A/W	Issue No.	36 (cont)	
LM End	0.82	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DRAFT DWR UCIP LMA Responsibility			39.024811 °		39.024811 °
				-121.440750 °		-121.440750 °
DWR ID	19471					
Comment Code						
Inspector Comment						
DS_ID:19471 FS_ID:38325 EP_NO: N/A Repair Type: No Action Needed Crossing Status: Found UCIP Comments: FIELD_STRUCT_DESC: 36-inch corrugated metal drainage pipe through the levee, 14.4 feet below the crown. Concrete headwall, flap-gate, and 3-foot by 6-foot concrete splash apron located on the waterside (WS) toe. Outfall drain from old Grasshopper Slough. [Additional Reference(s): DWR Levee Logs, 2005. USACE Sacramento O&M Manual Unit No. 146, November 1962, (HLM 0.83)] FS Date: 3/20/2014						

LM Start	<b>0.82</b>	Rating **	A/W	Issue No.	<b>36 (cont)</b>
LM End	<b>0.82</b>	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP\_FA\_2019\_38325\_69868.jpg



Close up view of crossing from landward side.

Photo 3 of 3 : UCIP\_FA\_2019\_38325\_69873.jpg



View of levee crown at crossing.

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Unit No. 01 South Dry Creek	Left	4.64	10/28/2019 10/28/2019	Sterling York

LM Start	1.27	Rating **	N	Issue No.	26
LM End	1.27	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			39.027261 °	39.027261 °
				-121.433269 °	-121.433269 °
DWR ID	DWR_RD2103_01_s_2016_26				
Comment Code					
T5 : Tree stumps.					
Inspector Comment					
Stump needs to be removed from slope.					

Photo 1 of 1 : FA\_2019\_RD2103\_10\_26\_20190904\_00005.jpg



View of tree stump on landside levee slope, Fall 2016. It still exists as of Fall 2019.

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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Bear River	Right	4.88	10/28/2019 10/28/2019	Sterling York

LM Start	0.00	Rating **	A	Issue No.	12
LM End	4.83	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.993410 °	39.031167 °
				-121.437352 °	-121.367266 °
DWR ID	DWR_RD2103_02_f_2019_12				
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\_RD2103\_11\_12\_20191030\_00029.jpg



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

LM Start	0.00	Rating **	A	Issue No.	11
LM End	4.83	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.993410 °	39.031168 °
				-121.437352 °	-121.367268 °
DWR ID	DWR_RD2103_02_f_2019_11				
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\_RD2103\_11\_11\_20191030\_00028.jpg



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

LM Start	1.86	Rating **	M	Issue No.	14
LM End	1.86	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			39.001644 °	39.001644 °
				-121.405450 °	-121.405450 °
DWR ID	DWR_RD2103_02_s_2019_14				
Comment Code					
TR : Tree or limb					
Inspector Comment					
Remove downed tree from levee slope, Fall 2019.					

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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Unit No. 02 Bear River	Right	4.88	10/28/2019 10/28/2019	Sterling York

LM Start	2.44	Rating **	M	Issue No.	13
LM End	2.44	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			39.007394 °	39.007394 °
				-121.398112 °	-121.398112 °
DWR ID	DWR_RD2103_02_f_2019_13				
Comment Code					
TR : Tree or limb					
Inspector Comment					
Remove downed tree from levee slope, Fall 2019.					

Photo 1 of 1 : FA\_2019\_RD2103\_11\_13\_20191030\_00030.jpg



View looking upstream waterside at a downed tree on the levee slope.

LM Start	2.59	Rating **	M	Issue No.	24
LM End	2.59	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			39.009249 °	39.009249 °
				-121.397334 °	-121.397334 °
DWR ID	DWR_RD2103_02_s_2015_24				
Comment Code					
V4 : Elderberries are blocking visibility and flood fight capability.					
Inspector Comment					

No Photos

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WS : Water Side  
CR : Crown

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M : Minimally Acceptable        C : Corrected  
U : Unacceptable                  A/W : Acceptable but Monitor & Maintain

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