

**Flood Control Project Maintenance
Levee Inspections**
LMA District Cover Sheet
Spring 2016 Levee Inspection Results

Reclamation District No. 2103 Wheatland Vicinity

	Spring (March - May)	Summer ** (June - August)	Fall (September - November)	Winter ** (December - February)
* Overall LMA Rating (Fall Only)				

** 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

Spring 2016 Levee Inspection Results

Reclamation District No. 2103 Wheatland Vicinity

Waterway	Bank	Unit Miles
Unit No. 01 South Dry Creek	Left	4.64

	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)				
Date of Inspection	4/26/2016 - 4/26/2016			
DWR Inspector	Sterling York			
Accompanied By	Tom Engler RD 2103			
	Joe Conant RD 817			

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 - Spring 2016

Reclamation District No. 2103 Wheatland Vicinity

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 South Dry Creek	Left	4.64	04/26/2016 04/26/2016	Sterling York

LM Start	0.00	Rating **	A	Issue No.	2
LM End	0.00	Issue Type +	Ma	Location *	N/A
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Flood Preparedness & Training			o	o
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	0.00	Rating **	A	Issue No.	5
LM End	0.00	Issue Type +	Ma	Location *	N/A
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Operations & Maintenance Manuals			o	o
DWR ID	DWR_RD2103_01_s_2013_5				
Comment Code					
Inspector Comment					
The manuals are located at Tom Englers office.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	6
LM End	0.00	Issue Type +	Ma	Location *	N/A
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Emergency Supplies & Equipment			o	o
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

* 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 - Spring 2016

Reclamation District No. 2103 Wheatland Vicinity

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 South Dry Creek	Left	4.64	04/26/2016 04/26/2016	Sterling York

LM Start	0.00	Rating **	M	Issue No.	32
LM End	0.00	Issue Type +	En	Location *	N/A
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.998295 °	38.998295 °
				-121.415186 °	-121.415186 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:39966 DS_ID:24881 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: FIELD_STRUCT_DESC: Gas line through levee. Markers visible on both sides. FS Date: 3/4/2014					

No Photos

LM Start	0.01	Rating **	M	Issue No.	11
LM End	0.47	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			39.019849 °	39.021775 °
				-121.453871 °	-121.445642 °
DWR ID	DWR_RD2103_01_f_2013_11				
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 - Spring 2016

Reclamation District No. 2103 Wheatland Vicinity

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 South Dry Creek	Left	4.64	04/26/2016 04/26/2016	Sterling York

LM Start	0.01	Rating **	M	Issue No.	25
LM End	1.87	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		39.019799 °	39.029693 °	
			-121.453885 °	-121.423759 °	
DWR ID	DWR_RD2103_01_s_2016_25				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

LM Start	0.01	Rating **	M	Issue No.	17
LM End	1.87	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		39.019799 °	39.029694 °	
			-121.453885 °	-121.423759 °	
DWR ID	DWR_RD2103_01_s_2016_17				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

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					

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 - Spring 2016

Reclamation District No. 2103 Wheatland Vicinity

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 South Dry Creek	Left	4.64	04/26/2016 04/26/2016	Sterling York

LM Start	0.55	Rating **	M	Issue No.	37
LM End	0.55	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.022654 °	39.022654 °
				-121.444665 °	-121.444665 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:43823 DS_ID:19467 EP_NO: 16041 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Needs markers at levee crossing. FIELD_STRUCT_DESC: 2-inch steel communication conduit encasing telephone cable through the levee, 2-feet below the crown. Extends to junction box 10-feet from landward toe, parallel to railroad tracks. (Permit No. 16041-1993). FS Date: 3/18/2015					

Photo 1 of 1 : UCIP_SP_2016_43823_73340.jpg



Junction box visible on LS toe (at lower left of photo).

LM Start	0.56	Rating **	M	Issue No.	35
LM End	0.56	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.022665 °	39.022665 °
				-121.444688 °	-121.444688 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:39987 DS_ID:24879 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Need to contact owner to obtain depth of line through levee. Also need permit authorizing conduit through levee. FIELD_STRUCT_DESC: Conduit line through levee. Markers visible on both sides. FS Date: 3/4/2014					

Photo 1 of 2 : UCIP_SP_2016_39987_71885.jpg



View of landward side.

* 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 - Spring 2016

Reclamation District No. 2103 Wheatland Vicinity

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 South Dry Creek	Left	4.64	04/26/2016 04/26/2016	Sterling York

LM Start	0.56	Rating **	M	Issue No.	28 (cont)
LM End	0.56	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.022733 °	39.022733 °
				-121.444626 °	-121.444626 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:38323 DS_ID:19469 EP_NO: 2098 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Need to contact owner to determine status of crossing. Need date of last inspection and confirmation that crossing is still in operable condition. FIELD_STRUCT_DESC: 16-inch steel gas line through the levee, 3.0 feet below the crown. Marker on waterward slope. (Permit No. 2098-1955). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (HLM 0.56). FS Date: 3/20/2014					

Photo 2 of 2 : UCIP_SP_2016_38323_69859.jpg



Marker visible waterward side.

LM Start	0.62	Rating **	M	Issue No.	29
LM End	0.62	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.023513 °	39.023513 °
				-121.444168 °	-121.444168 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:38324 DS_ID:19470 EP_NO: 789 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Need to contact owner to determine status of crossing. Need date of last inspection and confirmation that crossing is still in operable condition. FIELD_STRUCT_DESC: 16-inch steel gas line through levee, 3.0 feet below the crown. Concrete inspection chamber (24x18-inch with 4-inch walls) on the waterward shoulder, covered with dirt. Gas line marker on landward slope. Extends underneath Dry Creek channel, covered with concrete slab approx. 18-inches wide. (Permit No. 789-1939). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (HLM 0.63). FS Date: 3/20/2014					

Photo 1 of 2 : UCIP_SP_2016_38324_69864.jpg



View of levee crown looking upstream.

* 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 - Spring 2016

Reclamation District No. 2103 Wheatland Vicinity

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 South Dry Creek	Left	4.64	04/26/2016 04/26/2016	Sterling York

LM Start	0.62	Rating **	M	Issue No.	29 (cont)
LM End	0.62	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
	Start		End		
Item	DWR UCIP Field Study			39.023513 °	39.023513 °
				-121.444168 °	-121.444168 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:38324 DS_ID:19470 EP_NO: 789 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Need to contact owner to determine status of crossing. Need date of last inspection and confirmation that crossing is still in operable condition. FIELD_STRUCT_DESC: 16-inch steel gas line through levee, 3.0 feet below the crown. Concrete inspection chamber (24x18-inch with 4-inch walls) on the waterward shoulder, covered with dirt. Gas line marker on landward slope. Extends underneath Dry Creek channel, covered with concrete slab approx. 18-inches wide. (Permit No. 789-1939). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (HLM 0.63). FS Date: 3/20/2014					

Photo 2 of 2 : UCIP_SP_2016_38324_69863.jpg



Contact information for gas pipeline.

LM Start	0.81	Rating **	M	Issue No.	36
LM End	0.81	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
	Start		End		
Item	DWR UCIP Field Study			39.024725 °	39.024725 °
				-121.440978 °	-121.440978 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:39988 DS_ID:24880 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: No marker found on waterward side--need to confirm with owner if crossing goes through levee. If so, need depth of crossing through levee. Also need to obtain permit number used to authorize crossing. FIELD_STRUCT_DESC: Conduit line through levee. Marker visible on landward side. FS Date: 3/4/2014					

Photo 1 of 2 : UCIP_SP_2016_39988_71890.jpg



Underground cable line marker visible on landward side toe.

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

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2016

Reclamation District No. 2103 Wheatland Vicinity

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 South Dry Creek	Left	4.64	04/26/2016 04/26/2016	Sterling York

LM Start	0.81	Rating **	M	Issue No.	36 (cont)
LM End	0.81	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.024725 °	39.024725 °
				-121.440978 °	-121.440978 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:39988 DS_ID:24880 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: No marker found on waterward side--need to confirm with owner if crossing goes through levee. If so, need depth of crossing through levee. Also need to obtain permit number used to authorize crossing. FIELD_STRUCT_DESC: Conduit line through levee. Marker visible on landward side. FS Date: 3/4/2014					

Photo 2 of 2 : UCIP_SP_2016_39988_71889.jpg



Marker is for underground cable line owned by Pacific Bell.

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					

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 - Spring 2016

Reclamation District No. 2103 Wheatland Vicinity

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 South Dry Creek	Left	4.64	04/26/2016 04/26/2016	Sterling York

LM Start	1.80	Rating **	M	Issue No.	31
LM End	1.80	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.029398 °	39.029398 °
				-121.424906 °	-121.424906 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:41183 DS_ID:19473 EP_NO: 1886 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Need to coordinate with owner. Severely corroded section of steel pipe present on waterward side--no other evidence present at this location. Owner will need to coordinate with CVFPB and DWR-Inspector to determine proper action to abandon crossing. FIELD_STRUCT_DESC: Abandoned 12-inch steel irrigation pipe through the levee, 3.1 feet below the crown. Siphon breaker on the waterward slope. Concrete standpipe at the landward toe. Vertical pump on waterward side. Open on waterward end. Permit includes gravel dam through channel of Dry Creek. (Permit No. 1886-1959). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (HLM 1.86). Crossing is angled 45 degrees. FS Date: 3/20/2014					

Photo 1 of 2 : UCIP_SP_2016_41183_69917.jpg



Overview of levee crown.

LM Start	1.80	Rating **	M	Issue No.	31 (cont)
LM End	1.80	Issue Type +	En	Location *	LS

Photo 2 of 2 : UCIP_SP_2016_41183_69916.jpg



View of waterward side.

* 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 - Spring 2016

Reclamation District No. 2103 Wheatland Vicinity

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 South Dry Creek	Left	4.64	04/26/2016 04/26/2016	Sterling York

LM Start	1.86	Rating **	M	Issue No.	30
LM End	1.86	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.029694 °	39.029694 °
				-121.423946 °	-121.423946 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:38327 DS_ID:19512 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Unable to determine if there is a crossing through pipe. Will need to coordinate with owner to determine additional information about appurtenances found on landward side. FIELD_STRUCT_DESC: Irrigation pump, service pole, and 36-inch concrete standpipe, 5 feet from the landward toe. No pump was found during field visit 3/20/14. FS Date: 3/20/2014					

Photo 1 of 2 : UCIP_SP_2016_38327_69881.jpg



View of landward side.

LM Start	1.86	Rating **	M	Issue No.	30 (cont)
LM End	1.86	Issue Type +	En	Location *	LS

Photo 2 of 2 : UCIP_SP_2016_38327_69880.jpg



View of waterward side.

* 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 - Spring 2016

Reclamation District No. 2103 Wheatland Vicinity

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 South Dry Creek	Left	4.64	04/26/2016 04/26/2016	Sterling York

LM Start	3.33	Rating **	M	Issue No.	21
LM End	3.53	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		39.032923 °	39.030269 °	
			-121.400838 °	-121.401014 °	
DWR ID	DWR_RD2103_01_s_2016_21				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

Photo 1 of 1 : SP_2016_RD2103_10_21_20160427_00038.jpg



View of vegetation on the landside slope looking upstream.

LM Start	3.33	Rating **	M	Issue No.	24
LM End	3.53	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		39.032923 °	39.030269 °	
			-121.400838 °	-121.401014 °	
DWR ID	DWR_RD2103_01_s_2016_24				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

Photo 1 of 1 : SP_2016_RD2103_10_24_20160427_00039.jpg



View of typical vegetation on waterside looking upstream.

* 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 - Spring 2016

Reclamation District No. 2103 Wheatland Vicinity

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 South Dry Creek	Left	4.64	04/26/2016 04/26/2016	Sterling York

LM Start	3.59	Rating **	U	Issue No.	38
LM End	3.59	Issue Type +	En	Location *	WS
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		39.033074 °	39.033074 °	
			-121.400434 °	-121.400434 °	
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:43954 DS_ID:19478 EP_NO: N/A Repair Type: Urgent Crossing Status: Found UCIP Comments: Flapgate open and won't close due to vegetation and soil blocking its operation. FIELD_STRUCT_DESC: 24-inch CM drainpipe through the levee, 12.0 feet below the crown. Flap gate at the waterward end. FS Date: 3/26/2015					

Photo 1 of 2 : UCIP_SP_2016_43954_73429.jpg



Flapgate at WS berm blocked by soil and vegetation bu8ildup.

LM Start	3.59	Rating **	U	Issue No.	38 (cont)
LM End	3.59	Issue Type +	En	Location *	WS

Photo 2 of 2 : UCIP_SP_2016_43954_73428.jpg



Location of pipe and Flapgate on WS berm.

* 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 - Spring 2016

Reclamation District No. 2103 Wheatland Vicinity

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 South Dry Creek	Left	4.64	04/26/2016 04/26/2016	Sterling York

LM Start	4.41	Rating **	M	Issue No.	8
LM End	4.49	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		39.041051 °	39.041810 °	
			-121.394931 °	-121.393951 °	
DWR ID	DWR_RD2103_01_f_2013_8				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					

Photo 1 of 1 : SP_2016_RD2103_10_8_20160307_00003.jpg



This photo was taken from the crown of the levee facing west looking at the vegetation on the waterward slope of the levee.

LM Start	4.52	Rating **	M	Issue No.	20
LM End	4.52	Issue Type +	En	Location *	CR
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		39.042220 °	39.042220 °	
			-121.393577 °	-121.393577 °	
DWR ID	DWR_RD2103_01_s_2015_20				
Comment Code					
FE : Fence					
Inspector Comment					

Photo 1 of 1 : SP_2016_RD2103_10_20_20160307_00005.jpg



View of the fence blocking access to the crown of the levee. View is from the crown facing upstream.

* 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

Spring 2016 Levee Inspection Results

Reclamation District No. 2103 Wheatland Vicinity

Waterway		Bank	Unit Miles
Unit No. 02 Bear River		Right	4.88

	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)				
Date of Inspection	4/26/2016 - 4/26/2016			
DWR Inspector	Sterling York			
Accompanied By	Tom Engler RD 2103			
	Joe Conant RD 817			

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 - Spring 2016

Reclamation District No. 2103 Wheatland Vicinity

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Bear River	Right	4.88	04/26/2016 04/26/2016	Sterling York

LM Start	0.02	Rating **	M	Issue No.	16
LM End	4.73	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.993534 °	39.030268 °	
			-121.436965 °	-121.368667 °	
DWR ID	DWR_RD2103_02_s_2016_16				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

Photo 1 of 1 : SP_2016_RD2103_11_16_20160427_00031.jpg



View of typical vegetation on the landside slope looking downstream.

LM Start	0.02	Rating **	M	Issue No.	17
LM End	4.73	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.993534 °	39.030268 °	
			-121.436964 °	-121.368667 °	
DWR ID	DWR_RD2103_02_s_2016_17				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

Photo 1 of 1 : SP_2016_RD2103_11_17_20160427_00032.jpg



View of typical vegetation on the waterside looking downstream.

LM Start	0.29	Rating **	A/W	Issue No.	4
LM End	0.50	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Riprap Revetments		38.994660 °	38.995537 °	
			-121.432170 °	-121.428535 °	
DWR ID	DWR_RD2103_02_s_2012_4				
Comment Code					
Inspector Comment					
The District has a concern with dead trees placed in the rip rap that may not stay in place during a high water event.					

Photo 1 of 2 : SP_2016_RD2103_11_4_20160307_00001.jpg



View of revetment with dead trees, Spring 2013.

* 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 - Spring 2016

Reclamation District No. 2103 Wheatland Vicinity

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Bear River	Right	4.88	04/26/2016 04/26/2016	Sterling York

LM Start	0.29	Rating **	A/W	Issue No.	4 (cont)
LM End	0.50	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Riprap Revetments		38.994660 °	38.995537 °	
			-121.432170 °	-121.428535 °	
DWR ID	DWR_RD2103_02_s_2012_4				
Comment Code					
Inspector Comment					
The District has a concern with dead trees placed in the rip rap that may not stay in place during a high water event.					

Photo 2 of 2 : SP_2016_RD2103_11_4_20160307_00002.jpg



Trees at waters edge in the rip rap levee mile 0.30.

LM Start	0.31	Rating **	A/W	Issue No.	3
LM End	0.48	Issue Type +	Ob	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.994756 °	38.995450 °	
			-121.431809 °	-121.428893 °	
DWR ID	DWR_RD2103_02_f_2013_3				
Comment Code					
V8 : Environmental Requirements.					
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 - Spring 2016

Reclamation District No. 2103 Wheatland Vicinity

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Bear River	Right	4.88	04/26/2016 04/26/2016	Sterling York

LM Start	1.26	Rating **	M	Issue No.	30
LM End	1.26	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.998301 °	38.998301 °
				-121.415182 °	-121.415182 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:39993 DS_ID:19486 EP_NO: 5714 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Need to contact owner to confirm crossing and determine status. FIELD_STRUCT_DESC: 12-inch steel sewer pipes through the levee, 3.1 feet below the crown. Siphon breaker in 24-inch CM pipe riser on the landward shoulder. Standard CM cutoff wall around pipe at centerline of levee. Extends from wastewater treatment plant on landward side to waste water lagoon on waterward side. Permit includes construction of lagoon with surrounding short levee, extending from/to project levee. (Permit No. 5714-1968). FS Date: 3/20/2014					

Photo 1 of 2 : UCIP_SP_2016_39993_69912.jpg



View of waterward side.

LM Start	1.26	Rating **	M	Issue No.	30 (cont)
LM End	1.26	Issue Type +	En	Location *	WS

Photo 2 of 2 : UCIP_SP_2016_39993_69911.jpg



CMP riser located on landward side.

* 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 - Spring 2016

Reclamation District No. 2103 Wheatland Vicinity

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Bear River	Right	4.88	04/26/2016 04/26/2016	Sterling York

LM Start	1.29	Rating **	M	Issue No.	31
LM End	1.29	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.998322 °	38.998322 °
				-121.414688 °	-121.414688 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:39994 DS_ID:19509 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Need to contact owner to determine details of the crossing through levee. FIELD_STRUCT_DESC: Wheatland Sewage Disposal Plant on waterward side, treatment plant on landward side. Service pole on waterward slope. FS Date: 3/20/2014					

Photo 1 of 2 : UCIP_SP_2016_39994_69905.jpg



View of waterward side.

LM Start	1.29	Rating **	M	Issue No.	31 (cont)
LM End	1.29	Issue Type +	En	Location *	WS

Photo 2 of 2 : UCIP_SP_2016_39994_69904.jpg



View of water treatment located on landward side, photo 1 of 3.

* 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 - Spring 2016

Reclamation District No. 2103 Wheatland Vicinity

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Bear River	Right	4.88	04/26/2016 04/26/2016	Sterling York

LM Start	1.73	Rating **	U	Issue No.	32
LM End	1.73	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.000226 °	39.000226 °
				-121.406865 °	-121.406865 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:40006 DS_ID:19462 EP_NO: 4148 Repair Type: Urgent Crossing Status: Not Found UCIP Comments: No indicators or markers found for this crossing. Need to contact owner to determine status of crossing. FIELD_STRUCT_DESC: *REMOVED* Temporary 8-inch diameter gas main through the levee, 3-feet below the levee crown. Cutoff wall around gas line at centerline of levee. Pipe extends across channel attached to hangers on the downstream side of the old highway bridge. (Permit No. 4148-1962). FS Date: 3/20/2014					

No Photos

LM Start	1.76	Rating **	M	Issue No.	33
LM End	1.76	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.000557 °	39.000557 °
				-121.406581 °	-121.406581 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:44089 DS_ID:25090 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: No permit identified for this crossing. FIELD_STRUCT_DESC: Fiberoptic line through the levee at unknown depth. Marker visible on WS shoulder. 6-inch steel pipe visible on upstream side of railroad trestle. FS Date: 3/26/2015					

Photo 1 of 2 : UCIP_SP_2016_44089_73568.jpg



Fiberoptic line marker on crown of 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 - Spring 2016

Reclamation District No. 2103 Wheatland Vicinity

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Bear River	Right	4.88	04/26/2016 04/26/2016	Sterling York

LM Start	1.76	Rating **	M	Issue No.	33 (cont)
LM End	1.76	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.000557 °	39.000557 °
				-121.406581 °	-121.406581 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:44089 DS_ID:25090 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: No permit identified for this crossing. FIELD_STRUCT_DESC: Fiberoptic line through the levee at unknown depth. Marker visible on WS shoulder. 6-inch steel pipe visible on upstream side of railroad trestle. FS Date: 3/26/2015					

Photo 2 of 2 : UCIP_SP_2016_44089_73567.jpg



6-inch steel conduit visible on upstream side of railroad bridge.

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

* 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 - Spring 2016

Reclamation District No. 2103 Wheatland Vicinity

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Bear River	Right	4.88	04/26/2016 04/26/2016	Sterling York

LM Start	2.60	Rating **	M	Issue No.	25
LM End	2.60	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.009394 °	39.009394 °
				-121.397300 °	-121.397300 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:40045 DS_ID:19488 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Pipe has been plugged--visible on landward side. Need to contact owner to obtain additional information about abandoned crossing. FIELD_STRUCT_DESC: 1 of 2: 30-inch diameter CM irrigation pipe through levee, 13.8 feet below crown. Slide gates in 42-diameter riser on waterward slope. Concrete "U" headwall at both levee toes. Grouted spillway on landward side. (USACE-1962). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (HLM 2.67). FS Date: 3/20/2014					

Photo 1 of 2 : UCIP_SP_2016_40045_71908.jpg



View of waterward shoulder.

LM Start	2.60	Rating **	M	Issue No.	25 (cont)
LM End	2.60	Issue Type +	En	Location *	LS

Photo 2 of 2 : UCIP_SP_2016_40045_71907.jpg



Slide gates visible located on landward side.

* 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 - Spring 2016

Reclamation District No. 2103 Wheatland Vicinity

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Bear River	Right	4.88	04/26/2016 04/26/2016	Sterling York

LM Start	2.60	Rating **	M	Issue No.	26
LM End	2.60	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.009408 °	39.009408 °
				-121.397296 °	-121.397296 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:40046 DS_ID:19504 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Need to contact owner to determine status--crossing appears to be modified. Need to contact owner to obtain additional information about modified crossing. FIELD_STRUCT_DESC: 2 of 2: 30-inch diameter CM irrigation pipe through levee, 13.8 feet below crown. Slide gates in 42-diameter riser on waterward slope. Concrete "U" headwall at both levee toes. Grouted spillway on landward side. (USACE-1962). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (HLM 2.67). FS Date: 3/20/2014					

Photo 1 of 2 : UCIP_SP_2016_40046_71915.jpg



View of waterward side.

LM Start	2.60	Rating **	M	Issue No.	26 (cont)
LM End	2.60	Issue Type +	En	Location *	LS

Photo 2 of 2 : UCIP_SP_2016_40046_71914.jpg



View of landward side.

* 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 - Spring 2016

Reclamation District No. 2103 Wheatland Vicinity

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Bear River	Right	4.88	04/26/2016 04/26/2016	Sterling York

LM Start	3.94	Rating **	M	Issue No.	34
LM End	3.94	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.022486 °	39.022486 °
				-121.379343 °	-121.379343 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:43957 DS_ID:19500 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Further evaluation necessary to determine alignment of crossing should be conducted. FIELD_STRUCT_DESC: 4-inch PVC water line through levee, 6-feet below the levee crown. Ball valve and Service connection point on LS shoulder. Pipe appears to run parallel to east, on LS slope just off crown but may cross at this location as well. An O+M entry matches the size and location for this crossing (O&M manual 1962, (HLM 4.05). FS Date: 3/26/2015					

Photo 1 of 2 : UCIP_SP_2016_43957_73435.jpg



Service connection and ball valve visible on LS shoulder.

LM Start	3.94	Rating **	M	Issue No.	34 (cont)
LM End	3.94	Issue Type +	En	Location *	LS

Photo 2 of 2 : UCIP_SP_2016_43957_73434.jpg



Service connection and ball valve visible on LS shoulder.

* 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 - Spring 2016

Reclamation District No. 2103 Wheatland Vicinity

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Bear River	Right	4.88	04/26/2016 04/26/2016	Sterling York

LM Start	3.95	Rating **	U	Issue No.	35
LM End	3.95	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.022556 °	39.022556 °
				-121.379210 °	-121.379210 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:43958 DS_ID:19492 EP_NO: N/A Repair Type: Urgent Crossing Status: Not Found UCIP Comments: No markers. Need to confirm line alignment and permit. Also need to contact owner to determine status of crossing. Need date of last inspection and confirmation that crossing is still in operable condition. FIELD_STRUCT_DESC: 8-inch steel gas line through the levee, 6.0 feet below the crown. (USACE-1962). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (HLM 4.05). FS Date: 3/26/2015					

No Photos

LM Start	4.53	Rating **	M	Issue No.	18
LM End	4.53	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			39.028565 °	39.028565 °
				-121.371704 °	-121.371704 °
DWR ID	DWR_RD2103_02_s_2016_18				
Comment Code					
PR : Prunings					
Inspector Comment					



* 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 - Spring 2016

Reclamation District No. 2103 Wheatland Vicinity

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Bear River	Right	4.88	04/26/2016 04/26/2016	Sterling York

LM Start	4.74	Rating **	M	Issue No.	28
LM End	4.74	Issue Type +	En	Location *	LS
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		39.030340 °	39.030340 °	
			-121.368535 °	-121.368535 °	
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:40049 DS_ID:19493 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Crossing has been modified---need to contact owner to obtain permit used for modification. FIELD_STRUCT_DESC: 24-inch corrugated metal irrigation pipe through levee, 10.6 feet below the crown. Slide gate in concrete square riser (not 36-inch CM riser as mentioned in desk study) on the waterward slope. Concrete "U" headwall and trash rack at waterward toe. 5x5-foot concrete distribution box and headwall at landward toe. (USACE-1962). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (HLM 4.87). FS Date: 3/20/2014					

Photo 1 of 2 : UCIP_SP_2016_40049_71928.jpg



Pipe visible on waterward side.

LM Start	4.74	Rating **	M	Issue No.	28 (cont)
LM End	4.74	Issue Type +	En	Location *	LS

Photo 2 of 2 : UCIP_SP_2016_40049_71926.jpg



Overview of waterward side.

* 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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