

**Flood Control Project Maintenance
Levee Inspections**

Fall 2015 Levee Maintenance Deficiency Summary Report

Overall LMA & Unit Ratings, including USACE Erosion Survey

Sacramento River Basin

RD2103	Overall LMA Rating	Total LMA Miles	* Overall LMA Threshold Percent is less than 10.00%; however, U Rated Miles are present, so the Overall LMA Rating is M instead of A.					
Reclamation District No. 2103 Wheatland Vicinity	M *	9.53						
Rated Item	Maintenance Deficiency				Enforcement		Design & System Obsolescence	
	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
<i>Earthen Levee</i>								
Vegetation	0.13		0.13	1.37%				
Encroachments					0.49	0.01		
Animal Control	0.02	0.01	0.06	0.63%				
Flood Preparedness & Training	0.10		0.10	1.05%				
<i>Supplemental</i>								
DWR UCIP Field Study					0.19	0.03		
<i>LMA Totals:</i>	0.25	0.01	0.29	3.04% *	0.68	0.04	0.00	0.00
Unit No. 01 South Dry Creek LB	Overall Unit Rating	Total Unit Miles	* Overall Unit Threshold Percent is less than 10.00%; however, U Rated Miles are present, so the Overall Unit Rating is M instead of A.					
RD2103	M *	4.64						
Rated Item	Maintenance Deficiency				Enforcement		Design & System Obsolescence	
	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
<i>Earthen Levee</i>								
Vegetation	0.08		0.08	1.72%				
Encroachments					0.48			
Animal Control	0.02	0.01	0.06	1.29%				
<i>Supplemental</i>								
DWR UCIP Field Study					0.10	0.01		
<i>Unit Totals:</i>	0.10	0.01	0.14	3.01% *	0.58	0.01	0.00	0.00
Unit No. 02 Bear River RB	Overall Unit Rating	Total Unit Miles						
RD2103	A	4.88						
Rated Item	Maintenance Deficiency				Enforcement		Design & System Obsolescence	
	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
<i>Earthen Levee</i>								
Vegetation	0.05		0.05	1.02%				
Encroachments					0.01	0.01		
<i>Supplemental</i>								
DWR UCIP Field Study					0.09	0.02		
<i>Unit Totals:</i>	0.05	0.00	0.05	1.02%	0.10	0.03	0.00	0.00

**Flood Control Project Maintenance
Levee Inspections**
LMA District Cover Sheet
Fall 2015 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)			M	

** Non-receipt of Summer or Winter Inspection Reports may effect overall annual rating.

* **SPRING INSPECTIONS:** Overall maintenance ratings are not determined for the spring inspection results. Individual maintenance deficiencies are rated using the same criteria in the spring and in the fall.

FALL INSPECTIONS: The overall maintenance rating shown above is based on operation and maintenance deficiencies identified within the attached unit inspection reports. This rating is not intended to be an indication of risk.

Comments

**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Fall 2015 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)			M	
Date of Inspection	05/27/2015 - 05/27/2015		11/16/2015 - 11/16/2015	
DWR Inspector	Michael Pitta		Jai Lor	
Accompanied By	Tom Engler		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 - Fall 2015

Reclamation District No. 2103 Wheatland Vicinity

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 South Dry Creek	Left	4.64	11/16/2015 11/16/2015	Jai Lor

LM Start	0.00	Rating **	M	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		°	°	°
DWR ID	DWR_RD2103_01_s_2012_2				
Action/Comments					
Inspector Comments: 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		°	°	°
DWR ID	DWR_RD2103_01_s_2013_5				
Action/Comments					
Inspector Comments: 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		°	°	°
DWR ID	DWR_RD2103_01_s_2013_6				
Action/Comments					
Inspector Comments: 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 - Fall 2015

Reclamation District No. 2103 Wheatland Vicinity

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 South Dry Creek	Left	4.64	11/16/2015 11/16/2015	Jai Lor

LM Start	0.54	Rating **	M	Issue No.	28
LM End	0.54	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.022513 °	39.022513 °
				-121.444813 °	-121.444813 °
DWR ID					

Photo 1 of 3 : UCIP_FA_2015_6582.jpg



Action/Comments

Inspector Comments: FS_ID:39985
 DS_ID:19468
 EP_NO: 3659
 FS_HLM: 0.561
 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. It appears this is the same line as the next entry however, permit calls for Southern Pacific Pipe Lines, Inc as the owner and the sign found in the field indicates Kinder Morgan as owner. Need to contact owner to clarify if 2 crossings exist or if crossing is same owner will need to update permit information.
 FIELD_STRUCT_DESC: 8-5/8-inch steel fuel line through the levee, 3.0 feet below the crown. Cutoff wall around pipe at centerline of levee. Pipe extends through overflow area. (Permit No. 3569-1961). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (HLM 0.55). Markers visible on both sides.
 FS Date: 03/20/2014

Marker visible on toe in between railroad tracks and highway (south).

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

Levee Inspection Report By Mile - Fall 2015

Reclamation District No. 2103 Wheatland Vicinity

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 South Dry Creek	Left	4.64	11/16/2015 11/16/2015	Jai Lor

LM Start	0.54	Rating **	M	Issue No.	28 (cont)
LM End	0.54	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.022513 °	39.022513 °
				-121.444813 °	-121.444813 °
DWR ID					

Photo 2 of 3 : UCIP_FA_2015_6583.jpg



Action/Comments

Inspector Comments: FS_ID:39985
 DS_ID:19468
 EP_NO: 3659
 FS_HLM: 0.561
 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. It appears this is the same line as the next entry however, permit calls for Southern Pacific Pipe Lines, Inc as the owner and the sign found in the field indicates Kinder Morgan as owner. Need to contact owner to clarify if 2 crossings exist or if crossing is same owner will need to update permit information.
 FIELD_STRUCT_DESC: 8-5/8-inch steel fuel line through the levee, 3.0 feet below the crown. Cutoff wall around pipe at centerline of levee. Pipe extends through overflow area. (Permit No. 3569-1961). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (HLM 0.55). Markers visible on both sides.
 FS Date: 03/20/2014

Marker visible on toe in between railroad tracks and highway (north).

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

Levee Inspection Report By Mile - Fall 2015

Reclamation District No. 2103 Wheatland Vicinity

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 South Dry Creek	Left	4.64	11/16/2015 11/16/2015	Jai Lor

LM Start	0.54	Rating **	M	Issue No.	28 (cont)
LM End	0.54	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
	Start		End		
Item	DWR UCIP Field Study			39.022513 °	39.022513 °
				-121.444813 °	-121.444813 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:39985 DS_ID:19468 EP_NO: 3659 FS_HLM: 0.561 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. It appears this is the same line as the next entry however, permit calls for Southern Pacific Pipe Lines, Inc as the owner and the sign found in the field indicates Kinder Morgan as owner. Need to contact owner to clarify if 2 crossings exist or if crossing is same owner will need to update permit information. FIELD_STRUCT_DESC: 8-5/8-inch steel fuel line through the levee, 3.0 feet below the crown. Cutoff wall around pipe at centerline of levee. Pipe extends through overflow area. (Permit No. 3569-1961). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (HLM 0.55). Markers visible on both sides. FS Date: 03/20/2014					

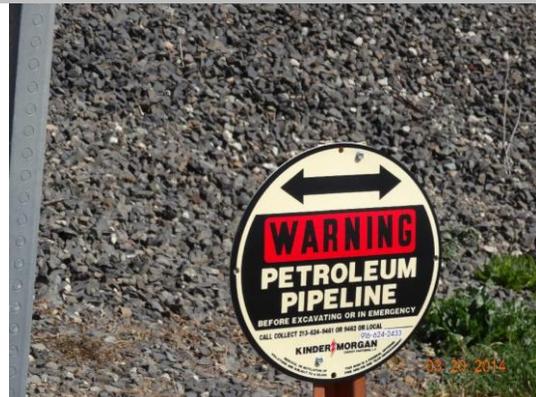
Photo 3 of 3 : UCIP_FA_2015_6584.jpg



Marker visible on toe in between railroad tracks and highway (south).

LM Start	0.54	Rating **	M	Issue No.	29
LM End	0.54	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
	Start		End		
Item	DWR UCIP Field Study			39.022514 °	39.022514 °
				-121.444814 °	-121.444814 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:39986 DS_ID:24878 EP_NO: N/A FS_HLM: 0.556 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: It appears this is the same line as the next entry however, permit calls for Southern Pacific Pipe Lines, Inc as the owner and the sign found in the field indicates Kinder Morgan as owner. Need to contact owner to clarify if 2 crossings exist or if crossing is same owner will need to update permit information. 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: Kinder Morgan line through levee. Markers visible on both banks. FS Date: 03/04/2014					

Photo 1 of 3 : UCIP_FA_2015_6309.jpg



Petroleum Pipeline owned by Kinder Morgan.

* 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 A/W : Acceptable but Monitor & Maintain
N/A : Not Applicable		Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Reclamation District No. 2103 Wheatland Vicinity

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 South Dry Creek	Left	4.64	11/16/2015 11/16/2015	Jai Lor

LM Start	0.54	Rating **	M	Issue No.	29 (cont)
LM End	0.54	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.022514 °	39.022514 °
				-121.444814 °	-121.444814 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:39986 DS_ID:24878 EP_NO: N/A FS_HLM: 0.556 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: It appears this is the same line as the next entry however, permit calls for Southern Pacific Pipe Lines, Inc as the owner and the sign found in the field indicates Kinder Morgan as owner. Need to contact owner to clarify if 2 crossings exist or if crossing is same owner will need to update permit information. 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: Kinder Morgan line through levee. Markers visible on both banks. FS Date: 03/04/2014					

Photo 2 of 3 : UCIP_FA_2015_6310.jpg



Markers visible on landward side.

Photo 3 of 3 : UCIP_FA_2015_6311.jpg



View of marker visible on waterward side (between HWY 65 and railroad).

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

Levee Inspection Report By Mile - Fall 2015

Reclamation District No. 2103 Wheatland Vicinity

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 South Dry Creek	Left	4.64	11/16/2015 11/16/2015	Jai Lor

LM Start	0.55	Rating **	M	Issue No.	30
LM End	0.55	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					
Action/Comments					
Inspector Comments: FS_ID:39987 DS_ID:24879 EP_NO: N/A FS_HLM: 0.574 Repair Type: Non-Urgent Crossing Status: Indicator Found					

Photo 1 of 3 : UCIP_FA_2015_6312.jpg



View of levee crown and waterward side.

LM Start	0.55	Rating **	M	Issue No.	30 (cont)
LM End	0.55	Issue Type +	En	Location *	LS

Photo 2 of 3 : UCIP_FA_2015_6313.jpg



View of landward side.

LM Start	0.55	Rating **	M	Issue No.	30 (cont)
LM End	0.55	Issue Type +	En	Location *	LS

Photo 3 of 3 : UCIP_FA_2015_6314.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 - Fall 2015

Reclamation District No. 2103 Wheatland Vicinity

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 South Dry Creek	Left	4.64	11/16/2015 11/16/2015	Jai Lor

LM Start	0.55	Rating **	M	Issue No.	31
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					
Action/Comments					
Inspector Comments: FS_ID:43823 DS_ID:19467 EP_NO: 16041 FS_HLM: 0.57 Repair Type: Non-Urgent Crossing Status: Indicator Found					

Photo 1 of 1 : UCIP_FA_2015_6032.jpg



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

LM Start	0.56	Rating **	M	Issue No.	32
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					
Action/Comments					
Inspector Comments: FS_ID:38323 DS_ID:19469 EP_NO: 2098 FS_HLM: 0.58 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: 03/20/2014					

Photo 1 of 3 : UCIP_FA_2015_6624.jpg



Contact information of owner.

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

Levee Inspection Report By Mile - Fall 2015

Reclamation District No. 2103 Wheatland Vicinity

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 South Dry Creek	Left	4.64	11/16/2015 11/16/2015	Jai Lor

LM Start	0.56	Rating **	M	Issue No.	32 (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					
Action/Comments					
Inspector Comments: FS_ID:38323 DS_ID:19469 EP_NO: 2098 FS_HLM: 0.58 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: 03/20/2014					

Photo 2 of 3 : UCIP_FA_2015_6625.jpg



Marker visible waterward side.

LM Start	0.56	Rating **	M	Issue No.	32 (cont)
LM End	0.56	Issue Type +	En	Location *	LS

Photo 3 of 3 : UCIP_FA_2015_6626.jpg



View of levee crown at crossing.

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

Levee Inspection Report By Mile - Fall 2015

Reclamation District No. 2103 Wheatland Vicinity

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 South Dry Creek	Left	4.64	11/16/2015 11/16/2015	Jai Lor

LM Start	0.62	Rating **	M	Issue No.	33
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					
Action/Comments					
Inspector Comments: FS_ID:38324 DS_ID:19470 EP_NO: 789 FS_HLM: 0.64 Repair Type: Non-Urgent Crossing Status: Indicator Found					

Photo 1 of 3 : UCIP_FA_2015_6627.jpg



Overview of gas marker visible on opposite bank.

LM Start	0.62	Rating **	M	Issue No.	33 (cont)
LM End	0.62	Issue Type +	En	Location *	LS

Photo 2 of 3 : UCIP_FA_2015_6628.jpg



Contact information for gas pipeline.

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

Levee Inspection Report By Mile - Fall 2015

Reclamation District No. 2103 Wheatland Vicinity

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 South Dry Creek	Left	4.64	11/16/2015 11/16/2015	Jai Lor

LM Start	0.62	Rating **	M	Issue No.	33 (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					
Action/Comments					
Inspector Comments: FS_ID:38324 DS_ID:19470 EP_NO: 789 FS_HLM: 0.64 Repair Type: Non-Urgent Crossing Status: Indicator Found					

Photo 3 of 3 : UCIP_FA_2015_6629.jpg



View of levee crown looking upstream.

LM Start	0.78	Rating **	C	Issue No.	26
LM End	0.78	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			39.024542 °	39.024542 °
				-121.441484 °	-121.441484 °
DWR ID	DWR_RD2103_01_s_2015_26				
Action/Comments					
Trim trees over roadway to at least 12 feet above ground level.					

No Photos

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

Levee Inspection Report By Mile - Fall 2015

Reclamation District No. 2103 Wheatland Vicinity

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 South Dry Creek	Left	4.64	11/16/2015 11/16/2015	Jai Lor

LM Start	0.81	Rating **	M	Issue No.	34
LM End	0.81	Issue Type +	En	Location *	CR
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.024725 °	39.024725 °
				-121.440978 °	-121.440978 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:39988 DS_ID:24880 EP_NO: N/A FS_HLM: 0.81 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: 03/04/2014					

Photo 1 of 3 : UCIP_FA_2015_6315.jpg



View of levee at crossing.

LM Start	0.81	Rating **	M	Issue No.	34 (cont)
LM End	0.81	Issue Type +	En	Location *	CR

Photo 2 of 3 : UCIP_FA_2015_6382.jpg



Marker is for underground cable line owned by Pacific Bell.

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

Levee Inspection Report By Mile - Fall 2015

Reclamation District No. 2103 Wheatland Vicinity

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 South Dry Creek	Left	4.64	11/16/2015 11/16/2015	Jai Lor

LM Start	0.81	Rating **	M	Issue No.	34 (cont)
LM End	0.81	Issue Type +	En	Location *	CR
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.024725 °	39.024725 °
				-121.440978 °	-121.440978 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:39988 DS_ID:24880 EP_NO: N/A FS_HLM: 0.81 Repair Type: Non-Urgent Crossing Status: Indicator Found					

Photo 3 of 3 : UCIP_FA_2015_6383.jpg



Underground cable line marker visible on landward side toe.

LM Start	1.80	Rating **	M	Issue No.	35
LM End	1.80	Issue Type +	En	Location *	CR
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.029398 °	39.029398 °
				-121.424906 °	-121.424906 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:41183 DS_ID:19473 EP_NO: 1886 FS_HLM: 1.853 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: 03/20/2014					

Photo 1 of 3 : UCIP_FA_2015_5242.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 - Fall 2015

Reclamation District No. 2103 Wheatland Vicinity

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 South Dry Creek	Left	4.64	11/16/2015 11/16/2015	Jai Lor

LM Start	1.80	Rating **	M	Issue No.	35 (cont)
LM End	1.80	Issue Type +	En	Location *	CR
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.029398 °	39.029398 °
				-121.424906 °	-121.424906 °
DWR ID					

Photo 2 of 3 : UCIP_FA_2015_5243.jpg



Action/Comments
 Inspector Comments: FS_ID:41183
 DS_ID:19473
 EP_NO: 1886
 FS_HLM: 1.853
 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: 03/20/2014

View of waterward side.

LM Start	1.80	Rating **	M	Issue No.	35 (cont)
LM End	1.80	Issue Type +	En	Location *	CR

Photo 3 of 3 : UCIP_FA_2015_5244.jpg



Overview of levee crown.

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

Levee Inspection Report By Mile - Fall 2015

Reclamation District No. 2103 Wheatland Vicinity

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 South Dry Creek	Left	4.64	11/16/2015 11/16/2015	Jai Lor

LM Start	1.86	Rating **	M	Issue No.	36
LM End	1.86	Issue Type +	En	Location *	CR
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.029694 °	39.029694 °
				-121.423946 °	-121.423946 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:38327 DS_ID:19512 EP_NO: N/A FS_HLM: 1.913 Repair Type: Non-Urgent Crossing Status: Indicator Found					

Photo 1 of 3 : UCIP_FA_2015_5189.jpg



No crossing visible on waterward side.

LM Start	1.86	Rating **	M	Issue No.	36 (cont)
LM End	1.86	Issue Type +	En	Location *	CR

Photo 2 of 3 : UCIP_FA_2015_5190.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 - Fall 2015

Reclamation District No. 2103 Wheatland Vicinity

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 South Dry Creek	Left	4.64	11/16/2015 11/16/2015	Jai Lor

LM Start	1.86	Rating **	M	Issue No.	36 (cont)
LM End	1.86	Issue Type +	En	Location *	CR
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.029694 °	39.029694 °
				-121.423946 °	-121.423946 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:38327 DS_ID:19512 EP_NO: N/A FS_HLM: 1.913 Repair Type: Non-Urgent Crossing Status: Indicator Found					

Photo 3 of 3 : UCIP_FA_2015_5191.jpg



View of landward side.

LM Start	2.63	Rating **	M	Issue No.	37
LM End	2.63	Issue Type +	En	Location *	CR
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.031590 °	39.031590 °
				-121.409870 °	-121.409870 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:38331 DS_ID:19477 EP_NO: N/A FS_HLM: 2.715 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Need to contact owner to determine status. FIELD_STRUCT_DESC: 8-inch steel irrigation pipe through the levee, 3.1 feet below the crown. Siphon breaker on the waterward slope. Pump on the landward side. Pipe crosses creek to orchard on north side (Permit No. 1887, 1954. (USACE-1962). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (HLM 2.68). FS Date: 03/20/2014					

Photo 1 of 3 : UCIP_FA_2015_5192.jpg



View of landward side.

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

Levee Inspection Report By Mile - Fall 2015

Reclamation District No. 2103 Wheatland Vicinity

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 South Dry Creek	Left	4.64	11/16/2015 11/16/2015	Jai Lor

LM Start	2.63	Rating **	M	Issue No.	37 (cont)
LM End	2.63	Issue Type +	En	Location *	CR
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.031590 °	39.031590 °
				-121.409870 °	-121.409870 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:38331 DS_ID:19477 EP_NO: N/A FS_HLM: 2.715 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Need to contact owner to determine status. FIELD_STRUCT_DESC: 8-inch steel irrigation pipe through the levee, 3.1 feet below the crown. Siphon breaker on the waterward slope. Pump on the landward side. Pipe crosses creek to orchard on north side (Permit No. 1887, 1954. (USACE-1962). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (HLM 2.68). FS Date: 03/20/2014					

Photo 2 of 3 : UCIP_FA_2015_5193.jpg



Crossing was not visible on waterward side.

Photo 3 of 3 : UCIP_FA_2015_5194.jpg



View of waterward side.

* 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 A/W : Acceptable but Monitor & Maintain
N/A : Not Applicable		Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Reclamation District No. 2103 Wheatland Vicinity

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 South Dry Creek	Left	4.64	11/16/2015 11/16/2015	Jai Lor

LM Start	3.59	Rating **	U	Issue No.	38
LM End	3.59	Issue Type +	En	Location *	CR
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.033074 °	39.033074 °
				-121.400434 °	-121.400434 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:43954 DS_ID:19478 EP_NO: N/A FS_HLM: 3.702 Repair Type: Urgent Crossing Status: Found					

Photo 1 of 3 : UCIP_FA_2015_5781.jpg



Pipe visible at LS toe.

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

Photo 2 of 3 : UCIP_FA_2015_5782.jpg



Location of pipe and Flapgate on WS berm.

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

Photo 3 of 3 : UCIP_FA_2015_5783.jpg



Flapgate at WS berm blocked by soil and vegetation buildup.

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

Levee Inspection Report By Mile - Fall 2015

Reclamation District No. 2103 Wheatland Vicinity

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 South Dry Creek	Left	4.64	11/16/2015 11/16/2015	Jai Lor

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				
Action/Comments					
Fence					

Photo 1 of 1 : FA_2015_RD2103_10_20_20151030_00004.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

Fall 2015 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)			A	
Date of Inspection	05/27/2015 - 05/27/2015		11/16/2015 - 11/16/2015	
DWR Inspector	Michael Pitta		Jai Lor	
Accompanied By	Tom Engler RD 2103		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 - Fall 2015

Reclamation District No. 2103 Wheatland Vicinity

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Bear River	Right	4.88	11/16/2015 11/16/2015	Jai Lor

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				
Action/Comments					
Inspector Comments: 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 : FA_2015_RD2103_11_4_20151030_00001.jpg



View of revetment with dead trees, Spring 2013.

LM Start	0.29	Rating **	A/W	Issue No.	4 (cont)
LM End	0.50	Issue Type +	Ma	Location *	WS

Photo 2 of 2 : FA_2015_RD2103_11_4_20151030_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				
Action/Comments					
Environmental Requirements.					

No Photos

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

Levee Inspection Report By Mile - Fall 2015

Reclamation District No. 2103 Wheatland Vicinity

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Bear River	Right	4.88	11/16/2015 11/16/2015	Jai Lor

LM Start	0.80	Rating **	C	Issue No.	22
LM End	0.80	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.997000 °	38.997000 °
				-121.423243 °	-121.423243 °
DWR ID	DWR_RD2103_02_s_2015_22				
Action/Comments					
Exterminate rodents and backfill and compact or grout burrows.					

No Photos

LM Start	1.26	Rating **	M	Issue No.	28
LM End	1.26	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.998301 °	38.998301 °
				-121.415296 °	-121.415296 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:39992 DS_ID:19484 EP_NO: 1613 FS_HLM: 1.3079 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. (Permit No. 1613-1951). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (HLM 1.30). FS Date: 03/20/2014					

Photo 1 of 2 : UCIP_FA_2015_5240.jpg



Marker visible 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 - Fall 2015

Reclamation District No. 2103 Wheatland Vicinity

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Bear River	Right	4.88	11/16/2015 11/16/2015	Jai Lor

LM Start	1.26	Rating **	M	Issue No.	29 (cont)
LM End	1.26	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
			Start	End	
Item	DWR UCIP Field Study			38.998301 °	38.998301 °
				-121.415182 °	-121.415182 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:39993 DS_ID:19486 EP_NO: 5714 FS_HLM: 1.3142 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: 03/20/2014					

Photo 2 of 2 : UCIP_FA_2015_5239.jpg



View of waterward side.

LM Start	1.29	Rating **	M	Issue No.	30
LM End	1.29	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
			Start	End	
Item	DWR UCIP Field Study			38.998322 °	38.998322 °
				-121.414688 °	-121.414688 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:39994 DS_ID:19509 EP_NO: N/A FS_HLM: 1.3414 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: 03/20/2014					

Photo 1 of 3 : UCIP_FA_2015_5195.jpg



View of water treatment located on landward side, photo 2 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 - Fall 2015

Reclamation District No. 2103 Wheatland Vicinity

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Bear River	Right	4.88	11/16/2015 11/16/2015	Jai Lor

LM Start	1.29	Rating **	M	Issue No.	30 (cont)
LM End	1.29	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.998322 °	38.998322 °
				-121.414688 °	-121.414688 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:39994 DS_ID:19509 EP_NO: N/A FS_HLM: 1.3414 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: 03/20/2014					

Photo 2 of 3 : UCIP_FA_2015_5196.jpg



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

Photo 3 of 3 : UCIP_FA_2015_5237.jpg



View of waterward side.

LM Start	1.29	Rating **	M	Issue No.	30 (cont)
LM End	1.29	Issue Type +	En	Location *	LS

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

Levee Inspection Report By Mile - Fall 2015

Reclamation District No. 2103 Wheatland Vicinity

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Bear River	Right	4.88	11/16/2015 11/16/2015	Jai Lor

LM Start	1.73	Rating **	U	Issue No.	31
LM End	1.73	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.000226 °	39.000226 °
				-121.406865 °	-121.406865 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:40006 DS_ID:19462 EP_NO: 4148 FS_HLM: 1.79 Repair Type: Urgent Crossing Status: Not Found					

No Photos

LM Start	1.76	Rating **	M	Issue No.	32
LM End	1.76	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.000557 °	39.000557 °
				-121.406581 °	-121.406581 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:44089 DS_ID:25090 EP_NO: N/A FS_HLM: 1.82 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: 03/26/2015					

Photo 1 of 3 : UCIP_FA_2015_5834.jpg



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

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

Levee Inspection Report By Mile - Fall 2015

Reclamation District No. 2103 Wheatland Vicinity

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Bear River	Right	4.88	11/16/2015 11/16/2015	Jai Lor

LM Start	1.76	Rating **	M	Issue No.	32 (cont)
LM End	1.76	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.000557 °	39.000557 °
				-121.406581 °	-121.406581 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:44089 DS_ID:25090 EP_NO: N/A FS_HLM: 1.82 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: 03/26/2015					

Photo 2 of 3 : UCIP_FA_2015_5835.jpg



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

LM Start	1.76	Rating **	M	Issue No.	32 (cont)
LM End	1.76	Issue Type +	En	Location *	LS

Photo 3 of 3 : UCIP_FA_2015_5836.jpg



Fiberoptic line marker on crown of levee

* 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 A/W : Acceptable but Monitor & Maintain
N/A : Not Applicable		Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Reclamation District No. 2103 Wheatland Vicinity

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Bear River	Right	4.88	11/16/2015 11/16/2015	Jai Lor

LM Start	2.04	Rating **	C	Issue No.	23
LM End	2.04	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			39.003268 °	39.003268 °
				-121.402917 °	-121.402917 °
DWR ID	DWR_RD2103_02_s_2015_23				
Action/Comments					
Trim trees over roadway to at least 12 feet above ground level.					

No Photos

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				
Action/Comments					
Elderberries are blocking visibility and flood fight capability.					

No Photos

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

Levee Inspection Report By Mile - Fall 2015

Reclamation District No. 2103 Wheatland Vicinity

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Bear River	Right	4.88	11/16/2015 11/16/2015	Jai Lor

LM Start	2.60	Rating **	M	Issue No.	33
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					

Action/Comments

Inspector Comments: FS_ID:40045
 DS_ID:19488
 EP_NO: N/A
 FS_HLM: 2.67
 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: 03/20/2014

LM Start	2.60	Rating **	M	Issue No.	33 (cont)
LM End	2.60	Issue Type +	En	Location *	LS

Photo 1 of 3 : UCIP_FA_2015_6386.jpg



Slide gates visible located on landward side.

Photo 2 of 3 : UCIP_FA_2015_6387.jpg



View of waterward shoulder.

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

Levee Inspection Report By Mile - Fall 2015

Reclamation District No. 2103 Wheatland Vicinity

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Bear River	Right	4.88	11/16/2015 11/16/2015	Jai Lor

LM Start	2.60	Rating **	M	Issue No.	33 (cont)
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					
Action/Comments					
Inspector Comments: FS_ID:40045 DS_ID:19488 EP_NO: N/A FS_HLM: 2.67 Repair Type: Non-Urgent Crossing Status: Found					

Photo 3 of 3 : UCIP_FA_2015_6388.jpg



View of waterward side.

LM Start	2.60	Rating **	M	Issue No.	34
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					
Action/Comments					
Inspector Comments: FS_ID:40046 DS_ID:19504 EP_NO: N/A FS_HLM: 2.671 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: 03/20/2014					

Photo 1 of 3 : UCIP_FA_2015_6389.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 - Fall 2015

Reclamation District No. 2103 Wheatland Vicinity

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Bear River	Right	4.88	11/16/2015 11/16/2015	Jai Lor

LM Start	2.60	Rating **	M	Issue No.	34 (cont)
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					

Action/Comments

Inspector Comments: FS_ID:40046
 DS_ID:19504
 EP_NO: N/A
 FS_HLM: 2.671
 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: 03/20/2014

LM Start	2.60	Rating **	M	Issue No.	34 (cont)
LM End	2.60	Issue Type +	En	Location *	LS

Photo 2 of 3 : UCIP_FA_2015_6390.jpg



View of waterward side.

Photo 3 of 3 : UCIP_FA_2015_6411.jpg



Concrete headwall visible on waterward side--white pipe attached to crossing at headwall.

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

Levee Inspection Report By Mile - Fall 2015

Reclamation District No. 2103 Wheatland Vicinity

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Bear River	Right	4.88	11/16/2015 11/16/2015	Jai Lor

LM Start	3.94	Rating **	M	Issue No.	35
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					
Action/Comments					
Inspector Comments: FS_ID:43957 DS_ID:19500 EP_NO: N/A FS_HLM: 4.041 Repair Type: Non-Urgent Crossing Status: Indicator Found					

Photo 1 of 2 : UCIP_FA_2015_5784.jpg



Service connection and ball valve visible on LS shoulder.

LM Start	3.94	Rating **	M	Issue No.	35 (cont)
LM End	3.94	Issue Type +	En	Location *	LS

Photo 2 of 2 : UCIP_FA_2015_5785.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 - Fall 2015

Reclamation District No. 2103 Wheatland Vicinity

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Bear River	Right	4.88	11/16/2015 11/16/2015	Jai Lor

LM Start	3.95	Rating **	M	Issue No.	36
LM End	3.95	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.022529 °	39.022529 °
DWR ID				-121.379286 °	-121.379286 °
Action/Comments					
Inspector Comments: FS_ID:40048 DS_ID:19510 EP_NO: N/A FS_HLM: 4.045 Repair Type: Non-Urgent Crossing Status: Found					

Photo 1 of 3 : UCIP_FA_2015_6412.jpg



Label on riser.

LM Start	3.95	Rating **	M	Issue No.	36 (cont)
LM End	3.95	Issue Type +	En	Location *	LS

Photo 2 of 3 : UCIP_FA_2015_6413.jpg



Riser located on landward slope.

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

Levee Inspection Report By Mile - Fall 2015

Reclamation District No. 2103 Wheatland Vicinity

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Bear River	Right	4.88	11/16/2015 11/16/2015	Jai Lor

LM Start	3.95	Rating **	M	Issue No.	36 (cont)
LM End	3.95	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.022529 °	39.022529 °
				-121.379286 °	-121.379286 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:40048 DS_ID:19510 EP_NO: N/A FS_HLM: 4.045 Repair Type: Non-Urgent Crossing Status: Found					

Photo 3 of 3 : UCIP_FA_2015_6414.jpg



View of waterward side.

LM Start	3.95	Rating **	U	Issue No.	37
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					
Action/Comments					
Inspector Comments: FS_ID:43958 DS_ID:19492 EP_NO: N/A FS_HLM: 4.05 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: 03/26/2015					

No Photos

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

Levee Inspection Report By Mile - Fall 2015

Reclamation District No. 2103 Wheatland Vicinity

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Bear River	Right	4.88	11/16/2015 11/16/2015	Jai Lor

LM Start	4.53	Rating **	M	Issue No.	21
LM End	4.53	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			39.028548 °	39.028548 °
				-121.371697 °	-121.371697 °
DWR ID	DWR_RD2103_02_f_2015_21				
Action/Comments					
Prunings					

Photo 1 of 1 : FA_2015_RD2103_11_21_20151117_00006.jpg



View of the pile of leaves on the landward side of the levee looking upstream. Fall 2015.

LM Start	4.74	Rating **	M	Issue No.	38
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					
Action/Comments					
Inspector Comments: FS_ID:40049 DS_ID:19493 EP_NO: N/A FS_HLM: 4.857 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: 03/20/2014					

Photo 1 of 3 : UCIP_FA_2015_6415.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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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Reclamation District No. 2103 Wheatland Vicinity

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Bear River	Right	4.88	11/16/2015 11/16/2015	Jai Lor

LM Start	4.74	Rating **	M	Issue No.	38 (cont)
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					
Action/Comments					
Inspector Comments: FS_ID:40049 DS_ID:19493 EP_NO: N/A FS_HLM: 4.857 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: 03/20/2014					

Photo 2 of 3 : UCIP_FA_2015_6416.jpg



Pipe visible on waterward side.

LM Start	4.74	Rating **	M	Issue No.	38 (cont)
LM End	4.74	Issue Type +	En	Location *	LS

Photo 3 of 3 : UCIP_FA_2015_6417.jpg



Pipe connection at crossing.

* 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 A/W : Acceptable but Monitor & Maintain
N/A : Not Applicable		Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Reclamation District No. 2103 Wheatland Vicinity

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Bear River	Right	4.88	11/16/2015 11/16/2015	Jai Lor

LM Start	4.81	Rating **	M	Issue No.	8
LM End	4.85	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			39.030977 °	39.031426 °
				-121.367465 °	-121.367073 °
DWR ID	DWR_RD2103_02_f_2013_8				
Action/Comments					
Remove the wild growth other than native grasses from the levee slopes. Inspector Comments: Dead blackberries on the waterward slope need to be removed.					

No Photos

LM Start	4.86	Rating **	U	Issue No.	27
LM End	4.86	Issue Type +	En	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			39.031568 °	39.031568 °
				-121.366981 °	-121.366981 °
DWR ID	DWR_RD2103_02_s_2015_27				
Action/Comments					
Material Inspector Comments: It appears that the farmer cut into the levee, and pushed earthen material on levee crown.					

Photo 1 of 2 : FA_2015_RD2103_11_27_20151030_00004.jpg



View of material on levee crown from the crown facing upstream.

LM Start	4.86	Rating **	U	Issue No.	27 (cont)
LM End	4.86	Issue Type +	En	Location *	CR

Photo 2 of 2 : FA_2015_RD2103_11_27_20151030_00005.jpg



View of material on levee crown 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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