

**Flood Control Project Maintenance  
Levee Inspections**

**Fall 2013 Levee Maintenance Deficiency Summary Report**

**Overall LMA & Unit Ratings, including USACE Erosion Survey**

**Sacramento River Basin**

RD0501 Reclamation District No. 0501 Ryer Island	Overall LMA Rating	Total LMA Miles						
	<b>U</b>	<b>20.48</b>						
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	28.15	2.97	40.03	195.46%	0.35			
Trim / Thin Trees	2.19	0.14	2.75	13.43%				
Encroachments	0.02		0.02	0.10%	0.31	0.02		
Animal Control	0.53		0.53	2.59%				
Slope Stability	0.01		0.01	0.05%				
Erosion / Bank Caving	0.07		0.07	0.34%				
Operations & Maintenance Manuals	0.20		0.20	0.98%				
<i>Supplemental</i>								
USACE Erosion Survey	0.23		0.23	1.12%				
DWR UCIP Field Study					2.04	0.52		
<b>LMA Totals:</b>	<b>31.40</b>	<b>3.11</b>	<b>43.84</b>	<b>214.06%</b>	<b>2.70</b>	<b>0.54</b>	<b>0.00</b>	<b>0.00</b>

Unit No. 01 Steamboat Slough RB RD0501	Overall Unit Rating	Total Unit Miles						
	<b>U</b>	<b>6.76</b>						
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	9.45	1.15	14.05	207.84%	0.31			
Trim / Thin Trees	1.44	0.11	1.88	27.81%				
Encroachments	0.02		0.02	0.30%	0.21	0.01		
Animal Control	0.51		0.51	7.54%				
Erosion / Bank Caving	0.06		0.06	0.89%				
<i>Supplemental</i>								
USACE Erosion Survey	0.22		0.22	3.25%				
DWR UCIP Field Study					0.31	0.23		
<b>Unit Totals:</b>	<b>11.70</b>	<b>1.26</b>	<b>16.74</b>	<b>247.63%</b>	<b>0.83</b>	<b>0.24</b>	<b>0.00</b>	<b>0.00</b>

Unit No. 02 Cache Slough LB RD0501	Overall Unit Rating	Total Unit Miles						
	<b>U</b>	<b>3.57</b>						
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	5.27	0.90	8.87	248.46%				
Trim / Thin Trees	0.03		0.03	0.84%				
Encroachments					0.08			
Animal Control	0.01		0.01	0.28%				
Erosion / Bank Caving	0.01		0.01	0.28%				
<i>Supplemental</i>								
USACE Erosion Survey	0.01		0.01	0.28%				
DWR UCIP Field Study					0.44	0.10		
<b>Unit Totals:</b>	<b>5.33</b>	<b>0.90</b>	<b>8.93</b>	<b>250.14%</b>	<b>0.52</b>	<b>0.10</b>	<b>0.00</b>	<b>0.00</b>

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**Overall LMA & Unit Ratings, including USACE Erosion Survey**

**Sacramento River Basin (cont.)**

<b>Unit No. 03 Miner Slough LB</b>		Overall Unit Rating	Total Unit Miles						
RD0501		<b>U</b>	<b>7.82</b>						
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	12.18	0.89	15.74	201.28%	0.03				
Trim / Thin Trees	0.60		0.60	7.67%					
Encroachments					0.02	0.01			
<i>Supplemental</i>									
DWR UCIP Field Study					0.89	0.10			
<i>Unit Totals:</i>	12.78	0.89	16.34	208.95%	0.94	0.11	0.00	0.00	

<b>Unit No. 04 Sutter Slough RB</b>		Overall Unit Rating	Total Unit Miles						
RD0501		<b>U</b>	<b>2.33</b>						
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	1.25	0.03	1.37	58.80%	0.01				
Trim / Thin Trees	0.12	0.03	0.24	10.30%					
Animal Control	0.01		0.01	0.43%					
Slope Stability	0.01		0.01	0.43%					
<i>Supplemental</i>									
DWR UCIP Field Study					0.40	0.09			
<i>Unit Totals:</i>	1.39	0.06	1.63	69.96%	0.41	0.09	0.00	0.00	

**Flood Control Project Maintenance  
Levee Inspections  
LMA District Cover Sheet  
Fall 2013 Levee Inspection Results**

**Reclamation District No. 0501 Ryer Island**

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

\*\* 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 2013 Levee Inspection Results**

**Reclamation District No. 0501 Ryer Island**

Waterway	Bank	Unit Miles
Unit No. 01 Steamboat Slough	Right	6.76

	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			<b>U</b>	
Date of Inspection	04/09/2013 - 04/09/2013		11/22/2013 - 11/22/2013	
DWR Inspector	Herman Phillips		Herman Phillips	
Accompanied By	Mike Magilton RD 501			

**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 2013**

**Reclamation District No. 0501 Ryer Island**

Waterway			Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Steamboat Slough			Right	6.76	11/22/2013 11/22/2013	Herman Phillips

LMR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
1			Earthen Levee	Operations & Maintenance Manuals	LS	M Ma		°	°	57
								DWR ID: DWR_RD0501_01_s_2012_57		
2			Earthen Levee	Emergency Supplies & Equipment	LS	A Ma		°	°	58
								DWR ID: DWR_RD0501_01_s_2012_58		
3			Earthen Levee	Flood Preparedness & Training	LS	A Ma		°	°	59
								DWR ID: DWR_RD0501_01_s_2012_59		
4	0.01	0.01	Earthen Levee	Vegetation	LS	M Ma	V2 : Remove the wild growth other than native grasses from the levee slopes.	38.254186 ° -121.601566 °	38.254186 ° -121.601566 °	35 Y
								DWR ID: DWR_RD0501_01_s_2012_35		
5	0.02	0.03	Earthen Levee	Vegetation	WS	M Ma	V1 : Control annual grass and weeds on the levee slopes and easements.	38.254088 ° -121.601730 °	38.254023 ° -121.601850 °	145 Y
								DWR ID: DWR_RD0501_01_f_2013_145		
6	0.02	0.03	Earthen Levee	Vegetation	LS	U Ma	V7 : Trees / Woody Vegetation Inspector Comments: This growth of fig trees should be removed from landward toe of levee and slope, visibility is completely blocked.	38.254089 ° -121.601732 °	38.254023 ° -121.601853 °	120 Y
								DWR ID: DWR_RD0501_01_f_2013_120		
7	0.03	0.03	Earthen Levee	Vegetation	WS	M Ma	V2 : Remove the wild growth other than native grasses from the levee slopes.	38.254075 ° -121.601838 °	38.254025 ° -121.601928 °	2
								DWR ID: DWR_RD0501_01_s_2012_2		
8	0.04	0.07	Earthen Levee	Vegetation	WS	M Ma	V2 : Remove the wild growth other than native grasses from the levee slopes.	38.230288 ° 38.253518 °	-121.603781 ° -121.602252 °	4
								DWR ID: DWR_RD0501_01_s_2012_4		
9	0.04	0.27	Earthen Levee	Vegetation	WS	M Ma	V2 : Remove the wild growth other than native grasses from the levee slopes.	38.253853 ° -121.601921 °	38.250719 ° -121.603080 °	1
								DWR ID: DWR_RD0501_01_s_2012_1		
10	0.04	0.04	Earthen Levee	Encroachments	LS	M En	TR : Tree or limb	38.253862 ° -121.602069 °	38.253862 ° -121.602069 °	74
								DWR ID: DWR_RD0501_01_f_2013_74		
11	0.05	0.19	Earthen Levee	Vegetation	LS	M Ma	V1 : Control annual grass and weeds on the levee slopes and easements.	38.253773 ° -121.602147 °	38.251866 ° -121.603089 °	121
								DWR ID: DWR_RD0501_01_f_2013_121		
12	0.13	0.24	Earthen Levee	Trim / Thin Trees	LS	M Ma	T2 : Thin trees to allow visibility of the ground and room to flood fight. Inspector Comments: The district trimmed the fig trees less than 2-inches instead of removing them completely from the levee. If the tree is less than 2-inches it can be removed from the levee. The fig trees should not be on the levee anyway.	38.252764 ° -121.602715 °	38.251251 ° -121.603084 °	3 Y
								DWR ID: DWR_RD0501_01_s_2012_3		

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

**Levee Inspection Report By Mile - Fall 2013**

**Reclamation District No. 0501 Ryer Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Steamboat Slough	Right	6.76	11/22/2013 11/22/2013	Herman Phillips

LMIR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
13	0.13	0.37	Earthen Levee	Trim / Thin Trees	LS	M Ma	T1 : Trim trees to at least five feet above ground level.	38.252658 ° -121.602835 °	38.249205 ° -121.603128 °	67
DWR ID: DWR_RD0501_01_s_2012_67										
14	0.17	0.17	Supplemental	DWR UCIP Field Study	LS	U En	Inspector Comments: FS_ID:17526 EP_NO: 4581 Repair Type: Urgent Crossing Status: Found UCIP Comments: - Detached 35 feet length pipe lying on landside slope.- 4-inch PVC pipe attached to the 6-inch steel pipe.- Waterside pipe detached not connected to the pump. Section of the pipe lying on the waterside slope.- Crack and deformation on crown FIELD_STRUCT_DESC: 6-inch steel pipe through the levee, 2.5 feet below the crown. 2-inch steel electrical conduit on landside. Cutoff wall around pipe at center of levee. Pump and gate valve in pumphouse on waterward slope. Service pole on waterward slope. Pipe exposed on both slopes. (Permit No. 4581-1964) FS Date: 6/4/2013	38.252180 ° -121.602891 °	38.252180 ° -121.602891 °	45
DWR ID: DWR_RD0501_01_f_2013_45										
15	0.17	0.17	Supplemental	DWR UCIP Field Study	LS	U En	Inspector Comments: FS_ID:18486 EP_NO: 4581 Repair Type: Urgent Crossing Status: Found UCIP Comments: Damage present from leaky pipe. Signs of repair work on crown, however, no permit found to document recent of damage to levee or repair work. Pipe is no longer operational. New PVC pipe has been sleeved through the existing 6-inch pipe. Unable to determine if crossing pipe has been abandoned or if crossing pipe will be used in the future. FIELD_STRUCT_DESC: 6-inch steel pipe through the levee, 2.5 feet below the crown. 2-inch steel electrical conduit through levee. Cutoff wall around pipe at center of levee. Pump and gate valve in pump structure on waterward slope. Service pole on landward slope. Pipe exposed on both slopes. (Permit No. 4581-1964) FS Date: 6/4/2013	38.252140 ° -121.602902 °	38.252140 ° -121.602902 °	46 Y
DWR ID: DWR_RD0501_01_f_2013_46										

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

**Levee Inspection Report By Mile - Fall 2013**

**Reclamation District No. 0501 Ryer Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Steamboat Slough	Right	6.76	11/22/2013 11/22/2013	Herman Phillips

LMR No.	Levee Mile		Category	Item	* Location	+ Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	

16	0.17	0.17	Supplemental	DWR UCIP Field Study	LS	U En	Inspector Comments: FS_ID:17623 EP_NO: 4581 Repair Type: Urgent Crossing Status: Found UCIP Comments: - Detached 35 feet length pipe lying on landside slope.- 4-inch PVC pipe attached to the 6-inch steel pipe.- Waterside pipe detached not connected to the pump. Section of the pipe lying on the waterside slope.- Crack and deformation on crown FIELD_STRUCT_DESC: 6-inch steel pipe through the levee, 2.5 feet below the crown. 2-inch steel electrical conduit on landside. Cutoff wall around pipe at center of levee. Pump and gate valve in pumphouse on waterward slope. Service pole on waterward slope. Pipe exposed on both slopes. (Permit No. 4581-1964) FS Date: 6/4/2013	38.252180 ° -121.602891 °	38.252180 ° -121.602891 °	52
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DWR ID: DWR\_RD0501\_01\_f\_2013\_52

17	0.17	0.17	Supplemental	DWR UCIP Field Study	LS	U En	Inspector Comments: FS_ID:17624 EP_NO: 4581 Repair Type: Urgent Crossing Status: Found UCIP Comments: - Detached 35 feet length pipe lying on landside slope.- 4-inch PVC pipe attached to the 6-inch steel pipe.- Waterside pipe detached not connected to the pump. Section of the pipe lying on the waterside slope.- Crack and deformation on crown FIELD_STRUCT_DESC: 6-inch steel pipe through the levee, 2.5 feet below the crown. 2-inch steel electrical conduit on landside. Cutoff wall around pipe at center of levee. Pump and gate valve in pumphouse on waterward slope. Service pole on waterward slope. Pipe exposed on both slopes. (Permit No. 4581-1964) FS Date: 6/4/2013	38.252180 ° -121.602891 °	38.252180 ° -121.602891 °	54
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DWR ID: DWR\_RD0501\_01\_f\_2013\_54

18	0.17	0.17	Supplemental	DWR UCIP Field Study	LS	U En	Inspector Comments: FS_ID:17579 EP_NO: 4581 Repair Type: Urgent Crossing Status: Found UCIP Comments: - Detached 35 feet length pipe lying on landside slope.- 4-inch PVC pipe attached to the 6-inch steel pipe.- Waterside pipe detached not connected to the pump. Section of the pipe lying on the waterside slope.- Crack and deformation on crown FIELD_STRUCT_DESC: 6-inch steel pipe through the levee, 2.5 feet below the crown. 2-inch steel electrical conduit on landside. Cutoff wall around pipe at center of levee. Pump and gate valve in pumphouse on waterward slope. Service pole on waterward slope. Pipe exposed on both slopes. (Permit No. 4581-1964) FS Date: 6/4/2013	38.252180 ° -121.602891 °	38.252180 ° -121.602891 °	61
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DWR ID: DWR\_RD0501\_01\_f\_2013\_61

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

**Levee Inspection Report By Mile - Fall 2013**

**Reclamation District No. 0501 Ryer Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Steamboat Slough	Right	6.76	11/22/2013 11/22/2013	Herman Phillips

LMR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	

19	0.17	0.17	Supplemental	DWR UCIP Field Study	LS	U En	Inspector Comments: FS_ID:17524 EP_NO: 4581 Repair Type: Urgent Crossing Status: Found UCIP Comments: - Detached 35 feet length pipe lying on landside slope.- 4-inch PVC pipe attached to the 6-inch steel pipe.- Waterside pipe detached not connected to the pump. Section of the pipe lying on the waterside slope.- Crack and deformation on crown FIELD_STRUCT_DESC: 6-inch steel pipe through the levee, 2.5 feet below the crown. 2-inch steel electrical conduit on landside. Cutoff wall around pipe at center of levee. Pump and gate valve in pumphouse on waterward slope. Service pole on waterward slope. Pipe exposed on both slopes. (Permit No. 4581-1964) FS Date: 6/4/2013	38.252180 °	38.252180 °	68
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DWR ID: DWR\_RD0501\_01\_f\_2013\_68

20	0.17	0.17	Supplemental	DWR UCIP Field Study	LS	U En	Inspector Comments: FS_ID:17504 EP_NO: 4581 Repair Type: Urgent Crossing Status: Found UCIP Comments: - Detached 35 feet length pipe lying on landside slope.- 4-inch PVC pipe attached to the 6-inch steel pipe.- Waterside pipe detached not connected to the pump. Section of the pipe lying on the waterside slope.- Crack and deformation on crown FIELD_STRUCT_DESC: 6-inch steel pipe through the levee, 2.5 feet below the crown. 2-inch steel electrical conduit on landside. Cutoff wall around pipe at center of levee. Pump and gate valve in pumphouse on waterward slope. Service pole on waterward slope. Pipe exposed on both slopes. (Permit No. 4581-1964) FS Date: 6/4/2013	38.252180 °	38.252180 °	69
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DWR ID: DWR\_RD0501\_01\_f\_2013\_69

21	0.17	0.17	Supplemental	DWR UCIP Field Study	LS	U En	Inspector Comments: FS_ID:18087 EP_NO: 4581 Repair Type: Urgent Crossing Status: Found UCIP Comments: Damage present from leaky pipe. There appears to be signs of repair work on crown. However, no second permit found to document recent of damage to levee. Pipe is no longer operational. New PVC pipe has been sleeved through the existing 6-inch pipe. Unable to determine if crossing pipe has been abandoned or if crossing pipe will be used in the future. FIELD_STRUCT_DESC: 6-inch steel pipe through the levee, 2.5 feet below the crown. 2-inch steel electrical conduit through levee. Cutoff wall around pipe at center of levee. Pump and gate valve in pump structure on landward slope. Service pole on waterward slope. Pipe exposed on both slopes. (Permit No. 4581-1964) FS Date: 6/4/2013	38.252180 °	38.252180 °	70
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DWR ID: DWR\_RD0501\_01\_f\_2013\_70

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

**Levee Inspection Report By Mile - Fall 2013**

**Reclamation District No. 0501 Ryer Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Steamboat Slough	Right	6.76	11/22/2013 11/22/2013	Herman Phillips

LMR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	

22	0.17	0.17	Supplemental	DWR UCIP Field Study	LS	U En	Inspector Comments: FS_ID:17663 EP_NO: 4581 Repair Type: Urgent Crossing Status: Found UCIP Comments: - Detached 35 feet length pipe lying on landside slope.- 4-inch PVC pipe attached to the 6-inch steel pipe.- Waterside pipe detached not connected to the pump. Section of the pipe lying on the waterside slope.- Crack and deformation on crown FIELD_STRUCT_DESC: 6-inch steel pipe through the levee, 2.5 feet below the crown. 2-inch steel electrical conduit on landside. Cutoff wall around pipe at center of levee. Pump and gate valve in pumphouse on waterward slope. Service pole on waterward slope. Pipe exposed on both slopes. (Permit No. 4581-1964) FS Date: 6/4/2013	38.252180 ° -121.602891 °	38.252180 ° -121.602891 °	72
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DWR ID: DWR\_RD0501\_01\_f\_2013\_72

23	0.17	0.17	Supplemental	DWR UCIP Field Study	LS	U En	Inspector Comments: FS_ID:19583 EP_NO: 4581 Repair Type: Urgent Crossing Status: Found UCIP Comments: Damage present from leaky pipe. Signs of repair work on crown, however, no permit found to document recent damage to levee or repair work. New PVC pipe has been sleeved through the existing 6-inch pipe. Unable to determine if crossing is still in use, if not, crossings needs to be removed according to CVFPB Title 23 requirements. FIELD_STRUCT_DESC: 6-inch steel pipe through the levee, 2.5 feet below the crown. 2-inch steel electrical conduit through levee. Cutoff wall around pipe at center of levee. Pump and gate valve in pump structure on waterward slope. Service pole on landward slope. Pipe exposed on both slopes. (Permit No. 4581-1964) FS Date: 6/4/2013	38.252140 ° -121.602902 °	38.252140 ° -121.602902 °	73
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DWR ID: DWR\_RD0501\_01\_f\_2013\_73

24	0.17	0.17	Supplemental	DWR UCIP Field Study	LS	U En	Inspector Comments: FS_ID:17509 EP_NO: 4581 Repair Type: Urgent Crossing Status: Found UCIP Comments: - Detached 35 feet length pipe lying on landside slope.- 4-inch PVC pipe attached to the 6-inch steel pipe.- Waterside pipe detached not connected to the pump. Section of the pipe lying on the waterside slope.- Crack and deformation on crown FIELD_STRUCT_DESC: 6-inch steel pipe through the levee, 2.5 feet below the crown. 2-inch steel electrical conduit on landside. Cutoff wall around pipe at center of levee. Pump and gate valve in pumphouse on waterward slope. Service pole on waterward slope. Pipe exposed on both slopes. (Permit No. 4581-1964) FS Date: 6/4/2013	38.252180 ° -121.602891 °	38.252180 ° -121.602891 °	75
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DWR ID: DWR\_RD0501\_01\_f\_2013\_75

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

**Levee Inspection Report By Mile - Fall 2013**

**Reclamation District No. 0501 Ryer Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Steamboat Slough	Right	6.76	11/22/2013 11/22/2013	Herman Phillips

LMR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
25	0.19	0.25	Earthen Levee	Vegetation	LS	U Ma	V7 : Trees / Woody Vegetation	38.251865 ° -121.603098 °	38.250999 ° -121.603127 °	122
								DWR ID: DWR_RD0501_01_f_2013_122		
26	0.25	1.11	Earthen Levee	Vegetation	LS	M Ma	V2 : Remove the wild growth other than native grasses from the levee slopes.	38.250999 ° -121.603126 °	38.238869 ° -121.604356 °	123
								DWR ID: DWR_RD0501_01_f_2013_123		
27	0.26	0.28	Earthen Levee	Trim / Thin Trees	LS	U Ma	T3 : Trim and thin trees to allow visibility of the ground and room to flood fight. Inspector Comments: There is a thick growth of fig trees that should be removed from levee section that blocks the view of the levee slope.	38.250927 ° -121.603107 °	38.250610 ° -121.603111 °	5 Y
								DWR ID: DWR_RD0501_01_s_2012_5		
28	0.30	0.35	Earthen Levee	Vegetation	LS	M Ma	V2 : Remove the wild growth other than native grasses from the levee slopes.	38.250261 ° -121.603126 °	38.249562 ° -121.603105 °	6
								DWR ID: DWR_RD0501_01_s_2012_6		
29	0.38	0.38	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:18023 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Dense vegetation limits the inspector's visibility to identify signs and FIELD_STRUCT_DESC: 20-inch and 2.5-inch pipes through the levee, both 7.8 feet below the crown. Pump in pump house on landward slope. Pipe exposed along waterward slope. (USACE-1959). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (HLM 0.40). FS Date: 6/7/2013	38.249193 ° -121.602907 °	38.249193 ° -121.602907 °	76
								DWR ID: DWR_RD0501_01_f_2013_76		
30	0.38	0.38	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:17529 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: - Landside hinge point roadway damaged.- Vegetation limits visibility for slope inspection.- 566 stairway on waterside at LM 0.38.- Visible at 54 feet off. FIELD_STRUCT_DESC: 20-inch and 2.5-inch pipes through the levee, both 7.8 feet below the crown. Pump in pump house on landward slope. Pipe exposed along waterward slope. (USACE-1959). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (HLM 0.40). FS Date: 6/3/2013	38.249193 ° -121.602907 °	38.249193 ° -121.602907 °	77
								DWR ID: DWR_RD0501_01_f_2013_77		

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

**Levee Inspection Report By Mile - Fall 2013**

**Reclamation District No. 0501 Ryer Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Steamboat Slough	Right	6.76	11/22/2013 11/22/2013	Herman Phillips

LMIR No.	Levee Mile		Category	Item	* Location	+ Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	

31	0.38	0.38	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:18008 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: - Landside edge of roadway damaged.- Vegetation limits visibility for slope inspection.- 566 stairway on waterside at LM 0.38. FIELD_STRUCT_DESC: 20-inch and 2.5-inch pipes through the levee, both 7.8 feet below the crown. Pump in pump house on landward slope. Pipe exposed along waterward slope. (USACE-1959). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (HLM 0.40). FS Date: 6/3/2013	38.249193 °	38.249193 °	78
								-121.602907 °	-121.602907 °	
								DWR ID: DWR_RD0501_01_f_2013_78		

32	0.38	0.38	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:17604 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: - Landside hinge point roadway damaged.- Vegetation limits visibility for slope inspection.- 566 stairway on waterside at LM 0.38.- Visible at 54 feet off. FIELD_STRUCT_DESC: 20-inch and 2.5-inch pipes through the levee, both 7.8 feet below the crown. Pump in pump house on landward slope. Pipe exposed along waterward slope. (USACE-1959). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (HLM 0.40). FS Date: 6/3/2013	38.249193 °	38.249193 °	80
								-121.602907 °	-121.602907 °	
								DWR ID: DWR_RD0501_01_f_2013_80		

33	0.38	0.38	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:18084 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Dense vegetation limits the inspector's visibility to identify signs of leaks through the slope. Recommend removing vegetation( 3-5 feet offset of the pipe along pipe alignment for proper inspection. Need to contact the owner. FIELD_STRUCT_DESC: 20-inch and 2.5-inch pipes through the levee, both 7.8 feet below the crown. Pump in pump house on landward slope. Pipe exposed along waterward slope. (USACE-1959). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (HLM 0.40). FS Date: 6/7/2013	38.249193 °	38.249193 °	81
								-121.602907 °	-121.602907 °	
								DWR ID: DWR_RD0501_01_f_2013_81		

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

**Levee Inspection Report By Mile - Fall 2013**

**Reclamation District No. 0501 Ryer Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Steamboat Slough	Right	6.76	11/22/2013 11/22/2013	Herman Phillips

LMR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	

34	0.38	0.38	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:18063 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Dense vegetation limits the inspector's visibility to identify signs and slope. Recommend removing vegetation( 3-5 feet offset of the pipe along pipe alignment for proper insection. Need to contact the owner. FIELD_STRUCT_DESC: 20-inch and 2.5-inch pipes through the levee, both 7.8 feet below the crown. Pump in pump house on landward slope. Pipe exposed along waterward slope. (USACE-1959). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (HLM 0.40). FS Date: 6/7/2013	38.249193 °	38.249193 °	82
								-121.602907 °	-121.602907 °	
								DWR ID: DWR_RD0501_01_f_2013_82		

35	0.38	0.38	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:18488 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Dense vegetation limits the inspector's visibility to identify signs of leaks through the slope. Recommend removing vegetation along pipe alignment for reinspection. Need to contact the owner for maintenance and to obtain permit number issued for crossing. FIELD_STRUCT_DESC: 20-inch and 2.5-inch pipes through the levee, both 7.8 feet below the crown. Pump in pump house on landward slope. Pipe exposed along waterward slope. (USACE-1959). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (HLM 0.40). FS Date: 6/4/2013	38.249193 °	38.249193 °	83
								-121.602907 °	-121.602907 °	Y
								DWR ID: DWR_RD0501_01_f_2013_83		

36	0.38	0.38	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:17744 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: - Landside edge of roadway damaged.- Vegetation limits visibilty for slope inspection.- 566 stairway on waterside at LM 0.38. FIELD_STRUCT_DESC: 20-inch and 2.5-inch pipes through the levee, both 7.8 feet below the crown. Pump in pump house on landward slope. Pipe exposed along waterward slope. (USACE-1959). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (HLM 0.40). FS Date: 6/3/2013	38.249193 °	38.249193 °	84
								-121.602907 °	-121.602907 °	
								DWR ID: DWR_RD0501_01_f_2013_84		

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

**Levee Inspection Report By Mile - Fall 2013**

**Reclamation District No. 0501 Ryer Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Steamboat Slough	Right	6.76	11/22/2013 11/22/2013	Herman Phillips

LMR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
37	0.38	0.38	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:18503 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Dense vegetation limits the inspector's visibility to identify signs of leaks through the slope. Recommend removing vegetation along pipe alignment for reinspection. Need to contact the owner for maintenance and to obtain permit number issued for crossing. FIELD_STRUCT_DESC: 20-inch and 2.5-inch pipes through the levee, both 7.8 feet below the crown. Pump in pump house on landward slope. Pipe exposed along waterward slope. (USACE-1959). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (HLM 0.40). FS Date: 6/4/2013	38.249185 ° -121.603036 °	38.249185 ° -121.603036 °	85
DWR ID: DWR_RD0501_01_f_2013_85										
38	0.41	0.44	Earthen Levee	Vegetation	LS	M Ma	V2 : Remove the wild growth other than native grasses from the levee slopes.	38.248744 ° -121.603034 °	38.248331 ° -121.602990 °	124
DWR ID: DWR_RD0501_01_f_2013_124										
39	0.43	0.43	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:17591 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: FIELD_STRUCT_DESC: Gas line through the levee and under the road way (crown). Markers cross the levee on both shoulders. FS Date: 6/4/2013	38.248458 ° -121.602966 °	38.248458 ° -121.602966 °	86
DWR ID: DWR_RD0501_01_f_2013_86										
40	0.43	0.43	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:17745 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: FIELD_STRUCT_DESC: Gas line through the levee and under the road way (crown). Markers cross the levee on both shoulders. FS Date: 6/4/2013	38.248458 ° -121.602966 °	38.248458 ° -121.602966 °	87
DWR ID: DWR_RD0501_01_f_2013_87										

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

**Levee Inspection Report By Mile - Fall 2013**

**Reclamation District No. 0501 Ryer Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Steamboat Slough	Right	6.76	11/22/2013 11/22/2013	Herman Phillips

LMIR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
41	0.43	0.43	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:18504 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Need to contact ower and ask for emergency contact infomation and permit number.  8/21/13 Contacted Gas Control Division under the emergency contact No. 1-877-723-3344. Message has been forward to Brian Habersack at 916-859-4700, email: bhabersack@gasbiz.com. FIELD_STRUCT_DESC: Gas line crosses the levee at an angle. Markers visible on both shoulders. FS Date: 6/4/2013	38.248519 ° -121.602972 °	38.248519 ° -121.602972 °	88
DWR ID: DWR_RD0501_01_f_2013_88										
42	0.43	0.43	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:18093 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Need to contact ower and ask for emergency contact infomation and permit number. On Aug. 21st 2013, contacted gas control deivision under the emergency contact No. 1-877-723-3344. Message has been forward to Brian Habersack at 916-859-4700, email: bhabersack@gasbiz.com. FIELD_STRUCT_DESC: Gas line cross the levee at an angle. Markers visible on both shoulders. FS Date: 6/4/2013	38.248458 ° -121.602966 °	38.248458 ° -121.602966 °	89 Y
DWR ID: DWR_RD0501_01_f_2013_89										
43	0.51	0.51	Earthen Levee	Trim / Thin Trees	LS	M Ma	T1 : Trim trees to at least five feet above ground level.	38.247310 ° 121.602876 °	38.247310 ° -121.602876 °	963
DWR ID: DWR_RD0501_01_s_2012_963										
44	0.55	0.55	Earthen Levee	Vegetation	LS	M Ma	V2 : Remove the wild growth other than native grasses from the levee slopes.	38.246798 ° -121.602872 °	38.246798 ° -121.602872 °	7
DWR ID: DWR_RD0501_01_s_2012_7										
45	0.62	0.64	Earthen Levee	Vegetation	LS	M Ma	V2 : Remove the wild growth other than native grasses from the levee slopes.	38.245688 ° -121.602863 °	38.245315 ° -121.602876 °	125
DWR ID: DWR_RD0501_01_f_2013_125										
46	0.66	0.70	Earthen Levee	Trim / Thin Trees	LS	M Ma	T1 : Trim trees to at least five feet above ground level.	38.245010 ° -121.602955 °	38.244523 ° -121.602940 °	18
DWR ID: DWR_RD0501_01_s_2012_18										
47	0.67	0.67	Earthen Levee	Vegetation	LS	M Ma	V2 : Remove the wild growth other than native grasses from the levee slopes.	38.244962 ° -121.602950 °	38.244962 ° -121.602950 °	967
DWR ID: DWR_RD0501_01_s_2012_967										
48	0.68	0.70	Earthen Levee	Vegetation	LS	M En	V6 : Landscaping	38.244926 ° -121.602901 °	38.244541 ° -121.602938 °	8
DWR ID: DWR_RD0501_01_s_2012_8										
49	0.69	1.20	Earthen Levee	Animal Control	LS	M Ma	A1 : Exterminate rodents and backfill and compact or grout burrows.	38.244667 ° -121.602967 °	38.237470 ° -121.604418 °	71
DWR ID: DWR_RD0501_01_s_2012_71										

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

**Levee Inspection Report By Mile - Fall 2013**

**Reclamation District No. 0501 Ryer Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Steamboat Slough	Right	6.76	11/22/2013 11/22/2013	Herman Phillips

LMR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
50	0.70	0.75	Earthen Levee	Vegetation	LS Ma	M	V2 : Remove the wild growth other than native grasses from the levee slopes.	38.244540 ° -121.602937 °	38.243835 ° -121.603057 °	10 Y
DWR ID: DWR_RD0501_01_s_2012_10										
51	0.75	0.94	Earthen Levee	Vegetation	LS Ma	U	V2 : Remove the wild growth other than native grasses from the levee slopes. Inspector Comments: There is wild berries growing on levee slope and toe that blocks the view of the levee. The district has purchased a slope mower and they are in the process of mowing the slopes.	38.243835 ° -121.603057 °	38.241204 ° -121.603568 °	9 Y
DWR ID: DWR_RD0501_01_s_2012_9										
52	0.98	1.04	Earthen Levee	Vegetation	LS Ma	U	V7 : Trees / Woody Vegetation	38.240654 ° -121.603739 °	38.239816 ° -121.604058 °	127 Y
DWR ID: DWR_RD0501_01_f_2013_127										
53	1.00	1.17	Earthen Levee	Vegetation	WS Ma	M	V2 : Remove the wild growth other than native grasses from the levee slopes.	38.240333 ° -121.603863 °	38.237953 ° -121.604482 °	969 Y
DWR ID: DWR_RD0501_01_s_2012_969										
54	1.00	2.10	Earthen Levee	Vegetation	LS Ma	M	V2 : Remove the wild growth other than native grasses from the levee slopes.	38.240296 ° -121.603884 °	38.224454 ° -121.603683 °	60 Y
DWR ID: DWR_RD0501_01_f_2012_60										
55	1.01	1.02	Earthen Levee	Vegetation	WS Ma	U	V2 : Remove the wild growth other than native grasses from the levee slopes.	38.240150 ° -121.603965 °	38.240006 ° -121.603993 °	128 Y
DWR ID: DWR_RD0501_01_f_2013_128										
56	1.02	1.02	Earthen Levee	Vegetation	LS Ma	U	V7 : Trees / Woody Vegetation	38.240061 ° -121.603925 °	38.240061 ° -121.603925 °	126 Y
DWR ID: DWR_RD0501_01_f_2013_126										
57	1.11	1.13	Earthen Levee	Vegetation	LS Ma	M	V2 : Remove the wild growth other than native grasses from the levee slopes.	38.238762 ° -121.604369 °	38.238545 ° -121.604409 °	129 Y
DWR ID: DWR_RD0501_01_f_2013_129										
58	1.21	1.82	Earthen Levee	Vegetation	LS Ma	M	V2 : Remove the wild growth other than native grasses from the levee slopes.	38.237241 ° -121.604435 °	38.228784 ° -121.604123 °	130 Y
DWR ID: DWR_RD0501_01_f_2013_130										
59	1.22	1.86	Earthen Levee	Vegetation	LS Ma	M	V1 : Control annual grass and weeds on the levee slopes and easements.	38.237268 ° -121.604424 °	38.228141 ° -121.604157 °	12 Y
DWR ID: DWR_RD0501_01_s_2012_12										
60	1.55	1.74	Earthen Levee	Vegetation	LS Ma	U	V2 : Remove the wild growth other than native grasses from the levee slopes. Inspector Comments: Wild growth of berries on slope and toe.	38.232531 ° -121.603485 °	38.229930 ° -121.603892 °	13 Y
DWR ID: DWR_RD0501_01_s_2012_13										
61	1.92	2.20	Earthen Levee	Vegetation	WS Ma	M	V2 : Remove the wild growth other than native grasses from the levee slopes.	38.227247 ° -121.604157 °	38.223326 ° -121.603497 °	131 Y
DWR ID: DWR_RD0501_01_f_2013_131										
62	1.96	1.97	Earthen Levee	Vegetation	LS Ma	U	V2 : Remove the wild growth other than native grasses from the levee slopes.	38.226718 ° -121.604114 °	38.226345 ° -121.604073 °	132 Y
DWR ID: DWR_RD0501_01_f_2013_132										

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

**Levee Inspection Report By Mile - Fall 2013**

**Reclamation District No. 0501 Ryer Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Steamboat Slough	Right	6.76	11/22/2013 11/22/2013	Herman Phillips

LMIR No.	Levee Mile		Category	Item	Location * + Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End					Start	End	
63	2.04	2.10	Earthen Levee	Erosion / Bank Caving	WS M Ma	E1 : Note and monitor erosion site.	38.225500 ° -121.603887 °	38.224738 ° -121.603750 °	26
DWR ID: DWR_RD0501_01_s_2012_26									
64	2.24	2.29	Earthen Levee	Trim / Thin Trees	LS M Ma	T1 : Trim trees to at least five feet above ground level.	38.222758 ° -121.603348 °	38.222030 ° -121.603303 °	27
DWR ID: DWR_RD0501_01_s_2012_27									
65	2.32	2.32	Earthen Levee	Vegetation	LS M Ma	V2 : Remove the wild growth other than native grasses from the levee slopes.	38.221606 ° -121.603429 °	38.221529 ° -121.603436 °	133
DWR ID: DWR_RD0501_01_f_2013_133									
66	2.34	2.34	Earthen Levee	Encroachments	LS M Ma	TR : Tree or limb	38.221257 ° -121.603526 °	38.221257 ° -121.603526 °	62
DWR ID: DWR_RD0501_01_f_2012_62									
67	2.38	3.76	Earthen Levee	Vegetation	LS M Ma	V2 : Remove the wild growth other than native grasses from the levee slopes.	38.220732 ° -121.603734 °	38.202810 ° -121.613523 °	31
DWR ID: DWR_RD0501_01_s_2012_31									
68	2.44	4.14	Earthen Levee	Vegetation	LS M Ma	V2 : Remove the wild growth other than native grasses from the levee slopes.	38.219976 ° -121.604168 °	38.197748 ° -121.616084 °	14
DWR ID: DWR_RD0501_01_s_2012_14									
69	2.55	2.60	Earthen Levee	Trim / Thin Trees	LS M Ma	T1 : Trim trees to at least five feet above ground level.	38.218470 ° -121.605105 °	38.217875 ° -121.605532 °	32
DWR ID: DWR_RD0501_01_s_2012_32									
70	2.67	2.73	Earthen Levee	Trim / Thin Trees	LS M Ma	T1 : Trim trees to at least five feet above ground level.	38.217030 ° -121.606303 °	38.216408 ° -121.607057 °	34
DWR ID: DWR_RD0501_01_s_2012_34									
71	2.71	2.74	Earthen Levee	Trim / Thin Trees	LS M Ma	T1 : Trim trees to at least five feet above ground level.	38.216709 ° -121.606735 °	38.216425 ° -121.607087 °	134
DWR ID: DWR_RD0501_01_f_2013_134									

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

**Levee Inspection Report By Mile - Fall 2013**

**Reclamation District No. 0501 Ryer Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Steamboat Slough	Right	6.76	11/22/2013 11/22/2013	Herman Phillips

LMIR No.	Levee Mile		Category	Item	* Location	+ Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
72	2.83	2.83	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:19643 EP_NO: 2742 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) through the levee slopes. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances. Additional notes: pump was running during inspection, 16-inch pipe section abandoned on landward side, view of standpipe and support structure on waterward side does not match structure description--need to determine if crossing has been altered. FIELD_STRUCT_DESC: 16-inch drainpipe through the levee, 3.6 feet below the crown. Cutoff walls around pipe at center of levee. Siphon breaker on apex of pipe at landward shoulder. Pump house on landward shoulder. Pipe discharges into 48-inch pipe with screw gate on landward side. (Permit No. 2742-1959). Repairs made to pipe and a portion replaced, from landward shoulder to discharge end on waterward side, under Permit No. 15380 (1999). Rock revetment placed on waterward slope. Revegetation in progress on waterside. FS Date: 6/4/2013	38.215351 ° -121.608013 °	38.215351 ° -121.608013 °	90 Y

DWR ID: DWR\_RD0501\_01\_f\_2013\_90

73	2.83	2.83	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:18506 EP_NO: 2742 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) through the levee slopes. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtances. Additional notes: pump was running during inspection, 16-inch pipe section abandoned on landward side, view of standpipe and support structure on waterward side does not match structure description--need to determine if crossing has been altered. FIELD_STRUCT_DESC: 16-inch drainpipe through the levee, 3.6 feet below the crown. Cutoff walls around pipe at center of levee. Siphon breaker on apex of pipe at landward shoulder. Pump house on landward shoulder. Pipe discharges into 48-inch pipe with screw gate on landward side. (Permit No. 2742-1959). Repairs made to pipe and a portion replaced, from landward shoulder to discharge end on waterward side, under Permit No. 15380 (1999). Rock revetment placed on waterward slope. Revegetation in progress on waterside. FS Date: 6/4/2013	38.215351 ° -121.608013 °	38.215351 ° -121.608013 °	91 Y
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DWR ID: DWR\_RD0501\_01\_f\_2013\_91

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

**Levee Inspection Report By Mile - Fall 2013**

**Reclamation District No. 0501 Ryer Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Steamboat Slough	Right	6.76	11/22/2013 11/22/2013	Herman Phillips

LMIR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	

74	2.84	2.84	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:17605 EP_NO: 2742 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: - Pump is operable during inspection.- 16-inch pipe section abandoned downstream from pipe crossing- Unable to inspect waterside due to dense vegetation. FIELD_STRUCT_DESC: 16-inch drainpipe through the levee, 3.6 feet below the crown. Cutoff walls around pipe at center of levee. Siphon breaker on apex of pipe at landward shoulder. Pump house on landward shoulder. Pipe discharges into 48-inch pipe with screw gate on landward side. (Permit No. 2742-1959). Repairs made to pipe and a portion replaced, from landward shoulder to discharge end on waterward side, under Permit No. 15380 (1999). Rock revetment placed on waterward slope. Revegetation in progress on waterside. FS Date: 6/4/2013	38.215215 °	38.215215 °	92
								-121.608138 °	-121.608138 °	

DWR ID: DWR\_RD0501\_01\_f\_2013\_92

75	2.84	2.84	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:17572 EP_NO: 2742 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: - Pump is operable during inspection.- 16-inch pipe section abandoned downstream from pipe crossing- Unable to inspect waterside due to dense vegetation. FIELD_STRUCT_DESC: 16-inch drainpipe through the levee, 3.6 feet below the crown. Cutoff walls around pipe at center of levee. Siphon breaker on apex of pipe at landward shoulder. Pump house on landward shoulder. Pipe discharges into 48-inch pipe with screw gate on landward side. (Permit No. 2742-1959). Repairs made to pipe and a portion replaced, from landward shoulder to discharge end on waterward side, under Permit No. 15380 (1999). Rock revetment placed on waterward slope. Revegetation in progress on waterside. FS Date: 6/4/2013	38.215215 °	38.215215 °	93
								-121.608138 °	-121.608138 °	

DWR ID: DWR\_RD0501\_01\_f\_2013\_93

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

**Levee Inspection Report By Mile - Fall 2013**

**Reclamation District No. 0501 Ryer Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Steamboat Slough	Right	6.76	11/22/2013 11/22/2013	Herman Phillips

LMIR No.	Levee Mile		Category	Item	* Location	** Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	

76	2.84	2.84	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:17764 EP_NO: 2742 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: - Pump is operable during inspection.- 16-inch pipe section abandoned downstream from pipe crossing- Unable to inspect waterside due to dense vegetation. FIELD_STRUCT_DESC: 16-inch drainpipe through the levee, 3.6 feet below the crown. Cutoff walls around pipe at center of levee. Siphon breaker on apex of pipe at landward shoulder. Pump house on landward shoulder. Pipe discharges into 48-inch pipe with screw gate on landward side. (Permit No. 2742-1959). Repairs made to pipe and a portion replaced, from landward shoulder to discharge end on waterward side, under Permit No. 15380 (1999). Rock revetment placed on waterward slope. Revegetation in progress on waterside. FS Date: 6/4/2013	38.215215 ° -121.608138 °	38.215215 ° -121.608138 °	94
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DWR ID: DWR\_RD0501\_01\_f\_2013\_94

77	2.84	2.84	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:17576 EP_NO: 2742 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: - Pump is operable during inspection.- 16-inch pipe section abandoned downstream from pipe crossing- Unable to inspect waterside due to dense vegetation. FIELD_STRUCT_DESC: 16-inch drainpipe through the levee, 3.6 feet below the crown. Cutoff walls around pipe at center of levee. Siphon breaker on apex of pipe at landward shoulder. Pump house on landward shoulder. Pipe discharges into 48-inch pipe with screw gate on landward side. (Permit No. 2742-1959). Repairs made to pipe and a portion replaced, from landward shoulder to discharge end on waterward side, under Permit No. 15380 (1999). Rock revetment placed on waterward slope. Revegetation in progress on waterside. FS Date: 6/4/2013	38.215215 ° -121.608138 °	38.215215 ° -121.608138 °	95
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DWR ID: DWR\_RD0501\_01\_f\_2013\_95

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

**Levee Inspection Report By Mile - Fall 2013**

**Reclamation District No. 0501 Ryer Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Steamboat Slough	Right	6.76	11/22/2013 11/22/2013	Herman Phillips

LMIR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	

78	2.84	2.84	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:17606 EP_NO: 2742 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: - Pump is operable during inspection.- 16-inch pipe section abandoned downstream from pipe crossing- Unable to inspect waterside due to dense vegetation. FIELD_STRUCT_DESC: 16-inch drainpipe through the levee, 3.6 feet below the crown. Cutoff walls around pipe at center of levee. Siphon breaker on apex of pipe at landward shoulder. Pump house on landward shoulder. Pipe discharges into 48-inch pipe with screw gate on landward side. (Permit No. 2742-1959). Repairs made to pipe and a portion replaced, from landward shoulder to discharge end on waterward side, under Permit No. 15380 (1999). Rock revetment placed on waterward slope. Revegetation in progress on waterside. FS Date: 6/4/2013	38.215215 ° -121.608138 °	38.215215 ° -121.608138 °	96
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DWR ID: DWR\_RD0501\_01\_f\_2013\_96

79	2.84	2.84	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:17568 EP_NO: 2742 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: - Pump is operable during inspection.- 16-inch pipe section abandoned downstream from pipe crossing- Unable to inspect waterside due to dense vegetation. FIELD_STRUCT_DESC: 16-inch drainpipe through the levee, 3.6 feet below the crown. Cutoff walls around pipe at center of levee. Siphon breaker on apex of pipe at landward shoulder. Pump house on landward shoulder. Pipe discharges into 48-inch pipe with screw gate on landward side. (Permit No. 2742-1959). Repairs made to pipe and a portion replaced, from landward shoulder to discharge end on waterward side, under Permit No. 15380 (1999). Rock revetment placed on waterward slope. Revegetation in progress on waterside. FS Date: 6/4/2013	38.215215 ° -121.608138 °	38.215215 ° -121.608138 °	97
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DWR ID: DWR\_RD0501\_01\_f\_2013\_97

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

**Levee Inspection Report By Mile - Fall 2013**

**Reclamation District No. 0501 Ryer Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Steamboat Slough	Right	6.76	11/22/2013 11/22/2013	Herman Phillips

LMR No.	Levee Mile		Category	Item	* Location	** Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
80	2.84	2.84	Supplemental	DWR UCIP Field Study	WS	M En	Inspector Comments: FS_ID:17574 EP_NO: 2742 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: - Pump is operable during inspection.- 16-inch pipe section abandoned downstream from pipe crossing- Unable to inspect waterside due to dense vegetation. FIELD_STRUCT_DESC: 16-inch drainpipe through the levee, 3.6 feet below the crown. Cutoff walls around pipe at center of levee. Siphon breaker on apex of pipe at landward shoulder. Pump house on landward shoulder. Pipe discharges into 48-inch pipe with screw gate on landward side. (Permit No. 2742-1959). Repairs made to pipe and a portion replaced, from landward shoulder to discharge end on waterward side, under Permit No. 15380 (1999). Rock revetment placed on waterward slope. Revegetation in progress on waterside. FS Date: 6/4/2013	38.215215 ° -121.608138 °	38.215215 ° -121.608138 °	98
DWR ID: DWR_RD0501_01_f_2013_98										
81	2.84	3.31	Earthen Levee	Vegetation	WS	M Ma	V2 : Remove the wild growth other than native grasses from the levee slopes.	38.215112 ° -121.608273 °	38.208925 ° -121.611162 °	36
DWR ID: DWR_RD0501_01_s_2012_36										
82	2.85	2.93	Supplemental	USACE Erosion Survey	WS	M Ma	Inspector Comments: 2009 - Rock is starting to unravel, probably from a tree pop-out, hard toe. 2012: No observed change. [2012 Site ID: STM_18-9_R]	38.214838 ° -121.608129 °	38.214075 ° -121.608750 °	11 Y
DWR ID:										
83	2.85	2.94	Earthen Levee	Vegetation	LS	M Ma	V2 : Remove the wild growth other than native grasses from the levee slopes.	38.215085 ° -121.608350 °	38.214067 ° -121.609094 °	135
DWR ID: DWR_RD0501_01_f_2013_135										
84	2.92	2.97	Earthen Levee	Vegetation	LS	M En	V6 : Landscaping	38.214235 ° -121.608993 °	38.213547 ° -121.609527 °	37
DWR ID: DWR_RD0501_01_s_2012_37										
85	3.02	3.09	Supplemental	USACE Erosion Survey	WS	M Ma	Inspector Comments: 2000 - Slow erosion of lower and mid-slope with rock bench at the low water line. 2012: No observed change. [2012 Site ID: STM_18-8_R]	38.212573 ° -121.609760 °	38.211596 ° -121.609928 °	28 Y
DWR ID:										

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

**Levee Inspection Report By Mile - Fall 2013**

**Reclamation District No. 0501 Ryer Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Steamboat Slough	Right	6.76	11/22/2013 11/22/2013	Herman Phillips

LMR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
86	3.13	3.13	Supplemental	DWR UCIP Field Study	WS	U En	Inspector Comments: FS_ID:17577 EP_NO: N/A Repair Type: Urgent Crossing Status: Found UCIP Comments: FIELD_STRUCT_DESC: 8-inch steel pipe and 1.5-inch steel electrical conduit through the levee, both 2.0 feet below the crown. Gate valve on waterward side. Cutoff wall around pipe and conduit at center of levee. Siphon breaker on apex of pipe at shoulder. Pump on piling structure on waterward slope installed under Permit No. 9880 (1975). Meter pole at landward toe. Pipe exposed along landward slope. Discharge filter on landward slope installed under Permit No. 9880-B (1975). FS Date: 6/4/2013	38.211379 ° -121.610059 °	38.211379 ° -121.610059 °	99

DWR ID: DWR\_RD0501\_01\_f\_2013\_99

87	3.13	3.13	Supplemental	DWR UCIP Field Study	WS	U En	Inspector Comments: FS_ID:17723 EP_NO: N/A Repair Type: Urgent Crossing Status: Found UCIP Comments: - Pipe through the levee could be bigger than 8-inch UATC. Pipe on landside is 8-inch.- Single line crack on the crown of the alignment - Appears to be 8-inch leaky pipe on landside. FIELD_STRUCT_DESC: 8-inch steel pipe and 1.5-inch steel electrical conduit through the levee, both 2.0 feet below the crown. 3-inch steel pipe at 7 feet upstream from 8-inch pipe. Gate valve on waterward side. Cutoff wall around pipe and conduit at center of levee. Siphon breaker on apex of pipe at landside shoulder. Pump on piling structure on waterward slope installed under Permit No. 9880 (1975). Meter pole at landward toe. Pipe exposed along landward slope. Discharge filter on landward slope installed under Permit No. 9880-B (1975). FS Date: 6/4/2013	38.211379 ° -121.610059 °	38.211379 ° -121.610059 °	100
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DWR ID: DWR\_RD0501\_01\_f\_2013\_100

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

**Levee Inspection Report By Mile - Fall 2013**

**Reclamation District No. 0501 Ryer Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Steamboat Slough	Right	6.76	11/22/2013 11/22/2013	Herman Phillips

LMR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	

88	3.13	3.13	Supplemental	DWR UCIP Field Study	WS	U En	Inspector Comments: FS_ID:17603 EP_NO: N/A Repair Type: Urgent Crossing Status: Found UCIP Comments: - Pipe through the levee could be bigger than 8-inch UATC. Pipe on landside is 8-inch.- Single line crack on the crown of the alignment - Appears to be 8-inch leaky pipe on landside. FIELD_STRUCT_DESC: 8-inch steel pipe and 1.5-inch steel electrical conduit through the levee, both 2.0 feet below the crown. 3-inch steel pipe at 7 feet upstream from 8-inch pipe. Gate valve on waterward side. Cutoff wall around pipe and conduit at center of levee. Siphon breaker on apex of pipe at shoulder. Pump on piling structure on waterward slope installed under Permit No. 9880 (1975). Meter pole at landward toe. Pipe exposed along landward slope. Discharge filter on landward slope installed under Permit No. 9880-B (1975). FS Date: 6/4/2013	38.211379 °	38.211379 °	101
								-121.610059 °	-121.610059 °	
								DWR ID: DWR_RD0501_01_f_2013_101		

89	3.13	3.13	Supplemental	DWR UCIP Field Study	WS	U En	Inspector Comments: FS_ID:17711 EP_NO: N/A Repair Type: Urgent Crossing Status: Found UCIP Comments: - Pipe through the levee could be bigger than 8-inch UATC. Pipe on landside is 8-inch.- Single line crack on the crown of the alignment - Appears to be 8-inch leaky pipe on landside. FIELD_STRUCT_DESC: 8-inch steel pipe and 1.5-inch steel electrical conduit through the levee, both 2.0 feet below the crown. 3-inch steel pipe at 7 feet upstream from 8-inch pipe. Gate valve on waterward side. Cutoff wall around pipe and conduit at center of levee. Siphon breaker on apex of pipe at landside shoulder. Pump on piling structure on waterward slope installed under Permit No. 9880 (1975). Meter pole at landward toe. Pipe exposed along landward slope. Discharge filter on landward slope installed under Permit No. 9880-B (1975). FS Date: 6/4/2013	38.211379 °	38.211379 °	102
								-121.610059 °	-121.610059 °	
								DWR ID: DWR_RD0501_01_f_2013_102		

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

**Levee Inspection Report By Mile - Fall 2013**

**Reclamation District No. 0501 Ryer Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Steamboat Slough	Right	6.76	11/22/2013 11/22/2013	Herman Phillips

LMIR No.	Levee Mile		Category	Item	* Location	+ Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	

90	3.13	3.13	Supplemental	DWR UCIP Field Study	WS	U En	Inspector Comments: FS_ID:17625 EP_NO: N/A Repair Type: Urgent Crossing Status: Found UCIP Comments: - Pipe through the levee could be bigger than 8-inch UATC. Pipe on landside is 8-inch.- Single line crack on the crown of the alignment - Appears to be 8-inch leaky pipe on landside. FIELD_STRUCT_DESC: 8-inch steel pipe and 1.5-inch steel electrical conduit through the levee, both 2.0 feet below the crown. 3-inch steel pipe at 7 feet upstream from 8-inch pipe. Gate valve on waterward side. Cutoff wall around pipe and conduit at center of levee. Siphon breaker on apex of pipe at shoulder. Pump on piling structure on waterward slope installed under Permit No. 9880 (1975). Meter pole at landward toe. Pipe exposed along landward slope. Discharge filter on landward slope installed under Permit No. 9880-B (1975). FS Date: 6/4/2013	38.211379 °	38.211379 °	103
								-121.610059 °	-121.610059 °	Y

DWR ID: DWR\_RD0501\_01\_f\_2013\_103

91	3.13	3.13	Supplemental	DWR UCIP Field Study	WS	U En	Inspector Comments: FS_ID:17743 EP_NO: N/A Repair Type: Urgent Crossing Status: Found UCIP Comments: - Pipe through the levee could be bigger than 8-inch UATC. Pipe on landside is 8-inch.- Single line crack on the crown of the alignment - Appears to be 8-inch leaky pipe on landside. FIELD_STRUCT_DESC: 8-inch steel pipe and 1.5-inch steel electrical conduit through the levee, both 2.0 feet below the crown. 3-inch steel pipe at 7 feet upstream from 8-inch pipe. Gate valve on waterward side. Cutoff wall around pipe and conduit at center of levee. Siphon breaker on apex of pipe at landside shoulder. Pump on piling structure on waterward slope installed under Permit No. 9880 (1975). Meter pole at landward toe. Pipe exposed along landward slope. Discharge filter on landward slope installed under Permit No. 9880-B (1975). FS Date: 6/4/2013	38.211379 °	38.211379 °	104
								-121.610059 °	-121.610059 °	

DWR ID: DWR\_RD0501\_01\_f\_2013\_104

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

**Levee Inspection Report By Mile - Fall 2013**

**Reclamation District No. 0501 Ryer Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Steamboat Slough	Right	6.76	11/22/2013 11/22/2013	Herman Phillips

LMIR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	

92	3.14	3.14	Supplemental	DWR UCIP Field Study	WS	U En	Inspector Comments: FS_ID:18575 EP_NO: N/A Repair Type: Urgent Crossing Status: Found UCIP Comments: Damage present to pipe (leak)--recommend conducting test to determine integrity of pipe wall (video, pressure, or other test). Additional notes available: 8-inch is leaking on landward side--white sealant and rag used to seal hole, single line crack on the crown of the alignment, pipe through the levee could be bigger than 8-inch unable to confirm, and 3-inch steel pipe at 7 feet upstream from 8-inch pipe. FIELD_STRUCT_DESC: 8-inch steel pipe and 1.5-inch steel electrical conduit through the levee, both 2.0 feet below the crown. Gate valve on waterward side. Cutoff wall around pipe and conduit at center of levee. Siphon breaker on apex of pipe at landside shoulder. Pump on piling structure on waterward slope installed under Permit No. 9880 (1975). Meter pole at landward toe. Pipe exposed along landward slope. Discharge filter on landward slope installed under Permit No. 9880-B (1975). FS Date: 6/4/2013	38.211361 ° -121.610178 °	38.211361 ° -121.610178 °	105
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DWR ID: DWR\_RD0501\_01\_f\_2013\_105

93	3.14	3.14	Supplemental	DWR UCIP Field Study	WS	U En	Inspector Comments: FS_ID:18567 EP_NO: N/A Repair Type: Urgent Crossing Status: Found UCIP Comments: Damage present to pipe (leak)--recommend conducting test to determine integrity of pipe wall (video, pressure, or other test). Additional notes available: 8-inch is leaking on landward side--white sealant and rag used to seal hole, single line crack on the crown of the alignment, pipe through the levee could be bigger than 8-inch unable to confirm. FIELD_STRUCT_DESC: 8-inch steel pipe and 1.5-inch steel electrical conduit through the levee, both 2.0 feet below the crown. 3-inch steel pipe at 7 feet upstream from 8-inch pipe. Gate valve on waterward side. Cutoff wall around pipe and conduit at center of levee. Siphon breaker on apex of pipe at landside shoulder. Pump on piling structure on waterward slope installed under Permit No. 9880 (1975). Meter pole at landward toe. Pipe exposed along landward slope. Discharge filter on landward slope installed under Permit No. 9880-B (1975). FS Date: 6/4/2013	38.211361 ° -121.610178 °	38.211361 ° -121.610178 °	106
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DWR ID: DWR\_RD0501\_01\_f\_2013\_106

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

**Levee Inspection Report By Mile - Fall 2013**

**Reclamation District No. 0501 Ryer Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Steamboat Slough	Right	6.76	11/22/2013 11/22/2013	Herman Phillips

LMIR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	

94	3.14	3.14	Supplemental	DWR UCIP Field Study	LS	U En	Inspector Comments: FS_ID:18569 EP_NO: N/A Repair Type: Urgent Crossing Status: Found UCIP Comments: Damage present to pipe (leak)--recommend conducting test to determine integrity of pipe wall (video, pressure, or other test). Additional notes available: 8-inch is leaking on landward side--white sealant and rag used to seal hole, single line crack on the crown of the alignment, pipe through the levee could be bigger than 8-inch unable to confirm, and 3-inch steel pipe at 7 feet upstream from 8-inch pipe. FIELD_STRUCT_DESC: 8-inch steel pipe and 1.5-inch steel electrical conduit through the levee, both 2.0 feet below the crown. Gate valve on waterward side. Cutoff wall around pipe and conduit at center of levee. Siphon breaker on apex of pipe at landside shoulder. Pump on piling structure on waterward slope installed under Permit No. 9880 (1975). Meter pole at landward toe. Pipe exposed along landward slope. Discharge filter on landward slope installed under Permit No. 9880-B (1975). FS Date: 6/4/2013	38.211361 ° -121.610178 °	38.211361 ° -121.610178 °	107
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DWR ID: DWR\_RD0501\_01\_f\_2013\_107

95	3.14	3.14	Supplemental	DWR UCIP Field Study	LS	U En	Inspector Comments: FS_ID:19584 EP_NO: N/A Repair Type: Urgent Crossing Status: Found UCIP Comments: Damage present to pipe (leak)--recommend conducting test to determine integrity of pipe wall (video, pressure, or other test). Additional notes available: 8-inch is leaking on landward side--white sealant and rag used to seal hole, single line crack on the crown of the alignment, pipe through the levee could be bigger than 8-inch unable to confirm. Also found 3-inch steel pipe approximately 7 feet upstream from 8-inch pipe (authorized or unauthorized?). FIELD_STRUCT_DESC: 8-inch steel pipe and 1.5-inch steel electrical conduit through the levee, both 2.0 feet below the crown. Gate valve on waterward side. Cutoff wall around pipe and conduit at center of levee. Siphon breaker on apex of pipe at landside shoulder. Pump on piling structure on waterward slope installed under Permit No. 9880 (1975). Meter pole at landward toe. Pipe exposed along landward slope. Discharge filter on landward slope installed under Permit No. 9880-B (1975). FS Date: 6/4/2013	38.211361 ° -121.610178 °	38.211361 ° -121.610178 °	108
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DWR ID: DWR\_RD0501\_01\_f\_2013\_108

96	3.20	3.27	Earthen Levee	Trim / Thin Trees	LS	U Ma	T2 : Thin trees to allow visibility of the ground and room to flood fight.	38.210508 ° -121.610468 °	38.209531 ° -121.610905 °	137 Y
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DWR ID: DWR\_RD0501\_01\_f\_2013\_137

97	3.20	3.24	Earthen Levee	Vegetation	LS	M En	V6 : Landscaping	38.210429 ° -121.610503 °	38.209974 ° -121.610703 °	15
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DWR ID: DWR\_RD0501\_01\_s\_2012\_15

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

**Levee Inspection Report By Mile - Fall 2013**

**Reclamation District No. 0501 Ryer Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Steamboat Slough	Right	6.76	11/22/2013 11/22/2013	Herman Phillips

LMIR No.	Levee Mile		Category	Item	* Location	+ Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
98	3.25	3.26	Earthen Levee	Encroachments	LS	U En	MA : Material Inspector Comments: There is stock pile of equipment and materials on the levee section that needs to be removed off the levee.	38.209811 ° -121.610813 °	38.209713 ° -121.610882 °	63 Y
DWR ID: DWR_RD0501_01_f_2012_63										
99	3.27	3.33	Earthen Levee	Trim / Thin Trees	LS	M Ma	T1 : Trim trees to at least five feet above ground level.	38.209548 ° -121.610882 °	38.208632 ° -121.611275 °	41 Y
DWR ID: DWR_RD0501_01_s_2012_41										
100	3.27	3.49	Earthen Levee	Vegetation	LS	U Ma	V2 : Remove the wild growth other than native grasses from the levee slopes. Inspector Comments: Unwanted berryvines on landside slope at toe upstream and downstream from location. Levee mile 3.48	38.209531 ° -121.610905 °	38.206494 ° -121.612244 °	138
DWR ID: DWR_RD0501_01_f_2013_138										
101	3.34	3.36	Earthen Levee	Trim / Thin Trees	LS	U Ma	T1 : Trim trees to at least five feet above ground level. Inspector Comments: The district needs to do a better job in controlling the wild growth of trees on the levee section.	38.208468 ° -121.611348 °	38.208292 ° -121.611437 °	43 Y
DWR ID: DWR_RD0501_01_s_2012_43										
102	3.47	3.47	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:18578 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Pipe was running during inspection. Crack on crown surface could be associated with pipe vibration during operation. Recommend the following: determine owner of crossing, ask owner to clear vegetation along pipe alignment, and obtain maintenance records for crossing. FIELD_STRUCT_DESC: 20-inch pipe through the levee, 2.2 feet below the crown. 1.5-inch electrical conduit along side 20 inch pipe. Pump on platform on waterward side. Walkway present on waterward side. Stand pipe located on landward toe. Pipe exposed along both slopes. (USACE-1959). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (HLM 3.70). FS Date: 6/4/2013	38.206688 ° -121.611968 °	38.206688 ° -121.611968 °	109
DWR ID: DWR_RD0501_01_f_2013_109										

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

**Levee Inspection Report By Mile - Fall 2013**

**Reclamation District No. 0501 Ryer Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Steamboat Slough	Right	6.76	11/22/2013 11/22/2013	Herman Phillips

LMR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
103	3.47	3.47	Supplemental	DWR UCIP Field Study	WS	M En	Inspector Comments: FS_ID:18577 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Pipe was running during inspection. Crack on crown surface could be associated with pipe vibration during operation. Recommend the following: determine owner of crossing, ask owner to clear vegetation along pipe alignment, and obtain maintenance records for crossing. FIELD_STRUCT_DESC: 20-inch pipe through the levee, 2.2 feet below the crown. 1.5-inch electrical conduit along side 20 inch pipe. Pump on platform on waterward side. Walkway present on waterward side. Stand pipe located on landward toe. Pipe exposed along both slopes. (USACE-1959). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (HLM 3.70). FS Date: 6/4/2013	38.206688 ° -121.611968 °	38.206688 ° -121.611968 °	110 Y
DWR ID: DWR_RD0501_01_f_2013_110										
104	3.48	3.48	Supplemental	DWR UCIP Field Study	WS	M En	Inspector Comments: FS_ID:18624 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Pipe was running during inspection. Crack on crown surface could be associated with pipe vibration during operation. Recommend the following: determine owner of crossing, ask owner to clear vegetation along pipe alignment, and obtain maintenance records for crossing. FIELD_STRUCT_DESC: 20-inch pipe through the levee, 2.2 feet below the crown. 1.5-inch electrical conduit along side 20 inch pipe. Pump on platform on waterward side. Walkway present on waterward side. Stand pipe located on landward toe. Pipe exposed along both slopes. (USACE-1959). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (HLM 3.70). FS Date: 6/4/2013	38.206719 ° -121.612098 °	38.206719 ° -121.612098 °	111
DWR ID: DWR_RD0501_01_f_2013_111										
105	3.49	3.60	Earthen Levee	Vegetation	LS	U Ma	V7 : Trees / Woody Vegetation	38.206494 ° -121.612244 °	38.205020 ° -121.612824 °	140 Y
DWR ID: DWR_RD0501_01_f_2013_140										
106	3.49	3.81	Earthen Levee	Vegetation	WS	M Ma	V1 : Control annual grass and weeds on the levee slopes and easements.	38.206494 ° -121.612244 °	38.202098 ° -121.613783 °	139
DWR ID: DWR_RD0501_01_f_2013_139										
107	3.60	3.81	Earthen Levee	Trim / Thin Trees	LS	M Ma	T1 : Trim trees to at least five feet above ground level.	38.205014 ° -121.612821 °	38.202066 ° -121.613793 °	141
DWR ID: DWR_RD0501_01_f_2013_141										
108	3.60	3.66	Earthen Levee	Trim / Thin Trees	LS	M Ma	T3 : Trim and thin trees to allow visibility of the ground and room to flood fight.	38.204983 ° -121.612868 °	38.204227 ° -121.613045 °	47
DWR ID: DWR_RD0501_01_s_2012_47										

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

**Levee Inspection Report By Mile - Fall 2013**

**Reclamation District No. 0501 Ryer Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Steamboat Slough	Right	6.76	11/22/2013 11/22/2013	Herman Phillips

LMIR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
109	3.74	3.76	Earthen Levee	Vegetation	WS	M Ma	V2 : Remove the wild growth other than native grasses from the levee slopes.	38.202997 ° -121.613447 °	38.202730 ° -121.613520 °	49
DWR ID: DWR_RD0501_01_s_2012_49										
110	3.76	3.80	Earthen Levee	Vegetation	LS	M Ma	V2 : Remove the wild growth other than native grasses from the levee slopes.	38.202820 ° -121.613498 °	38.202197 ° -121.613732 °	50
DWR ID: DWR_RD0501_01_s_2012_50										
111	3.76	3.80	Earthen Levee	Trim / Thin Trees	LS	M Ma	T2 : Thin trees to allow visibility of the ground and room to flood fight.	38.202812 ° -121.613495 °	38.202213 ° -121.613733 °	51
DWR ID: DWR_RD0501_01_s_2012_51										
112	3.76	4.16	Earthen Levee	Trim / Thin Trees	LS	M Ma	T2 : Thin trees to allow visibility of the ground and room to flood fight.	38.202818 ° -121.613545 °	38.197492 ° -121.616342 °	79
DWR ID: DWR_RD0501_01_s_2012_79										
113	3.77	4.14	Earthen Levee	Vegetation	WS	M Ma	V2 : Remove the wild growth other than native grasses from the levee slopes.	38.202657 ° -121.613553 °	38.197778 ° -121.616080 °	974
DWR ID: DWR_RD0501_01_s_2012_974										
114	3.77	3.77	Earthen Levee	Vegetation	LS	U Ma	V7 : Trees / Woody Vegetation	38.202627 ° -121.613587 °	38.202625 ° -121.613590 °	142 Y
DWR ID: DWR_RD0501_01_f_2013_142										
115	3.77	3.81	Earthen Levee	Vegetation	WS	U Ma	V2 : Remove the wild growth other than native grasses from the levee slopes.	38.202625 ° -121.613589 °	38.202098 ° -121.613783 °	143
DWR ID: DWR_RD0501_01_f_2013_143										
116	3.79	3.94	Earthen Levee	Vegetation	WS	U Ma	V2 : Remove the wild growth other than native grasses from the levee slopes.	38.201907 ° -121.613812 °	38.199851 ° -121.614710 °	39 Y
DWR ID: DWR_RD0501_01_s_2012_39										
117	3.80	4.14	Earthen Levee	Vegetation	LS	C Ma	V2 : Remove the wild growth other than native grasses from the levee slopes. Inspector Comments: Wild growth of berries 3-5 foot tall from shoulder to toe of slope.	38.202193 ° -121.613735 °	38.197748 ° -121.616083 °	16
DWR ID: DWR_RD0501_01_s_2012_16										
118	3.96	4.03	Earthen Levee	Vegetation	LS	U Ma	V7 : Trees / Woody Vegetation	38.200078 ° -121.614578 °	38.199154 ° -121.615133 °	136 Y
DWR ID: DWR_RD0501_01_f_2013_136										
119	4.18	4.24	Earthen Levee	Vegetation	LS	M Ma	V2 : Remove the wild growth other than native grasses from the levee slopes.	38.197277 ° -121.616550 °	38.196657 ° -121.617286 °	17
DWR ID: DWR_RD0501_01_s_2012_17										
120	4.18	4.37	Earthen Levee	Vegetation	WS	M Ma	V2 : Remove the wild growth other than native grasses from the levee slopes.	38.197254 ° -121.616522 °	38.195576 ° -121.619088 °	29
DWR ID: DWR_RD0501_01_s_2012_29										

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

**Levee Inspection Report By Mile - Fall 2013**

**Reclamation District No. 0501 Ryer Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Steamboat Slough	Right	6.76	11/22/2013 11/22/2013	Herman Phillips

LMR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	

121	4.29	4.29	Supplemental	DWR UCIP Field Study	WS	M En	Inspector Comments: FS_ID:17783 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: - appears pipe section was altered/modified through levee crown. 12-inch pipe sleeved through existing pipe.- dense vegetation on waterside -- limited inspection inaccessible pump station- electrical conduit is disconnected on landside FIELD_STRUCT_DESC: 14-inch pipe through the levee, 3.2 feet below the crown. 12-inch pipe sleeved through existing 14-inch pipe and annular space grouted. 1.5-inch electrical conduit runs parrallel along 14-inch pipe. Pump on pile structure in channel. Walkway to pump. (USACE-1959). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (HLM 4.30). FS Date: 6/4/2013	38.196116 °	38.196116 °	112
								-121.617829 °	-121.617829 °	Y

DWR ID: DWR\_RD0501\_01\_f\_2013\_112

122	4.29	4.29	Supplemental	DWR UCIP Field Study	WS	M En	Inspector Comments: FS_ID:17587 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: - appears pipe section was altered/modified through levee crown. 12-inch pipe sleeved through existing pipe.- dense vegetation an waterside -- limited inspection inaccessible pump station- electrical conduit is disconnected on landside FIELD_STRUCT_DESC: 14-inch pipe through the levee, 3.2 feet below the crown. 12-inch pipe sleeved through existing 14-inch pipe and annular space grouted. 1.5-inch electrical conduit runs parrallel along 14-inch pipe. Pump on pile structure in channel. Walkway to pump. (USACE-1959). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (HLM 4.30). FS Date: 6/4/2013	38.196116 °	38.196116 °	113
								-121.617829 °	-121.617829 °	

DWR ID: DWR\_RD0501\_01\_f\_2013\_113

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

**Levee Inspection Report By Mile - Fall 2013**

**Reclamation District No. 0501 Ryer Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Steamboat Slough	Right	6.76	11/22/2013 11/22/2013	Herman Phillips

LMIR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	

123	4.29	4.29	Supplemental	DWR UCIP Field Study	WS	M En	Inspector Comments: FS_ID:18625 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Pipe section was altered/modified through levee crown. 12-inch pipe sleeved through existing pipe. Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) through the slope. Additional Notes: electrical conduit is disconnected on landside. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances. Also need to contact owner to obtain maintenance records for crossing--need permit authorizing modifications. FIELD_STRUCT_DESC: 14-inch pipe through the levee, 3.2 feet below the crown. 12-inch pipe sleeved through existing 14-inch pipe and annular space grouted. 1.5-inch electrical conduit runs parrallel along 14-inch pipe. Pump on pile structure in channel. Walkway to pump. (USACE-1959). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (HLM 4.30). FS Date: 6/4/2013	38.196177 ° -121.617899 °	38.196177 ° -121.617899 °	114
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DWR ID: DWR\_RD0501\_01\_f\_2013\_114

124	4.29	4.29	Supplemental	DWR UCIP Field Study	WS	M En	Inspector Comments: FS_ID:19644 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Pipe section was altered/modified through levee crown. 12-inch pipe sleeved through existing pipe. Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) through the slope. Additional Notes: electrical conduit is disconnected on landside. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances. Also need to contact owner to obtain maintenance records for crossing--need permit authorizing modifications. FIELD_STRUCT_DESC: 14-inch pipe through the levee, 3.2 feet below the crown. 12-inch pipe sleeved through existing 14-inch pipe and annular space grouted. 1.5-inch electrical conduit runs parrallel along 14-inch pipe. Pump on pile structure in channel. Walkway to pump. (USACE-1959). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (HLM 4.30). FS Date: 6/4/2013	38.196177 ° -121.617899 °	38.196177 ° -121.617899 °	115
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DWR ID: DWR\_RD0501\_01\_f\_2013\_115

125	4.41	4.41	Earthen Levee	Vegetation	LS	M Ma	V4 : Elderberries are blocking visibility and flood fight capability.	38.195332 ° -121.619749 °	38.195310 ° -121.619801 °	19
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DWR ID: DWR\_RD0501\_01\_s\_2012\_19

126	4.98	4.99	Earthen Levee	Encroachments	LS	M Ma	EQ : Equipment	38.195057 ° -121.629965 °	38.195068 ° -121.630173 °	977
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DWR ID: DWR\_RD0501\_01\_s\_2012\_977

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

**Levee Inspection Report By Mile - Fall 2013**

**Reclamation District No. 0501 Ryer Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Steamboat Slough	Right	6.76	11/22/2013 11/22/2013	Herman Phillips

LMR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	

140	6.70	6.70	Supplemental	DWR UCIP Field Study	WS	M En	Inspector Comments: FS_ID:18665 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) through the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtances. If structure is trully abandoned--need to find owner to properly abandone crossing. FIELD_STRUCT_DESC: Abandoned 16-inch pipe through the levee, 6.5 feet below the crown. Siphon breaker and service pole on landward shoulder. Electrical box on landside toe. Pump on pile stucture in channel. FS Date: 6/4/2013	38.183961 °	38.183961 °	116
								-121.656860 °	-121.656860 °	Y

DWR ID: DWR\_RD0501\_01\_f\_2013\_116

141	6.70	6.70	Supplemental	DWR UCIP Field Study	WS	U En	Inspector Comments: FS_ID:17765 EP_NO: N/A Repair Type: Urgent Crossing Status: Found UCIP Comments: Difficult to access due to dense vegetation on both landside and waerside. FIELD_STRUCT_DESC: Abandoned 16-inch pipe through the levee, 6.5 feet below the crown. Siphon breaker and service pole on landward shoulder. Electrical box on landside toe. Pump on pile stucture in channel. FS Date: 6/4/2013	38.183961 °	38.183961 °	117
								-121.656860 °	-121.656860 °	

DWR ID: DWR\_RD0501\_01\_f\_2013\_117

142	6.70	6.70	Supplemental	DWR UCIP Field Study	WS	U En	Inspector Comments: FS_ID:17590 EP_NO: N/A Repair Type: Urgent Crossing Status: Found UCIP Comments: Difficult to access due to dense vegetation on both landside and waerside. FIELD_STRUCT_DESC: Abandoned 16-inch pipe through the levee, 6.5 feet below the crown. Siphon breaker and service pole on landward shoulder. Pump on pile stucture in channel. FS Date: 6/4/2013	38.183961 °	38.183961 °	118
								-121.656860 °	-121.656860 °	

DWR ID: DWR\_RD0501\_01\_f\_2013\_118

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

**Levee Inspection Report By Mile - Fall 2013**

**Reclamation District No. 0501 Ryer Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Steamboat Slough	Right	6.76	11/22/2013 11/22/2013	Herman Phillips

LMR No.	Levee Mile		Category	Item	* Location	** Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
143	6.70	6.70	Supplemental	DWR UCIP Field Study	WS	M En	Inspector Comments: FS_ID:19645 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) through the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances. If structure is trully abandoned--need to find owner to properly abandone crossing. FIELD_STRUCT_DESC: Abandoned 16-inch pipe through the levee, 6.5 feet below the crown. Siphon breaker and service pole on landward shoulder. Electrical box on landside toe. Pump on pile stucture in channel. FS Date: 6/4/2013	38.183961 ° -121.656860 °	38.183961 ° -121.656860 °	119

DWR ID: DWR\_RD0501\_01\_f\_\_2013\_119

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

**Levee Inspection Report By Mile - Fall 2013**

**Reclamation District No. 0501 Ryer Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Steamboat Slough	Right	6.76	11/22/2013 11/22/2013	Herman Phillips

Levee Mile Report Line	4
Start Levee Mile	0.01
End Levee Mile	0.01
Location	Land Side
Category	Earthen Levee
Item	Vegetation
RD 501 Landside looking downstream from 0.01. Photo taken 11-22-2013.	
phillips_f_20131203_749.JPG	



Levee Mile Report Line	5
Start Levee Mile	0.02
End Levee Mile	0.03
Location	Water Side
Category	Earthen Levee
Item	Vegetation
RD 501 Looking downstream from levee mile 0.02. Photo taken 11-22-2013.	
phillips_f_20131203_750.JPG	



Levee Mile Report Line	6
Start Levee Mile	0.02
End Levee Mile	0.03
Location	Land Side
Category	Earthen Levee
Item	Vegetation
Unsatisfactory woody vegetation blocking visibility of levee section. Photo taken 11-22-2013.	
phillips_f_20131203_751.JPG	



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

**Levee Inspection Report By Mile - Fall 2013**

**Reclamation District No. 0501 Ryer Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Steamboat Slough	Right	6.76	11/22/2013 11/22/2013	Herman Phillips

Levee Mile Report Line	12
Start Levee Mile	0.13
End Levee Mile	0.24
Location	Land Side
Category	Earthen Levee
Item	Trim / Thin Trees

Levee mile 0.13: District needs to remove the fig trees from levee section on the land side, not trim them up like shown in this photo. All these shown here are less than 2-inches in diameter.

phillips\_f\_20130925\_871.jpg



Levee Mile Report Line	15
Start Levee Mile	0.17
End Levee Mile	0.17
Location	Land Side
Category	Supplemental
Item	DWR UCIP Field Study

Overview of landward side--electrical controls, conduit, pipe, and new sleeved PVC line.

UCIP\_10574.jpg



Levee Mile Report Line	27
Start Levee Mile	0.26
End Levee Mile	0.28
Location	Land Side
Category	Earthen Levee
Item	Trim / Thin Trees

Unsatisfactory growth of fig trees that has the slope covered past the landward toe, unable to see the levee section. Photo taken 4-9-2013. No new photo taken 11-22-2013.

phillips\_f\_20130925\_872.JPG



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

**Levee Inspection Report By Mile - Fall 2013**

**Reclamation District No. 0501 Ryer Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Steamboat Slough	Right	6.76	11/22/2013 11/22/2013	Herman Phillips

Levee Mile Report Line	35
Start Levee Mile	0.38
End Levee Mile	0.38
Location	Land Side
Category	Supplemental
Item	DWR UCIP Field Study
Overview of landside. Pump house and power pole visible on landward side.	
UCIP_10581.jpg	



Levee Mile Report Line	42
Start Levee Mile	0.43
End Levee Mile	0.43
Location	Land Side
Category	Supplemental
Item	DWR UCIP Field Study
Overview of waterside at crossing. Marker on shoulder.	
UCIP_10185.jpg	



Levee Mile Report Line	51
Start Levee Mile	0.75
End Levee Mile	0.94
Location	Land Side
Category	Earthen Levee
Item	Vegetation
Unsatisfactory growth of blackberries on slope and toe. Photo taken 11-22-2013.	
phillips_f_20131203_755.JPG	



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

**Levee Inspection Report By Mile - Fall 2013**

**Reclamation District No. 0501 Ryer Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Steamboat Slough	Right	6.76	11/22/2013 11/22/2013	Herman Phillips

Levee Mile Report Line	52
Start Levee Mile	0.98
End Levee Mile	1.04
Location	Land Side
Category	Earthen Levee
Item	Vegetation
Wild growth of berries on landward slope and toe. Photo taken 11-22-2013.	
phillips_f_20131203_756.JPG	



Levee Mile Report Line	55
Start Levee Mile	1.01
End Levee Mile	1.02
Location	Water Side
Category	Earthen Levee
Item	Vegetation
Unsatisfactory woody tree growth blocking visibility of levee section. Photo taken 11-22-2013.	
phillips_f_20131203_757.JPG	



Levee Mile Report Line	56
Start Levee Mile	1.02
End Levee Mile	1.02
Location	Land Side
Category	Earthen Levee
Item	Vegetation
Looking downstream from levee mile 1.02 landside toe and slope at wild berries. Photo taken 11-22-2013.	
phillips_f_20131203_758.JPG	



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

**Levee Inspection Report By Mile - Fall 2013**

**Reclamation District No. 0501 Ryer Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Steamboat Slough	Right	6.76	11/22/2013 11/22/2013	Herman Phillips

Levee Mile Report Line	60
Start Levee Mile	1.55
End Levee Mile	1.74
Location	Land Side
Category	Earthen Levee
Item	Vegetation
Looking downstream landward slope and toe over grown with wild berries and horsetail.	
phillips_f_20130925_874.JPG	



Levee Mile Report Line	62
Start Levee Mile	1.96
End Levee Mile	1.97
Location	Land Side
Category	Earthen Levee
Item	Vegetation
Wild growth on wateside slope. Photo taken 11-22-2013.	
phillips_f_20131203_759.JPG	



Levee Mile Report Line	73
Start Levee Mile	2.83
End Levee Mile	2.83
Location	Land Side
Category	Supplemental
Item	DWR UCIP Field Study
Pump house on landward slope. A abandoned pipe section on landward slope.	
UCIP_10597.jpg	



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

**Levee Inspection Report By Mile - Fall 2013**

**Reclamation District No. 0501 Ryer Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Steamboat Slough	Right	6.76	11/22/2013 11/22/2013	Herman Phillips

Levee Mile Report Line	82
Start Levee Mile	2.85
End Levee Mile	2.93
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey
USACE 2012 Photo #1	
USACE2013_STM_18-9_R_1.jpg	



Levee Mile Report Line	82
Start Levee Mile	2.85
End Levee Mile	2.93
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey
USACE 2012 Photo #2	
USACE2013_STM_18-9_R_2.jpg	



Levee Mile Report Line	82
Start Levee Mile	2.85
End Levee Mile	2.93
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey
USACE 2012 Photo #3	
USACE2013_STM_18-9_R_3.jpg	



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

**Levee Inspection Report By Mile - Fall 2013**

**Reclamation District No. 0501 Ryer Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Steamboat Slough	Right	6.76	11/22/2013 11/22/2013	Herman Phillips

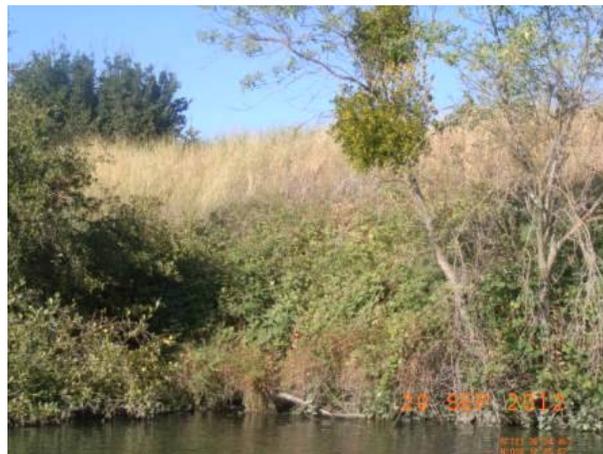
Levee Mile Report Line	85
Start Levee Mile	3.02
End Levee Mile	3.09
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey
USACE 2012 Photo #1	
USACE2013_STM_18-8_R_1.jpg	



Levee Mile Report Line	85
Start Levee Mile	3.02
End Levee Mile	3.09
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey
USACE 2012 Photo #2	
USACE2013_STM_18-8_R_2.jpg	



Levee Mile Report Line	85
Start Levee Mile	3.02
End Levee Mile	3.09
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey
USACE 2012 Photo #3	
USACE2013_STM_18-8_R_3.jpg	



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

**Levee Inspection Report By Mile - Fall 2013**

**Reclamation District No. 0501 Ryer Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Steamboat Slough	Right	6.76	11/22/2013 11/22/2013	Herman Phillips

Levee Mile Report Line	90
Start Levee Mile	3.13
End Levee Mile	3.13
Location	Land Side
Category	Supplemental
Item	DWR UCIP Field Study

Overview of landside

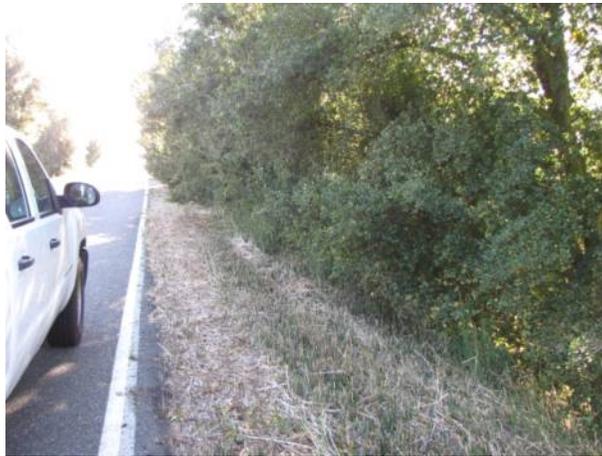
UCIP\_10031.jpg



Levee Mile Report Line	96
Start Levee Mile	3.20
End Levee Mile	3.27
Location	Land Side
Category	Earthen Levee
Item	Trim / Thin Trees

Woody growth on shoulder and slope. Photo taken 11-22-2013.

phillips\_f\_20131203\_760.JPG



Levee Mile Report Line	98
Start Levee Mile	3.25
End Levee Mile	3.26
Location	Land Side
Category	Earthen Levee
Item	Encroachments

RD 501, equipment and materials placed along the toe and slope landward looking back upstream. Photo taken 11-26-2012. No change during my inspection 4-9-2013. No new photo taken.

phillips\_f\_20130925\_887.jpg



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

**Levee Inspection Report By Mile - Fall 2013**

**Reclamation District No. 0501 Ryer Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Steamboat Slough	Right	6.76	11/22/2013 11/22/2013	Herman Phillips

Levee Mile Report Line	101
Start Levee Mile	3.34
End Levee Mile	3.36
Location	Land Side
Category	Earthen Levee
Item	Trim / Thin Trees
<p>Unsatisfactory wild growth covering the landside slope, shoulder and slope. Photo taken 4-9-2013. No new photo 11-22-2013.</p>	
<p>phillips_f_20130925_883.JPG</p>	



Levee Mile Report Line	103
Start Levee Mile	3.47
End Levee Mile	3.47
Location	Land Side
Category	Supplemental
Item	DWR UCIP Field Study
<p>View of waterward side--siphon breaker, walkway, platform, pump, and control panel.</p>	
<p>UCIP_10628.jpg</p>	



Levee Mile Report Line	105
Start Levee Mile	3.49
End Levee Mile	3.60
Location	Land Side
Category	Earthen Levee
Item	Vegetation
<p>Looking back upstream from landside slope wild growth of black Locust trees on slope. Photo taken 11-22-2013.</p>	
<p>phillips_f_20131203_754.JPG</p>	



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

**Levee Inspection Report By Mile - Fall 2013**

**Reclamation District No. 0501 Ryer Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Steamboat Slough	Right	6.76	11/22/2013 11/22/2013	Herman Phillips

Levee Mile Report Line	114
Start Levee Mile	3.77
End Levee Mile	3.77
Location	Land Side
Category	Earthen Levee
Item	Vegetation
<p>Unsatisfactory woody growth on landward slope and shoulder blocking view of levee section. Photo taken 11-22-2013.</p>	
<p>phillips_f_20131203_753.JPG</p>	



Levee Mile Report Line	116
Start Levee Mile	3.79
End Levee Mile	3.94
Location	Water Side
Category	Earthen Levee
Item	Vegetation
<p>RD 501, unsatisfactory wooded growth on landward slope and toe of levee section. Photo taken 11-26-2012.</p>	
<p>phillips_f_20130925_876.jpg</p>	



Levee Mile Report Line	118
Start Levee Mile	3.96
End Levee Mile	4.03
Location	Land Side
Category	Earthen Levee
Item	Vegetation
<p>Woody growth landside slope blocking visibility. Photo taken 11-22-2013.</p>	
<p>phillips_f_20131203_761.JPG</p>	



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

**Levee Inspection Report By Mile - Fall 2013**

**Reclamation District No. 0501 Ryer Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Steamboat Slough	Right	6.76	11/22/2013 11/22/2013	Herman Phillips

Levee Mile Report Line	121
Start Levee Mile	4.29
End Levee Mile	4.29
Location	Water Side
Category	Supplemental
Item	DWR UCIP Field Study
Standpipe, air vent and 14-inch steel pipe.	
UCIP_10084.jpg	



Levee Mile Report Line	134
Start Levee Mile	5.75
End Levee Mile	5.82
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey
USACE 2012 Photo #1	
USACE2013_STM_15-7_R_1.jpg	



Levee Mile Report Line	134
Start Levee Mile	5.75
End Levee Mile	5.82
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey
USACE 2012 Photo #2	
USACE2013_STM_15-7_R_2.jpg	



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

**Levee Inspection Report By Mile - Fall 2013**

**Reclamation District No. 0501 Ryer Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Steamboat Slough	Right	6.76	11/22/2013 11/22/2013	Herman Phillips

Levee Mile Report Line	134
Start Levee Mile	5.75
End Levee Mile	5.82
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey
USACE 2012 Photo #3	
USACE2013_STM_15-7_R_3.jpg	



Levee Mile Report Line	135
Start Levee Mile	5.91
End Levee Mile	5.92
Location	Land Side
Category	Earthen Levee
Item	Vegetation
Woody growth blocking levee slope and toe. Photo taken 11-22-2013.	
phillips_f_20131203_762.JPG	



Levee Mile Report Line	140
Start Levee Mile	6.70
End Levee Mile	6.70
Location	Land Side
Category	Supplemental
Item	DWR UCIP Field Study
Electrical box visible on landward toe.	
UCIP_10652.jpg	



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

**Unit Cover Sheet**

**Fall 2013 Levee Inspection Results**

**Reclamation District No. 0501 Ryer Island**

Waterway		Bank	Unit Miles
Unit No. 02 Cache Slough		Left	3.57

	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			<b>U</b>	
Date of Inspection	04/09/2013 - 04/09/2013		11/25/2013 - 11/25/2013	
DWR Inspector	Herman Phillips		Herman Phillips	
Accompanied By	Mike Magilton RD 501			

**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 2013**

**Reclamation District No. 0501 Ryer Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Cache Slough	Left	3.57	11/25/2013 11/25/2013	Herman Phillips

LMIR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
1	0.00	0.00	Earthen Levee	Vegetation	LS	A	V1 : Control annual grass and weeds on the levee slopes and easements.	38.184050 ° -121.657710 °	38.184050 ° 121.657710 °	77 Y
DWR ID: DWR_RD0501_02_f_2013_77										
2	0.00	0.08	Earthen Levee	Encroachments	WS	M	FE : Fence	38.184050 ° -121.657713 °	38.185178 ° -121.658515 °	2
DWR ID: DWR_RD0501_02_s_2012_2										
3	0.49	3.50	Earthen Levee	Vegetation	WS	M	V2 : Remove the wild growth other than native grasses from the levee slopes.	38.190509 ° -121.656805 °	38.227237 ° -121.673078 °	9
DWR ID: DWR_RD0501_02_s_2012_9										
4	0.53	0.53	Earthen Levee	Trim / Thin Trees	WS	M	T3 : Trim and thin trees to allow visibility of the ground and room to flood fight.	38.191117 ° -121.656468 °	38.191170 ° -121.656437 °	11
DWR ID: DWR_RD0501_02_s_2012_11										
5	0.56	0.56	Supplemental	DWR UCIP Field Study	WS	M	Inspector Comments: FS_ID:19646 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) through the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances. Need to determine owner and purpose for crossing. FIELD_STRUCT_DESC: 10-inch pipe sleeved through a 12-inch pipe through the levee, 5.0 feet below the crown. Pump on waterward side. (USACE-1959). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (HLM 0.60). FS Date: 6/7/2013	38.191452 ° -121.656188 °	38.191452 ° -121.656188 °	19
DWR ID: DWR_RD0501_02_f_2013_19										
6	0.56	0.56	Supplemental	DWR UCIP Field Study	WS	M	Inspector Comments: FS_ID:18706 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) through the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances. Recommend pressure test or video inspection to determine internal condition of pipe. Need to determine owner and purpose for crossing. FIELD_STRUCT_DESC: 10-inch pipe sleeved through a 12-inch pipe through the levee, 5.0 feet below the crown. Pump on waterward side. (USACE-1959). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (HLM 0.60). FS Date: 6/7/2013	38.191452 ° -121.656188 °	38.191452 ° -121.656188 °	22
DWR ID: DWR_RD0501_02_f_2013_22										

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

**Levee Inspection Report By Mile - Fall 2013**

**Reclamation District No. 0501 Ryer Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Cache Slough	Left	3.57	11/25/2013 11/25/2013	Herman Phillips

LMR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	

7	0.56	0.56	Supplemental	DWR UCIP Field Study	WS	M En	Inspector Comments: FS_ID:18704 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) through the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances. Need to run pressure test or video inspection to determine condition of pipe. Need to determine owner and purpose for crossing. FIELD_STRUCT_DESC: 10-inch pipe sleeved through a 12-inch pipe through the levee, 5.0 feet below the crown. Pump on waterward side. (USACE-1959). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (HLM 0.60). FS Date: 6/7/2013	38.191452 °	38.191452 °	23
								DWR ID: DWR_RD0501_02_f_2013_23		

8	0.56	0.56	Supplemental	DWR UCIP Field Study	WS	M En	Inspector Comments: FS_ID:17907 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: - Inaccessible due to dense vegetation on both waterside and landside. Landside toe area is visible- Need to run pressure test for video inspection to determine condition. FIELD_STRUCT_DESC: 10-inch pipe sleeved through a 12-inch pipe through the levee, 5.0 feet below the crown. Pump on waterward side. (USACE-1959). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (HLM 0.60). FS Date: 6/7/2013	38.191452 °	38.191452 °	24
								DWR ID: DWR_RD0501_02_f_2013_24		

9	0.56	0.56	Supplemental	DWR UCIP Field Study	WS	M En	Inspector Comments: FS_ID:17905 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: - Inaccessible due to dense vegetation on both waterside and landside. Landside toe area is visible- Need to run pressure test for video inspection to determine condition. FIELD_STRUCT_DESC: 10-inch pipe sleeved through a 12-inch pipe through the levee, 5.0 feet below the crown. Pump on waterward side. (USACE-1959). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (HLM 0.60). FS Date: 6/7/2013	38.191452 °	38.191452 °	25
								DWR ID: DWR_RD0501_02_f_2013_25		

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

**Levee Inspection Report By Mile - Fall 2013**

**Reclamation District No. 0501 Ryer Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Cache Slough	Left	3.57	11/25/2013 11/25/2013	Herman Phillips

LMIR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	

10	0.56	0.56	Supplemental	DWR UCIP Field Study	WS	M En	Inspector Comments: FS_ID:17894 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: - Inaccessible due to dense vegetation on both waterside and landside. Landside toe area is visible- Need to run pressure test for video inspection to determine condition. FIELD_STRUCT_DESC: 10-inch pipe sleeved through a 12-inch pipe through the levee, 5.0 feet below the crown. Pump on waterward side. (USACE-1959). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (HLM 0.60). FS Date: 8/21/2013	38.191452 °	38.191452 °	26
								-121.656188 °	-121.656188 °	
								DWR ID: DWR_RD0501_02_f_2013_26		

11	0.86	0.86	Supplemental	DWR UCIP Field Study	WS	U En	Inspector Comments: FS_ID:18713 EP_NO: 3703 Repair Type: Urgent Crossing Status: Found UCIP Comments: Deteriorated pipe with holes present at intake. Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) through the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances. If crossing is abandoned--owner must abandoned properly. Need to coordinate with DWR Inspector and CVFPB. FIELD_STRUCT_DESC: 8-inch steel pipe through the levee, 1.7 feet below the crown. Siphon breaker on apex of pipe at landward shoulder. Pipe discharges into concrete sump near landward toe. Pipe is exposed along landward slope. 8-inch pipes are approximately 1 foot apart on landward side. (Permit No. 3703-1961) FS Date: 6/7/2013	38.195590 °	38.195590 °	27
								-121.655163 °	-121.655163 °	
								DWR ID: DWR_RD0501_02_f_2013_27		

12	0.86	0.86	Supplemental	DWR UCIP Field Study	WS	U En	Inspector Comments: FS_ID:18123 EP_NO: 3703 Repair Type: Urgent Crossing Status: Found UCIP Comments: - Appears abandoned pipes.- pipe intake is not in the water.- Need work for properly abandonment. FIELD_STRUCT_DESC: 8-inch steel pipe through the levee, 1.7 feet below the crown. Siphon breaker on apex of pipe at landward shoulder. Pipe discharges into concrete sump near landward toe. Pipe is exposed along landward slope. (Permit No. 3703-1961) FS Date: 6/7/2013	38.195583 °	38.195583 °	28
								-121.655263 °	-121.655263 °	
								DWR ID: DWR_RD0501_02_f_2013_28		

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

**Levee Inspection Report By Mile - Fall 2013**

**Reclamation District No. 0501 Ryer Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Cache Slough	Left	3.57	11/25/2013 11/25/2013	Herman Phillips

LMR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
13	0.86	0.86	Supplemental	DWR UCIP Field Study	WS	U En	Inspector Comments: FS_ID:17906 EP_NO: 3703 Repair Type: Urgent Crossing Status: Found UCIP Comments: - Appears abandoned pipes.- pipe intake is not in the water.- Need work for pipe abandonment. FIELD_STRUCT_DESC: 8-inch steel pipe through the levee, 1.7 feet below the crown. Siphon breaker on apex of pipe at landward shoulder. Pipe discharges into concrete sump near landward toe. Pipe is exposed along landward slope. (Permit No. 3703-1961) FS Date: 6/7/2013	38.195583 ° -121.655263 °	38.195583 ° -121.655263 °	29
DWR ID: DWR_RD0501_02_f_2013_29										
14	0.86	0.86	Supplemental	DWR UCIP Field Study	WS	U En	Inspector Comments: FS_ID:17983 EP_NO: 3703 Repair Type: Urgent Crossing Status: Found UCIP Comments: - Appears abandoned pipes.- pipe intake is not in the water.- Need work for pipe abandonment. FIELD_STRUCT_DESC: 8-inch steel pipe through the levee, 1.7 feet below the crown. Siphon breaker on apex of pipe at landward shoulder. Pipe discharges into concrete sump near landward toe. Pipe is exposed along landward slope. (Permit No. 3703-1961) FS Date: 6/7/2013	38.195583 ° -121.655263 °	38.195583 ° -121.655263 °	30
DWR ID: DWR_RD0501_02_f_2013_30										
15	0.86	0.86	Supplemental	DWR UCIP Field Study	WS	U En	Inspector Comments: FS_ID:17903 EP_NO: 3703 Repair Type: Urgent Crossing Status: Found UCIP Comments: - Appears abandoned pipes.- pipes intake are not in the water.- Need work for pipe abandonment. FIELD_STRUCT_DESC: Two 8-inch steel pipes separate about 1 feet, through the levee, 1.7 feet below the crown. Siphon breaker on apex of pipe at landward shoulder. Pipe discharges into concrete sump near landward toe. Pipe is exposed along landward slope. (Permit No. 3703-1961) FS Date: 6/7/2013	38.195583 ° -121.655263 °	38.195583 ° -121.655263 °	31 Y
DWR ID: DWR_RD0501_02_f_2013_31										

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

**Levee Inspection Report By Mile - Fall 2013**

**Reclamation District No. 0501 Ryer Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Cache Slough	Left	3.57	11/25/2013 11/25/2013	Herman Phillips

LMR No.	Levee Mile		Category	Item	* Location	+ Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	

16	0.86	0.86	Supplemental	DWR UCIP Field Study	WS	U En	Inspector Comments: FS_ID:19585 EP_NO: 3703 Repair Type: Urgent Crossing Status: Found UCIP Comments: Deteriorated pipe with holes present at intake. Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) through the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances. If crossing is not in use--owner must remove pipe per CVFPB Title 23 requirements. Need to coordinate with DWR Inspector and CVFPB. FIELD_STRUCT_DESC: 8-inch steel pipe through the levee, 1.7 feet below the crown. Siphon breaker on apex of pipe at landward shoulder. Pipe discharges into concrete sump near landward toe. Pipe is exposed along landward slope. 8-inch pipes are approximately 1 foot apart on landward side. (Permit No. 3703-1961) FS Date: 6/7/2013	38.195590 ° -121.655163 °	38.195590 ° -121.655163 °	32
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DWR ID: DWR\_RD0501\_02\_f\_2013\_32

17	0.86	0.86	Supplemental	DWR UCIP Field Study	WS	U En	Inspector Comments: FS_ID:17904 EP_NO: N/A Repair Type: Urgent Crossing Status: Found UCIP Comments: - Pipe old and , seems to have pitted.- Need work for pipe abandonment. FIELD_STRUCT_DESC: 8-inch steel pipe through the levee, 1.7 feet below the crown. Siphon breaker on apex of pipe at landward shoulder. Pipe discharges into concrete sump near landward toe. Pipe is exposed along landward slope. (USACE-1959). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (HLM 0.90). Section of pipe, between both shoulders, was removed and replaced with a 10-inch steel pipe under Permit No. 1902 (1959). FS Date: 6/7/2013	38.195600 ° -121.655218 °	38.195600 ° -121.655218 °	33
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DWR ID: DWR\_RD0501\_02\_f\_2013\_33

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

**Levee Inspection Report By Mile - Fall 2013**

**Reclamation District No. 0501 Ryer Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Cache Slough	Left	3.57	11/25/2013 11/25/2013	Herman Phillips

LMIR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	

18	0.86	0.86	Supplemental	DWR UCIP Field Study	WS	U En	Inspector Comments: FS_ID:18735 EP_NO: N/A Repair Type: Urgent Crossing Status: Found UCIP Comments: Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) through the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances. If crossing is abandoned--owner must abandoned properly. Need to coordinate with DWR Inspector and CVFPB. Need to determine condition of pipe--request maintenance records from owner. FIELD_STRUCT_DESC: 8-inch steel pipe through the levee, 1.7 feet below the crown. Siphon breaker on apex of pipe at landward shoulder. Pipe discharges into concrete sump near landward toe. Pipe is exposed along landward slope. (USACE-1959). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (HLM 0.90). Section of pipe, between both shoulders, was removed and replaced with a 10-inch steel pipe under Permit No. 1902 (1959). FS Date: 6/7/2013	38.195587 ° -121.655162 °	38.195587 ° -121.655162 °	34
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DWR ID: DWR\_RD0501\_02\_f\_2013\_34

19	0.86	0.86	Supplemental	DWR UCIP Field Study	WS	U En	Inspector Comments: FS_ID:19586 EP_NO: N/A Repair Type: Urgent Crossing Status: Found UCIP Comments: Reason for an Urgent Priority is due to adjacent crossing--adjacent crossing has holes present and is was installed in the 1960s. Our records show this pipe was installed before 1955. Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) through the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances. If crossing is no longer in use--owner must remove crossing per CVFPB Title 23 requirements. Need to coordinate with DWR Inspector and CVFPB. Need to determine condition of pipe--request maintenance records from owner once found--this crossing could be capped and grouted--NEED RECORDS. FIELD_STRUCT_DESC: 8-inch steel pipe through the levee, 1.7 feet below the crown. Siphon breaker on apex of pipe at landward shoulder. Pipe discharges into concrete sump near landward toe. Pipe is exposed along landward slope. (USACE-1959). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (HLM 0.90). Section of pipe, between both shoulders, was removed and replaced with a 10-inch steel pipe under Permit No. 1902 (1959). FS Date: 6/7/2013	38.195587 ° -121.655162 °	38.195587 ° -121.655162 °	35
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DWR ID: DWR\_RD0501\_02\_f\_2013\_35

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

**Levee Inspection Report By Mile - Fall 2013**

**Reclamation District No. 0501 Ryer Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Cache Slough	Left	3.57	11/25/2013 11/25/2013	Herman Phillips

LMIR No.	Levee Mile		Category	Item	* Location	** Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
20	0.86	0.86	Supplemental	DWR UCIP Field Study	WS	U En	Inspector Comments: FS_ID:18716 EP_NO: N/A Repair Type: Urgent Crossing Status: Found UCIP Comments: Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) through the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances. If crossing is abandoned--owner must be abandoned properly. Need to coordinate with DWR Inspector and CVFPB. Need to determine condition of pipe--request maintenance records from owner. FIELD_STRUCT_DESC: 8-inch steel pipe through the levee, 1.7 feet below the crown. Siphon breaker on apex of pipe at landward shoulder. Pipe discharges into concrete sump near landward toe. Pipe is exposed along landward slope. (USACE-1959). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (HLM 0.90). Section of pipe, between both shoulders, was removed and replaced with a 10-inch steel pipe under Permit No. 1902 (1959). FS Date: 6/7/2013	38.195587 ° -121.655162 °	38.195587 ° -121.655162 °	36
DWR ID: DWR_RD0501_02_f_2013_36										
21	1.03	1.03	Earthen Levee	Erosion / Bank Caving	WS	M Ma	E1 : Note and monitor erosion site. Inspector Comments: This erosion has not been repaired prior to the fall inspection.	38.198153 ° -121.655614 °	38.198153 ° -121.655614 °	10
DWR ID: DWR_RD0501_02_s_2012_10										
22	1.07	1.11	Earthen Levee	Vegetation	WS	M Ma	V2 : Remove the wild growth other than native grasses from the levee slopes.	38.198602 ° -121.655605 °	38.199148 ° -121.655490 °	8
DWR ID: DWR_RD0501_02_s_2012_8										
23	1.12	1.13	Supplemental	USACE Erosion Survey	WS	M Ma	Inspector Comments: 2005 - Large vertical sections due to wave wash. New stone dumped on the bank with exposed geotextile. Cohesive toe has thin weak stratigraphic unit that is washing out. 2006 - Partially repaired, but 100 ft in the middle of the reach has exposed filter fabric and stone riprap is gone. 2010 - Site extended downstream to include new erosion pocket. 2012: No observed change, chanel marker 42. [2012 Site ID: CHS_15-9_L]	38.200146 ° -121.655638 °	38.199128 ° -121.655881 °	6 Y
DWR ID:										

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

**Levee Inspection Report By Mile - Fall 2013**

**Reclamation District No. 0501 Ryer Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Cache Slough	Left	3.57	11/25/2013 11/25/2013	Herman Phillips

LMR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	

24	1.15	1.15	Supplemental	DWR UCIP Field Study	WS	M En	Inspector Comments: FS_ID:18788 EP_NO: 2817 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) through the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances. Waterward berm is being scoured. FIELD_STRUCT_DESC: 20-inch steel drainpipe sleeved through a 24-inch steel pipe through the levee, 9.0 feet below the crown. Flap gate on waterward end. Two cutoff collars around the pipe at both shoulders. Pipe exposed along both slopes. Rock revetment on waterward slope. Berm on waterward side is over 20 feet. (Permit No. 2817-1959) FS Date: 6/7/2013	38.199803 ° -121.655545 °	38.199803 ° -121.655545 °	37
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DWR ID: DWR\_RD0501\_02\_f\_2013\_37

25	1.15	1.15	Supplemental	DWR UCIP Field Study	WS	M En	Inspector Comments: FS_ID:18743 EP_NO: 2817 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) through the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances. Waterward berm is being scoured. FIELD_STRUCT_DESC: 20-inch steel drainpipe sleeved through a 24-inch steel pipe through the levee, 9.0 feet below the crown. Flap gate on waterward end. Two cutoff collars around the pipe at both shoulders. Pipe exposed along both slopes. Rock revetment on waterward slope. Berm on waterward side is over 20 feet. (Permit No. 2817-1959) FS Date: 6/7/2013	38.199803 ° -121.655545 °	38.199803 ° -121.655545 °	38
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DWR ID: DWR\_RD0501\_02\_f\_2013\_38

26	1.15	1.15	Supplemental	DWR UCIP Field Study	WS	M En	Inspector Comments: FS_ID:17925 EP_NO: 2817 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: - Scour on waterside around berm pipes. FIELD_STRUCT_DESC: 20-inch steel drainpipe sleeved through a 24-inch steel pipe through the levee, 9.0 feet below the crown. Flap gate on waterward end. Two cutoff collars around the pipe at both shoulders. Pipe exposed along both slopes. Rock revetment on waterward slope. (Permit No. 2817-1959) FS Date: 6/7/2013	38.199803 ° -121.655545 °	38.199803 ° -121.655545 °	39 Y
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DWR ID: DWR\_RD0501\_02\_f\_2013\_39

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

**Levee Inspection Report By Mile - Fall 2013**

**Reclamation District No. 0501 Ryer Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Cache Slough	Left	3.57	11/25/2013 11/25/2013	Herman Phillips

LMIR No.	Levee Mile		Category	Item	* Location	+ Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	

27	1.15	1.15	Supplemental	DWR UCIP Field Study	WS	M En	Inspector Comments: FS_ID:17923 EP_NO: 2817 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: - Scour on waterside around berm pipes. FIELD_STRUCT_DESC: 20-inch steel drainpipe sleeved through a 24-inch steel pipe through the levee, 9.0 feet below the crown. Flap gate on waterward end. Two cutoff collars around the pipe at both shoulders. Pipe exposed along both slopes. Rock revetment on waterward slope. (Permit No. 2817-1959) FS Date: 6/7/2013	38.199803 ° -121.655545 °	38.199803 ° -121.655545 °	40
								DWR ID: DWR_RD0501_02_f_2013_40		

28	1.15	1.15	Supplemental	DWR UCIP Field Study	WS	M En	Inspector Comments: FS_ID:19647 EP_NO: 2817 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) through the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances. Waterward berm is being scoured. FIELD_STRUCT_DESC: 20-inch steel drainpipe sleeved through a 24-inch steel pipe through the levee, 9.0 feet below the crown. Flap gate on waterward end. Two cutoff collars around the pipe at both shoulders. Pipe exposed along both slopes. Rock revetment on waterward slope. Berm on waterward side is over 20 feet. (Permit No. 2817-1959) FS Date: 6/7/2013	38.199803 ° -121.655545 °	38.199803 ° -121.655545 °	41
								DWR ID: DWR_RD0501_02_f_2013_41		

29	1.16	1.16	Supplemental	DWR UCIP Field Study	WS	M En	Inspector Comments: FS_ID:18806 EP_NO: 14491 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) through the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances. Waterward berm is being scoured. FIELD_STRUCT_DESC: 24-inch steel drainpipe through the levee, 4.5 feet below the crown. Cutoff wall around pipe at center of levee. Siphon breaker on apex of pipe at waterward shoulder. Pump on landward side. (Permit No. 14491-1986) FS Date: 6/7/2013	38.199824 ° -121.655497 °	38.199824 ° -121.655497 °	42
								DWR ID: DWR_RD0501_02_f_2013_42		

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

**Levee Inspection Report By Mile - Fall 2013**

**Reclamation District No. 0501 Ryer Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Cache Slough	Left	3.57	11/25/2013 11/25/2013	Herman Phillips

LMR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	

30	1.16	1.16	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:17926 EP_NO: 14491 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Scour on waterside around herm pipes. FIELD_STRUCT_DESC: 24-inch steel drainpipe through the levee, 4.5 feet below the crown. Cutoff wall around pipe at center of levee. Siphon breaker on apex of pipe at waterward shoulder. Pump on landward side. (Permit No. 14491-1986) FS Date: 6/7/2013	38.199824 ° -121.655497 °	38.199824 ° -121.655497 °	43
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DWR ID: DWR\_RD0501\_02\_f\_2013\_43

31	1.16	1.16	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:19648 EP_NO: 14491 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) through the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances. Waterward berm is being scoured. FIELD_STRUCT_DESC: 24-inch steel drainpipe through the levee, 4.5 feet below the crown. Cutoff wall around pipe at center of levee. Siphon breaker on apex of pipe at waterward shoulder. Pump on landward side. (Permit No. 14491-1986) FS Date: 6/7/2013	38.199824 ° -121.655497 °	38.199824 ° -121.655497 °	44
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DWR ID: DWR\_RD0501\_02\_f\_2013\_44

32	1.16	1.16	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:18791 EP_NO: 14491 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) through the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances. Waterward berm is being scoured. FIELD_STRUCT_DESC: 24-inch steel drainpipe through the levee, 4.5 feet below the crown. Cutoff wall around pipe at center of levee. Siphon breaker on apex of pipe at waterward shoulder. Pump on landward side. (Permit No. 14491-1986) FS Date: 6/7/2013	38.199824 ° -121.655497 °	38.199824 ° -121.655497 °	45
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DWR ID: DWR\_RD0501\_02\_f\_2013\_45

33	1.51	2.69	Earthen Levee	Vegetation	LS	M Ma	V2 : Remove the wild growth other than native grasses from the levee slopes.	38.204957 ° -121.655087 °	38.216130 ° -121.667686 °	1
34	1.67	2.43	Earthen Levee	Vegetation	LS	U Ma	V2 : Remove the wild growth other than native grasses from the levee slopes.	38.209213 ° -121.656992 °	38.213214 ° -121.664813 °	76 Y

DWR ID: DWR\_RD0501\_02\_f\_2013\_76

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

**Levee Inspection Report By Mile - Fall 2013**

**Reclamation District No. 0501 Ryer Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Cache Slough	Left	3.57	11/25/2013 11/25/2013	Herman Phillips

LMR No.	Levee Mile		Category	Item	* Location	+ Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	

35	1.70	1.70	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:18807 EP_NO: 13520 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) through the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances. Need to update owner's name. Owner needs to be informed about the vegetation clearance required for proper inspection. FIELD_STRUCT_DESC: 18-inch steel pipe through the levee, 3.4 feet below the crown. Steel cutoff wall around pipe at center of levee. Siphon breaker on apex of pipe on landward shoulder. Pipe extends from sump off of landward toe. Pipe exposed along waterward slope. Rock revetment on waterward slope. (Permit No. 13520-1982) FS Date: 6/7/2013	38.207433 ° -121.656299 °	38.207433 ° -121.656299 °	46 Y
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DWR ID: DWR\_RD0501\_02\_f\_2013\_46

36	1.70	1.70	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:18808 EP_NO: 13520 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) through the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances. Need to update owner's name. Owner needs to be informed about the vegetation clearance required for proper inspection. FIELD_STRUCT_DESC: 18-inch steel pipe through the levee, 3.4 feet below the crown. Steel cutoff wall around pipe at center of levee. Siphon breaker on apex of pipe on landward shoulder. Pipe extends from sump off of landward toe. Pipe exposed along waterward slope. Rock revetment on waterward slope. (Permit No. 13520-1982) FS Date: 6/7/2013	38.207433 ° -121.656299 °	38.207433 ° -121.656299 °	47
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DWR ID: DWR\_RD0501\_02\_f\_2013\_47

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

**Levee Inspection Report By Mile - Fall 2013**

**Reclamation District No. 0501 Ryer Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Cache Slough	Left	3.57	11/25/2013 11/25/2013	Herman Phillips

LMIR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
37	1.70	1.70	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:19649 EP_NO: 13520 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) through the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances. Need to update owner's name. Owner needs to be informed about the vegetation clearance required for proper inspection. FIELD_STRUCT_DESC: 18-inch steel pipe through the levee, 3.4 feet below the crown. Steel cutoff wall around pipe at center of levee. Siphon breaker on apex of pipe on landward shoulder. Pipe extends from sump off of landward toe. Pipe exposed along waterward slope. Rock revetment on waterward slope. (Permit No. 13520-1982) FS Date: 6/7/2013	38.207433 ° -121.656299 °	38.207433 ° -121.656299 °	48
DWR ID: DWR_RD0501_02_f_2013_48										
38	1.75	1.89	Earthen Levee	Vegetation	WS	U Ma	V2 : Remove the wild growth other than native grasses from the levee slopes.	38.208143 ° -121.655911 °	38.209209 ° -121.656697 °	75 Y
DWR ID: DWR_RD0501_02_f_2013_75										
39	1.76	2.94	Earthen Levee	Vegetation	LS	C Ma	V2 : Remove the wild growth other than native grasses from the levee slopes.	38.208159 ° -121.655803 °	38.219153 ° -121.670192 °	20
DWR ID: DWR_RD0501_02_s_2013_20										
40	1.81	1.81	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:18143 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: -LMA confirmed the replacement permit and construction to be started soon. Update record once the project is completed.- Dense vegetation on both waterside and landside. FIELD_STRUCT_DESC: 42-inch steel pipe through the levee, 6.5 feet below the crown. Siphon breaker on waterward slope. Pump on the landward side. Pipe exposed along both slopes. (USACE-1959). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (HLM 2.0). FS Date: 6/7/2013	38.208850 ° -121.655512 °	38.208850 ° -121.655512 °	49
DWR ID: DWR_RD0501_02_f_2013_49										

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

**Levee Inspection Report By Mile - Fall 2013**

**Reclamation District No. 0501 Ryer Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Cache Slough	Left	3.57	11/25/2013 11/25/2013	Herman Phillips

LMR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	

41	1.81	1.81	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:18124 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: -LMA confirmed the replacement permit and construction to be started soon. Update record once the project is completed.- Dense vegetation on both waterside and landside. FIELD_STRUCT_DESC: 42-inch steel pipe through the levee, 6.5 feet below the crown. Siphon breaker on waterward slope. Pump on the landward side. Pipe exposed along both slopes. (USACE-1959). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (HLM 2.0). FS Date: 6/7/2013	38.208850 °	38.208850 °	50
								-121.655512 °	-121.655512 °	
										DWR ID: DWR_RD0501_02_f_2013_50

42	1.81	1.81	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:19650 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Stacey Boyd, LMA superintendent for RD0501, confirmed the removal and replacement of existing crossing under new permit no. 18811. New crossing will be a 30-inch diameter discharge pipe above the design flood plane. Construction will start soon. Update record once the project is completed. Dense vegetation on both waterside and landside. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances. FIELD_STRUCT_DESC: 42-inch steel pipe through the levee, 6.5 feet below the crown. Siphon breaker on waterward slope. Pump on the landward side. Pipe exposed along both slopes. (USACE-1959). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (HLM 2.0). FS Date: 6/7/2013	38.208907 °	38.208907 °	51
								-121.655507 °	-121.655507 °	
										DWR ID: DWR_RD0501_02_f_2013_51

43	1.81	1.81	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:18144 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: -LMA confirmed the replacement permit and construction to be started soon. Update record once the project is completed.- Dense vegetation on both waterside and landside. FIELD_STRUCT_DESC: 42-inch steel pipe through the levee, 6.5 feet below the crown. Siphon breaker on waterward slope. Pump on the landward side. Pipe exposed along both slopes. (USACE-1959). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (HLM 2.0). FS Date: 6/7/2013	38.208850 °	38.208850 °	52
								-121.655512 °	-121.655512 °	
										DWR ID: DWR_RD0501_02_f_2013_52

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

**Levee Inspection Report By Mile - Fall 2013**

**Reclamation District No. 0501 Ryer Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Cache Slough	Left	3.57	11/25/2013 11/25/2013	Herman Phillips

LMR No.	Levee Mile		Category	Item	* Location	** Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	

44	1.81	1.81	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:18809 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Stacey Boyd, LMA superintendent for RD0501, confirmed the removal and replacement of existing crossing under new permit no. 18811. New crossing will be a 30-inch diameter discharge pipe above the design flood plane. Construction will start soon. Update record once the project is completed. Dense vegetation on both waterside and landside. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances. FIELD_STRUCT_DESC: 42-inch steel pipe through the levee, 6.5 feet below the crown. Siphon breaker on waterward slope. Pump on the landward side. Pipe exposed along both slopes. (USACE-1959). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (HLM 2.0). FS Date: 6/7/2013	38.208907 ° -121.655507 °	38.208907 ° -121.655507 °	53 Y
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DWR ID: DWR\_RD0501\_02\_f\_2013\_53

45	1.82	1.82	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:18823 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) through the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances. FIELD_STRUCT_DESC: 1 of 2: 36-inch steel pipe through the levee, 10.0 feet below the crown. Siphon breaker on waterward shoulder. Pumps on landward side. (USACE-1959). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (HLM 2.0). Pipe removed and replaced by new 36-inch steel pipe under Permit No. 15477 (1990). Dual pipes are approximately 36 inches apart. FS Date: 6/7/2013	38.208907 ° -121.655557 °	38.208907 ° -121.655557 °	54
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DWR ID: DWR\_RD0501\_02\_f\_2013\_54

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

**Levee Inspection Report By Mile - Fall 2013**

**Reclamation District No. 0501 Ryer Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Cache Slough	Left	3.57	11/25/2013 11/25/2013	Herman Phillips

LMR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	

46	1.82	1.82	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:19653 EP_NO: 15477 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) through the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances. FIELD_STRUCT_DESC: 2 of 2: 36-inch steel pipe through the levee, 7.0 feet below the crown. Siphon breaker on waterward shoulder. Pumps on landward side. Pipe exposed along both slopes. Pipe supports at levee shoulders, were cutoff walls from pre-existing pipe (Permit No. 15477-1990) Dual 36-inch pipes are approximately 36-inches apart. FS Date: 6/7/2013	38.208907 °	38.208907 °	55
								-121.655557 °	-121.655557 °	

DWR ID: DWR\_RD0501\_02\_f\_2013\_55

47	1.82	1.82	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:19651 EP_NO: 15477 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) through the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances. FIELD_STRUCT_DESC: 2 of 2: 36-inch steel pipe through the levee, 7.0 feet below the crown. Siphon breaker on waterward shoulder. Pumps on landward side. Pipe exposed along both slopes. Pipe supports at levee shoulders, were cutoff walls from pre-existing pipe (Permit No. 15477-1990) Dual 36-inch pipes are approximately 36-inches apart. FS Date: 6/7/2013	38.208907 °	38.208907 °	56
								-121.655557 °	-121.655557 °	

DWR ID: DWR\_RD0501\_02\_f\_2013\_56

48	1.82	1.82	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:18848 EP_NO: 15477 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) through the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances. FIELD_STRUCT_DESC: 2 of 2: 36-inch steel pipe through the levee, 7.0 feet below the crown. Siphon breaker on waterward shoulder. Pumps on landward side. Pipe exposed along both slopes. Pipe supports at levee shoulders, were cutoff walls from pre-existing pipe (Permit No. 15477-1990) Dual 36-inch pipes are approximately 36-inches apart. FS Date: 6/7/2013	38.208907 °	38.208907 °	57
								-121.655557 °	-121.655557 °	

DWR ID: DWR\_RD0501\_02\_f\_2013\_57

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

**Levee Inspection Report By Mile - Fall 2013**

**Reclamation District No. 0501 Ryer Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Cache Slough	Left	3.57	11/25/2013 11/25/2013	Herman Phillips

LMR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	

49	1.82	1.82	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:18845 EP_NO: 15477 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) through the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances. FIELD_STRUCT_DESC: 2 of 2: 36-inch steel pipe through the levee, 7.0 feet below the crown. Siphon breaker on waterward shoulder. Pumps on landward side. Pipe exposed along both slopes. Pipe supports at levee shoulders, were cutoff walls from pre-existing pipe (Permit No. 15477-1990) Dual 36-inch pipes are approximately 36-inches apart. FS Date: 6/7/2013	38.208907 °	38.208907 °	58
								-121.655557 °	-121.655557 °	
										DWR ID: DWR_RD0501_02_f_2013_58

50	1.82	1.82	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:18843 EP_NO: 15477 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) through the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances. FIELD_STRUCT_DESC: 2 of 2: 36-inch steel pipe through the levee, 7.0 feet below the crown. Siphon breaker on waterward shoulder. Pumps on landward side. Pipe exposed along both slopes. Pipe supports at levee shoulders, were cutoff walls from pre-existing pipe. (Permit No. 15477-1990) Pipes are approximately 36 inches apart. FS Date: 6/7/2013	38.209018 °	38.209018 °	59
								-121.655569 °	-121.655569 °	
										DWR ID: DWR_RD0501_02_f_2013_59

51	1.82	1.82	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:19652 EP_NO: 15477 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) through the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances. FIELD_STRUCT_DESC: 2 of 2: 36-inch steel pipe through the levee, 7.0 feet below the crown. Siphon breaker on waterward shoulder. Pumps on landward side. Pipe exposed along both slopes. Pipe supports at levee shoulders, were cutoff walls from pre-existing pipe. (Permit No. 15477-1990) Pipes are approximately 36 inches apart. FS Date: 6/7/2013	38.209018 °	38.209018 °	60
								-121.655569 °	-121.655569 °	
										DWR ID: DWR_RD0501_02_f_2013_60

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

**Levee Inspection Report By Mile - Fall 2013**

**Reclamation District No. 0501 Ryer Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Cache Slough	Left	3.57	11/25/2013 11/25/2013	Herman Phillips

LMIR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
52	1.82	1.82	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:18844 EP_NO: 15477 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) through the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtances. FIELD_STRUCT_DESC: 2 of 2: 36-inch steel pipe through the levee, 7.0 feet below the crown. Siphon breaker on waterward shoulder. Pumps on landward side. Pipe exposed along both slopes. Pipe supports at levee shoulders, were cutoff walls from pre-existing pipe. (Permit No. 15477-1990) Pipes are approximately 36 inches apart. FS Date: 6/7/2013	38.209018 ° -121.655569 °	38.209018 ° -121.655569 °	61
DWR ID: DWR_RD0501_02_f_2013_61										
53	1.82	1.82	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:18810 EP_NO: 15477 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) through the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtances. FIELD_STRUCT_DESC: 2 of 2: 36-inch steel pipe through the levee, 7.0 feet below the crown. Siphon breaker on waterward shoulder. Pumps on landward side. Pipe exposed along both slopes. Pipe supports at levee shoulders, were cutoff walls from pre-existing pipe (Permit No. 15477-1990) Dual 36-inch pipes are approximately 36-inches apart. FS Date: 6/7/2013	38.209018 ° -121.655569 °	38.209018 ° -121.655569 °	62
DWR ID: DWR_RD0501_02_f_2013_62										
54	1.98	3.02	Earthen Levee	Vegetation	WS	M Ma	V2 : Remove the wild growth other than native grasses from the levee slopes.	38.226175 ° -121.604013 °	38.212626 ° -121.609959 °	3
DWR ID: DWR_RD0501_02_s_2012_3										
55	1.98	3.02	Earthen Levee	Vegetation	LS	C Ma	V2 : Remove the wild growth other than native grasses from the levee slopes.	38.207621 ° -121.656219 °	38.220184 ° -121.670834 °	5
DWR ID: DWR_RD0501_02_s_2012_5										

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

**Levee Inspection Report By Mile - Fall 2013**

**Reclamation District No. 0501 Ryer Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Cache Slough	Left	3.57	11/25/2013 11/25/2013	Herman Phillips

LMIR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	

56	2.45	2.45	Supplemental	DWR UCIP Field Study	LS	M	Inspector Comments: FS_ID:18098 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: FIELD_STRUCT_DESC: 14-inch steel pipe through the levee, 6.2 feet below the crown. Siphon breaker on waterward shoulder. (USACE-1959). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (HLM 2.60). Approximately 42 foot section of pipe under levee crown, between both shoulders, was removed and replaced with new 14-inch steel pipe under Permit No. 1902 (1985). FS Date: 6/7/2013	38.213287 ° -121.665143 °	38.213287 ° -121.665143 °	63 Y
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DWR ID: DWR\_RD0501\_02\_f\_2013\_63

57	2.45	2.45	Supplemental	DWR UCIP Field Study	LS	M	Inspector Comments: FS_ID:19654 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) through the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances. FIELD_STRUCT_DESC: 14-inch steel pipe through the levee, 6.2 feet below the crown. Siphon breaker on waterward shoulder. (USACE-1959). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (HLM 2.60). Approximately 42 foot section of pipe under levee crown, between both shoulders, was removed and replaced with new 14-inch steel pipe under Permit No. 1902 (1985). FS Date: 6/7/2013	38.213373 ° -121.665093 °	38.213373 ° -121.665093 °	64
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DWR ID: DWR\_RD0501\_02\_f\_2013\_64

58	2.45	2.45	Supplemental	DWR UCIP Field Study	LS	M	Inspector Comments: FS_ID:18856 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) through the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances. FIELD_STRUCT_DESC: 14-inch steel pipe through the levee, 6.2 feet below the crown. Siphon breaker on waterward shoulder. (USACE-1959). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (HLM 2.60). Approximately 42 foot section of pipe under levee crown, between both shoulders, was removed and replaced with new 14-inch steel pipe under Permit No. 1902 (1985). FS Date: 6/7/2013	38.213373 ° -121.665093 °	38.213373 ° -121.665093 °	65
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DWR ID: DWR\_RD0501\_02\_f\_2013\_65

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

**Levee Inspection Report By Mile - Fall 2013**

**Reclamation District No. 0501 Ryer Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Cache Slough	Left	3.57	11/25/2013 11/25/2013	Herman Phillips

LMIR No.	Levee Mile		Category	Item	* Location	+ Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	

59	2.81	2.81	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:18099 EP_NO: 4733 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: FIELD_STRUCT_DESC: 18-inch pipe through the levee, 4.0 feet below the crown. Cutoff wall around pipe at center of levee. Siphon breaker on apex of pipe at landward shoulder. Rock revetment on waterward slope. 16-inch pipe welded to 18-inch pipe near landward shoulder, extends down landward slope. Pipe exposed along both slopes. (Permit No. 4733-1964) FS Date: 6/7/2013	38.217515 ° -121.669022 °	38.217515 ° -121.669022 °	66 Y
DWR ID: DWR_RD0501_02_f_2013_66										

60	2.81	2.81	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:18857 EP_NO: 4733 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) through the waterward slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances. FIELD_STRUCT_DESC: 18-inch pipe through the levee, 4.0 feet below the crown. Cutoff wall around pipe at center of levee. Siphon breaker on apex of pipe at landward shoulder. Rock revetment on waterward slope. 16-inch pipe welded to 18-inch pipe near landward shoulder, extends down landward slope. Pipe exposed along both slopes. (Permit No. 4733-1964) FS Date: 6/7/2013	38.217515 ° -121.669022 °	38.217515 ° -121.669022 °	67
DWR ID: DWR_RD0501_02_f_2013_67										

61	2.81	2.81	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:18103 EP_NO: 4733 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: FIELD_STRUCT_DESC: 18-inch pipe through the levee, 4.0 feet below the crown. Cutoff wall around pipe at center of levee. Siphon breaker on apex of pipe at landward shoulder. Rock revetment on waterward slope. 16-inch pipe welded to 18-inch pipe near landward shoulder, extends down landward slope. Pipe exposed along both slopes. (Permit No. 4733-1964) FS Date: 6/7/2013	38.217515 ° -121.669022 °	38.217515 ° -121.669022 °	68
DWR ID: DWR_RD0501_02_f_2013_68										

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

**Levee Inspection Report By Mile - Fall 2013**

**Reclamation District No. 0501 Ryer Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Cache Slough	Left	3.57	11/25/2013 11/25/2013	Herman Phillips

LMR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
62	2.81	2.81	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:19655 EP_NO: 4733 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) through the waterward slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances. FIELD_STRUCT_DESC: 18-inch pipe through the levee, 4.0 feet below the crown. Cutoff wall around pipe at center of levee. Siphon breaker on apex of pipe at landward shoulder. Rock revetment on waterward slope. 16-inch pipe welded to 18-inch pipe near landward shoulder, extends down landward slope. Pipe exposed along both slopes. (Permit No. 4733-1964) FS Date: 6/7/2013	38.217515 ° -121.669022 °	38.217515 ° -121.669022 °	69
DWR ID: DWR_RD0501_02_f_2013_69										
63	2.81	2.81	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:19656 EP_NO: 4733 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) through the waterward slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances. FIELD_STRUCT_DESC: 18-inch pipe through the levee, 4.0 feet below the crown. Cutoff wall around pipe at center of levee. Siphon breaker on apex of pipe at landward shoulder. Rock revetment on waterward slope. 16-inch pipe welded to 18-inch pipe near landward shoulder, extends down landward slope. Pipe exposed along both slopes. (Permit No. 4733-1964) FS Date: 6/7/2013	38.217515 ° -121.669022 °	38.217515 ° -121.669022 °	70
DWR ID: DWR_RD0501_02_f_2013_70										
64	2.92	2.93	Earthen Levee	Animal Control	LS	M Ma	A1 : Exterminate rodents and backfill and compact or grout burrows.	38.218890 ° -121.669934 °	38.218997 ° -121.669988 °	4
DWR ID: DWR_RD0501_02_s_2012_4										

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

**Levee Inspection Report By Mile - Fall 2013**

**Reclamation District No. 0501 Ryer Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Cache Slough	Left	3.57	11/25/2013 11/25/2013	Herman Phillips

LMIR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	

65	3.09	3.09	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:18095 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: FIELD_STRUCT_DESC: 16-inch pipe sleeved through a 20-inch pipe through the levee, 4.7 feet below the crown. Annular gap grouted. Siphon breaker on landward shoulder. Pipe exposed along both slopes. (USACE-1959). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (HLM 3.30). The 16-inch pipe was sleeved through pre-existing pipe under Permit No. 2645 (1959). FS Date: 8/22/2013	38.221019 °	38.221019 °	71
								-121.671437 °	-121.671437 °	
								DWR ID: DWR_RD0501_02_f_2013_71		

66	3.09	3.09	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:18097 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: FIELD_STRUCT_DESC: 16-inch pipe sleeved through a 20-inch pipe through the levee, 4.7 feet below the crown. Annular gap grouted. Siphon breaker on landward shoulder. Pipe exposed along both slopes. (USACE-1959). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (HLM 3.30). The 16-inch pipe was sleeved through pre-existing pipe under Permit No. 2645 (1959). FS Date: 8/22/2013	38.221019 °	38.221019 °	72
								-121.671437 °	-121.671437 °	
								DWR ID: DWR_RD0501_02_f_2013_72		

67	3.09	3.09	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:19657 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) through the waterward slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances. FIELD_STRUCT_DESC: 16-inch pipe sleeved through a 20-inch pipe through the levee, 4.7 feet below the crown. Annular gap grouted. Siphon breaker on landward shoulder. Pipe exposed along both slopes. (USACE-1959). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (HLM 3.30). The 16-inch pipe was sleeved through pre-existing pipe under Permit No. 2645 (1959). FS Date: 8/22/2013	38.221076 °	38.221076 °	73
								-121.671359 °	-121.671359 °	
								DWR ID: DWR_RD0501_02_f_2013_73		

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

**Levee Inspection Report By Mile - Fall 2013**

**Reclamation District No. 0501 Ryer Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Cache Slough	Left	3.57	11/25/2013 11/25/2013	Herman Phillips

LMR No.	Levee Mile		Category	Item	* Location	+ Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
68	3.09	3.09	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:18858 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) through the waterward slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances. FIELD_STRUCT_DESC: 16-inch pipe sleeved through a 20-inch pipe through the levee, 4.7 feet below the crown. Annular gap grouted. Siphon breaker on landward shoulder. Pipe exposed along both slopes. (USACE-1959). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (HLM 3.30). The 16-inch pipe was sleeved through pre-existing pipe under Permit No. 2645 (1959). FS Date: 8/22/2013	38.221076 ° -121.671359 °	38.221076 ° -121.671359 °	74 Y
DWR ID: DWR_RD0501_02_f_2013_74										
69	3.43	3.43	Earthen Levee	Trim / Thin Trees	LS	M Ma	T1 : Trim trees to at least five feet above ground level.	38.225823 ° -121.672837 °	38.225823 ° -121.672837 °	16
DWR ID: DWR_RD0501_02_s_2012_16										
70	3.44	3.44	Earthen Levee	Trim / Thin Trees	LS	M Ma	T1 : Trim trees to at least five feet above ground level.	38.225987 ° -121.672870 °	38.225987 ° -121.672870 °	18
DWR ID: DWR_RD0501_02_s_2012_18										

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

**Levee Inspection Report By Mile - Fall 2013**

**Reclamation District No. 0501 Ryer Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Cache Slough	Left	3.57	11/25/2013 11/25/2013	Herman Phillips

Levee Mile Report Line	1
Start Levee Mile	0.00
End Levee Mile	0.00
Location	Land Side
Category	Earthen Levee
Item	Vegetation

Unit 2 RD 501 Looking downstream at the landside slope. Photo taken 11-25-2013.

phillips\_f\_20131203\_763.JPG



Levee Mile Report Line	9
Start Levee Mile	0.56
End Levee Mile	0.56
Location	Land Side
Category	Supplemental
Item	DWR UCIP Field Study

Overview of landside. pst sign of SOL.

UCIP\_10105.jpg



Levee Mile Report Line	15
Start Levee Mile	0.86
End Levee Mile	0.86
Location	Land Side
Category	Supplemental
Item	DWR UCIP Field Study

Overview of two steel pipe on landside. Air vent missed parts. Power pole on landside toe.

UCIP\_10099.jpg



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

**Levee Inspection Report By Mile - Fall 2013**

**Reclamation District No. 0501 Ryer Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Cache Slough	Left	3.57	11/25/2013 11/25/2013	Herman Phillips

Levee Mile Report Line	23
Start Levee Mile	1.12
End Levee Mile	1.13
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey
USACE 2012 Photo #1	
USACE2013_CHS_15-9_L_1.jpg	



Levee Mile Report Line	23
Start Levee Mile	1.12
End Levee Mile	1.13
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey
USACE 2012 Photo #2	
USACE2013_CHS_15-9_L_2.jpg	



Levee Mile Report Line	26
Start Levee Mile	1.15
End Levee Mile	1.15
Location	Water Side
Category	Supplemental
Item	DWR UCIP Field Study
Waterward side--2-24 inch pipe inlets.	
UCIP_10725.jpg	



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

**Levee Inspection Report By Mile - Fall 2013**

**Reclamation District No. 0501 Ryer Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Cache Slough	Left	3.57	11/25/2013 11/25/2013	Herman Phillips

Levee Mile Report Line	34
Start Levee Mile	1.67
End Levee Mile	2.43
Location	Land Side
Category	Earthen Levee
Item	Vegetation
Weeds are taller than 4-foot bottom of slope and toe landside. Photo taken 11-25-2013.	
phillips_f_20131203_765.JPG	



Levee Mile Report Line	35
Start Levee Mile	1.70
End Levee Mile	1.70
Location	Land Side
Category	Supplemental
Item	DWR UCIP Field Study
Photo of pipe looking from berm edge to river edge.	
UCIP_10769.jpg	



Levee Mile Report Line	38
Start Levee Mile	1.75
End Levee Mile	1.89
Location	Water Side
Category	Earthen Levee
Item	Vegetation
Unwanted wild growth on waterside slope. Photo taken 11-25-2013.	
phillips_f_20131203_764.JPG	



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

**Levee Inspection Report By Mile - Fall 2013**

**Reclamation District No. 0501 Ryer Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Cache Slough	Left	3.57	11/25/2013 11/25/2013	Herman Phillips

Levee Mile Report Line	44
Start Levee Mile	1.81
End Levee Mile	1.81
Location	Water Side
Category	Supplemental
Item	DWR UCIP Field Study
<p>One 42-inch steel pipe on landside. Open pump station.</p>	
<p>UCIP_10782.jpg</p>	



Levee Mile Report Line	56
Start Levee Mile	2.45
End Levee Mile	2.45
Location	Water Side
Category	Supplemental
Item	DWR UCIP Field Study
<p>View of exposed section of pipe along landward slope. Distribution box and possible closure device located near landward toe.</p>	
<p>UCIP_10201.jpg</p>	



Levee Mile Report Line	59
Start Levee Mile	2.81
End Levee Mile	2.81
Location	Water Side
Category	Supplemental
Item	DWR UCIP Field Study
<p>Close up of pump system located near crown. Standpipe located approximately 100 from levee toe.</p>	
<p>UCIP_10204.jpg</p>	



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

**Levee Inspection Report By Mile - Fall 2013**

**Reclamation District No. 0501 Ryer Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Cache Slough	Left	3.57	11/25/2013 11/25/2013	Herman Phillips

Levee Mile Report Line	68
Start Levee Mile	3.09
End Levee Mile	3.09
Location	Water Side
Category	Supplemental
Item	DWR UCIP Field Study
Overview of landward side, includes view of exposed pipe, pump, and standpipe.	
UCIP_10824.jpg	



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

**Unit Cover Sheet**

**Fall 2013 Levee Inspection Results**

**Reclamation District No. 0501 Ryer Island**

Waterway	Bank	Unit Miles
Unit No. 03 Miner Slough	Left	7.82

	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			<b>U</b>	
Date of Inspection	04/09/2013 - 04/09/2013		11/25/2013 - 11/25/2013	
DWR Inspector	Herman Phillips		Herman Phillips	
Accompanied By	Mike Magilton RD 501			

**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 2013**

**Reclamation District No. 0501 Ryer Island**

Waterway		Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Miner Slough		Left	7.82	11/25/2013 11/25/2013	Herman Phillips

LMR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
1	0.00	0.00	Earthen Levee	Vegetation	LS	M Ma	V2 : Remove the wild growth other than native grasses from the levee slopes. Inspector Comments: Landside was burned at this location.	38.227815 ° -121.673129 °	38.227815 ° -121.673129 °	1 Y
DWR ID: DWR_RD0501_03_s_2012_1										
2	0.01	0.64	Earthen Levee	Vegetation	WS	C Ma	V2 : Remove the wild growth other than native grasses from the levee slopes. Inspector Comments: District mowed this section.	38.227992 ° -121.673061 °	38.234754 ° -121.665461 °	10
DWR ID: DWR_RD0501_03_s_2012_10										
3	0.10	0.64	Earthen Levee	Vegetation	LS	C Ma	V2 : Remove the wild growth other than native grasses from the levee slopes.	38.229065 ° -121.672201 °	38.229063 ° -121.672203 °	11
DWR ID: DWR_RD0501_03_s_2012_11										
4	0.50	0.61	Earthen Levee	Vegetation	WS	U Ma	V1 : Control annual grass and weeds on the levee slopes and easements.	38.233104 ° -121.667173 °	38.234230 ° -121.665785 °	134 Y
DWR ID: DWR_RD0501_03_f_2013_134										
5	0.65	0.65	Supplemental	DWR UCIP Field Study	WS	M En	Inspector Comments: FS_ID:19658 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Pump operating during inspection. Need to determine owner. Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) through the waterward slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances. FIELD_STRUCT_DESC: 14-inch steel pipe through the levee, 6.3 feet below the crown instead of 16-inch pipe mentioned in O&M. Siphon breaker on landward slope. Pipe exposed on both slopes. (USACE-1959). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (HLM 0.70). FS Date: 6/7/2013	38.234637 ° -121.665281 °	38.234637 ° -121.665281 °	5
DWR ID: DWR_RD0501_03_f_2013_5										
6	0.65	0.65	Supplemental	DWR UCIP Field Study	WS	M En	Inspector Comments: FS_ID:18163 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 14 inch pipe; pump operating during inspection FIELD_STRUCT_DESC: 16-inch steel pipe through the levee, 6.3 feet below the crown. Siphon breaker on landward slope. Pipe exposed on both slopes. (USACE-1959). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (HLM 0.70). FS Date: 6/7/2013	38.234637 ° -121.665281 °	38.234637 ° -121.665281 °	7
DWR ID: DWR_RD0501_03_f_2013_7										

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

**Levee Inspection Report By Mile - Fall 2013**

**Reclamation District No. 0501 Ryer Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Miner Slough	Left	7.82	11/25/2013 11/25/2013	Herman Phillips

LMR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	

7	0.65	0.65	Supplemental	DWR UCIP Field Study	WS	M En	Inspector Comments: FS_ID:18913 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Pump operating during inspection. Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) through the waterward slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtances. FIELD_STRUCT_DESC: 16-inch steel pipe through the levee, 6.3 feet below the crown. Siphon breaker on landward slope. Pipe exposed on both slopes. (USACE-1959). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (HLM 0.70). FS Date: 6/7/2013	38.234637 °	38.234637 °	12
								-121.665281 °	-121.665281 °	
								DWR ID: DWR_RD0501_03_f_2013_12		

8	0.65	0.65	Supplemental	DWR UCIP Field Study	WS	M En	Inspector Comments: FS_ID:18203 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 14 inch pipe; pump operating during inspection FIELD_STRUCT_DESC: 16-inch steel pipe through the levee, 6.3 feet below the crown. Siphon breaker on landward slope. Pipe exposed on both slopes. (USACE-1959). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (HLM 0.70). FS Date: 6/7/2013	38.234637 °	38.234637 °	14
								-121.665281 °	-121.665281 °	
								DWR ID: DWR_RD0501_03_f_2013_14		

9	0.65	0.65	Supplemental	DWR UCIP Field Study	WS	M En	Inspector Comments: FS_ID:18915 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Pump operating during inspection. Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) through the waterward slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtances. FIELD_STRUCT_DESC: 14-inch steel pipe through the levee, 6.3 feet below the crown instead of 16-inch pipe mentioned in O&M. Siphon breaker on landward slope. Pipe exposed on both slopes. (USACE-1959). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (HLM 0.70). FS Date: 6/7/2013	38.234637 °	38.234637 °	16
								-121.665281 °	-121.665281 °	
								DWR ID: DWR_RD0501_03_f_2013_16		

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

**Levee Inspection Report By Mile - Fall 2013**

**Reclamation District No. 0501 Ryer Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Miner Slough	Left	7.82	11/25/2013 11/25/2013	Herman Phillips

LMR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
10	0.65	0.65	Supplemental	DWR UCIP Field Study	WS	M En	Inspector Comments: FS_ID:18916 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Pump operating during inspection. Need to determine owner. Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) through the waterward slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtances. FIELD_STRUCT_DESC: 14-inch steel pipe through the levee, 6.3 feet below the crown instead of 16-inch pipe mentioned in O&M. Siphon breaker on landward slope. Pipe exposed on both slopes. (USACE-1959). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (HLM 0.70). FS Date: 6/7/2013	38.234637 ° -121.665281 °	38.234637 ° -121.665281 °	20
DWR ID: DWR_RD0501_03_f_2013_20										
11	0.65	0.65	Supplemental	DWR UCIP Field Study	WS	M En	Inspector Comments: FS_ID:18923 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Pump operating during inspection. Need to determine owner. Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) through the waterward slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtances. FIELD_STRUCT_DESC: 14-inch steel pipe through the levee, 6.3 feet below the crown instead of 16-inch pipe mentioned in O&M. Siphon breaker on landward slope. Pipe exposed on both slopes. (USACE-1959). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (HLM 0.70). FS Date: 6/7/2013	38.234637 ° -121.665281 °	38.234637 ° -121.665281 °	21 Y
DWR ID: DWR_RD0501_03_f_2013_21										
12	0.77	2.60	Earthen Levee	Vegetation	WS	M Ma	V2 : Remove the wild growth other than native grasses from the levee slopes.	38.236416 ° -121.665200 °	38.257445 ° -121.651440 °	8
DWR ID: DWR_RD0501_03_f_2012_8										

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

**Levee Inspection Report By Mile - Fall 2013**

**Reclamation District No. 0501 Ryer Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Miner Slough	Left	7.82	11/25/2013 11/25/2013	Herman Phillips

LMIR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	

13	1.38	1.38	Supplemental	DWR UCIP Field Study	WS	M En	Inspector Comments: FS_ID:18926 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) through the slope on both waterward and landward side. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtances. FIELD_STRUCT_DESC: 12-inch steel pipe through the levee, 8.0 feet below the crown. Siphon breaker on landward slope. Pump on pipe structure in stream. Concrete standpipe at landward toe. (USACE-1959). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (HLM 1.50). FS Date: 6/7/2013	38.242879 ° -121.659450 °	38.242879 ° -121.659450 °	24 Y
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DWR ID: DWR\_RD0501\_03\_f\_2013\_24

14	1.38	1.38	Supplemental	DWR UCIP Field Study	WS	M En	Inspector Comments: FS_ID:19659 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) through the slope on both waterward and landward side. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtances. FIELD_STRUCT_DESC: 12-inch steel pipe through the levee, 8.0 feet below the crown. Siphon breaker on landward slope. Pump on pipe structure in stream. Concrete standpipe at landward toe. (USACE-1959). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (HLM 1.50). FS Date: 6/7/2013	38.242879 ° -121.659450 °	38.242879 ° -121.659450 °	29
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DWR ID: DWR\_RD0501\_03\_f\_2013\_29

15	1.38	1.38	Supplemental	DWR UCIP Field Study	WS	M En	Inspector Comments: FS_ID:18924 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) through the slope on both waterward and landward side. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtances. FIELD_STRUCT_DESC: 12-inch steel pipe through the levee, 8.0 feet below the crown. Siphon breaker on landward slope. Pump on pipe structure in stream. Concrete standpipe at landward toe. (USACE-1959). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (HLM 1.50). FS Date: 6/7/2013	38.242934 ° -121.659489 °	38.242934 ° -121.659489 °	30
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DWR ID: DWR\_RD0501\_03\_f\_2013\_30

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

**Levee Inspection Report By Mile - Fall 2013**

**Reclamation District No. 0501 Ryer Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Miner Slough	Left	7.82	11/25/2013 11/25/2013	Herman Phillips

LMIR No.	Levee Mile		Category	Item	* Location	+ Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
16	1.38	1.38	Supplemental	DWR UCIP Field Study	WS	M En	Inspector Comments: FS_ID:18925 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) through the slope on both waterward and landward side. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances. FIELD_STRUCT_DESC: 12-inch steel pipe through the levee, 8.0 feet below the crown. Siphon breaker on landward slope. Pump on pipe structure in stream. Concrete standpipe at landward toe. (USACE-1959). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (HLM 1.50). FS Date: 6/7/2013	38.242879 ° -121.659450 °	38.242879 ° -121.659450 °	31
DWR ID: DWR_RD0501_03_f_2013_31										
17	1.38	1.38	Supplemental	DWR UCIP Field Study	WS	M En	Inspector Comments: FS_ID:18165 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: dense vegetation on ws and ls obstructs inspection FIELD_STRUCT_DESC: 12-inch steel pipe through the levee, 8.0 feet below the crown. Siphon breaker on landward slope. Pump on pipe structure in stream. Concrete standpipe at landward toe. (USACE-1959). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (HLM 1.50). FS Date: 6/7/2013	38.242934 ° -121.659489 °	38.242934 ° -121.659489 °	32
DWR ID: DWR_RD0501_03_f_2013_32										
18	1.38	1.38	Supplemental	DWR UCIP Field Study	WS	M En	Inspector Comments: FS_ID:18204 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: dense vegetation on ws and ls obstructs inspection FIELD_STRUCT_DESC: 12-inch steel pipe through the levee, 8.0 feet below the crown. Siphon breaker on landward slope. Pump on pipe structure in stream. Concrete standpipe at landward toe. (USACE-1959). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (HLM 1.50). FS Date: 6/7/2013	38.242934 ° -121.659489 °	38.242934 ° -121.659489 °	34
DWR ID: DWR_RD0501_03_f_2013_34										
19	1.54	2.19	Earthen Levee	Vegetation	LS	M Ma	V2 : Remove the wild growth other than native grasses from the levee slopes.	38.244662 ° -121.657822 °	38.253090 ° -121.655613 °	127
DWR ID: DWR_RD0501_03_f_2013_127										
20	1.57	1.57	Earthen Levee	Vegetation	LS	M Ma	V2 : Remove the wild growth other than native grasses from the levee slopes.	38.246660 ° -121.688600 °	38.666000 ° -121.690000 °	43
DWR ID: DWR_RD0501_03_s_2012_43										

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

**Levee Inspection Report By Mile - Fall 2013**

**Reclamation District No. 0501 Ryer Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Miner Slough	Left	7.82	11/25/2013 11/25/2013	Herman Phillips

LMIR No.	Levee Mile		Category	Item	* Location	** Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
21	1.69	7.81	Earthen Levee	Vegetation	WS	M Ma	V2 : Remove the wild growth other than native grasses from the levee slopes.	38.246667 ° -121.658611 °	38.285653 ° -121.606479 °	13
DWR ID: DWR_RD0501_03_s_2013_13										
22	1.93	1.93	Supplemental	DWR UCIP Field Study	WS	M En	Inspector Comments: FS_ID:18205 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: densely vegetated unable to locate pipe structure on W/S. FIELD_STRUCT_DESC: 10-inch steel pipe through the levee, 6.3 feet below the crown. Pump, gate valve and switch box on waterward slope. FS Date: 6/7/2013	38.249423 ° -121.656347 °	38.249423 ° -121.656347 °	35 Y
DWR ID: DWR_RD0501_03_f_2013_35										
23	1.93	1.93	Supplemental	DWR UCIP Field Study	WS	M En	Inspector Comments: FS_ID:18166 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: densely vegetated unable to locate pipe structure on W/S. FIELD_STRUCT_DESC: 10-inch steel pipe through the levee, 6.3 feet below the crown. Pump, gate valve and switch box on waterward slope. FS Date: 6/7/2013	38.249423 ° -121.656347 °	38.249423 ° -121.656347 °	36
DWR ID: DWR_RD0501_03_f_2013_36										
24	1.93	1.93	Supplemental	DWR UCIP Field Study	WS	M En	Inspector Comments: FS_ID:19660 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Authorized or Unauthorized? Need permit authorizing work. Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) through the slope on both waterward and landward side. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances. FIELD_STRUCT_DESC: 10-inch steel pipe through the levee, 6.3 feet below the crown. Pump, gate valve and switch box on waterward slope. FS Date: 6/7/2013	38.249362 ° -121.656357 °	38.249362 ° -121.656357 °	37
DWR ID: DWR_RD0501_03_f_2013_37										

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

**Levee Inspection Report By Mile - Fall 2013**

**Reclamation District No. 0501 Ryer Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Miner Slough	Left	7.82	11/25/2013 11/25/2013	Herman Phillips

LMR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
25	1.93	1.93	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:18943 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Authorized or Unauthorized? Need permit authorizing work. Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) through the slope on both waterward and landward side. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances. FIELD_STRUCT_DESC: 10-inch steel pipe through the levee, 6.3 feet below the crown. Pump, gate valve and switch box on waterward slope. FS Date: 6/7/2013	38.249362 ° -121.656357 °	38.249362 ° -121.656357 °	38
DWR ID: DWR_RD0501_03_f_2013_38										
26	2.21	2.65	Earthen Levee	Vegetation	WS	M Ma	V4 : Elderberries are blocking visibility and flood fight capability.	38.253373 ° -121.655548 °	38.257400 ° -121.651536 °	128
DWR ID: DWR_RD0501_03_f_2013_128										
27	2.31	2.66	Earthen Levee	Vegetation	LS	M Ma	V2 : Remove the wild growth other than native grasses from the levee slopes.	38.254353 ° -121.654436 °	38.257521 ° -121.651515 °	129
DWR ID: DWR_RD0501_03_f_2013_129										
28	2.57	2.57	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:18167 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: FIELD_STRUCT_DESC: 16-inch steel pipe through the levee, 3.3 feet below the crown. Gate valve and switch box on landward slope. Pipe exposed on both slopes. (USACE-1959) Riprap on waterward side. This entry matches the Drainage or Irrigation Structure referenced in O&M manual (HLM 2.70). FS Date: 6/7/2013	38.256234 ° -121.651638 °	38.256234 ° -121.651638 °	39
DWR ID: DWR_RD0501_03_f_2013_39										
29	2.57	2.57	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:18944 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Need to determine owner of structure. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances. FIELD_STRUCT_DESC: 16-inch steel pipe through the levee, 3.3 feet below the crown. Gate valve and switch box on landward slope. Pipe exposed on both slopes. (USACE-1959) Riprap on waterward side. This entry matches the Drainage or Irrigation Structure referenced in O&M manual (HLM 2.70). FS Date: 6/7/2013	38.256234 ° -121.651638 °	38.256234 ° -121.651638 °	41
DWR ID: DWR_RD0501_03_f_2013_41										

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

**Levee Inspection Report By Mile - Fall 2013**

**Reclamation District No. 0501 Ryer Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Miner Slough	Left	7.82	11/25/2013 11/25/2013	Herman Phillips

LMIR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
30	2.57	2.57	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:18206 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: FIELD_STRUCT_DESC: 16-inch steel pipe through the levee, 3.3 feet below the crown. Gate valve and switch box on landward slope. Pipe exposed on both slopes. (USACE-1959) Riprap on waterward side. This entry matches the Drainage or Irrigation Structure referenced in O&M manual (HLM 2.70). FS Date: 6/7/2013	38.256234 ° -121.651638 °	38.256234 ° -121.651638 °	42 Y
DWR ID: DWR_RD0501_03_f_2013_42										
31	2.57	2.57	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:18945 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Need to determine owner of structure. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances. FIELD_STRUCT_DESC: 16-inch steel pipe through the levee, 3.3 feet below the crown. Gate valve and switch box on landward slope. Pipe exposed on both slopes. (USACE-1959) Riprap on waterward side. This entry matches the Drainage or Irrigation Structure referenced in O&M manual (HLM 2.70). FS Date: 6/7/2013	38.256239 ° -121.651546 °	38.256239 ° -121.651546 °	44
DWR ID: DWR_RD0501_03_f_2013_44										
32	2.60	2.75	Earthen Levee	Trim / Thin Trees	WS	M Ma	T1 : Trim trees to at least five feet above ground level.	38.257445 ° -121.651437 °	38.258759 ° -121.651449 °	3
DWR ID: DWR_RD0501_03_s_2012_3										
33	2.61	2.66	Earthen Levee	Vegetation	WS	M Ma	V2 : Remove the wild growth other than native grasses from the levee slopes.	38.256764 ° -121.651516 °	38.257435 ° -121.651498 °	9
DWR ID: DWR_RD0501_03_f_2012_9										
34	2.66	2.78	Earthen Levee	Vegetation	WS	M Ma	V2 : Remove the wild growth other than native grasses from the levee slopes. Inspector Comments: Unsatisfactory wild growth on waterside shoulder and slope.	38.258066 ° -121.651476 °	38.259805 ° -121.651380 °	4
DWR ID: DWR_RD0501_03_s_2012_4										
35	2.85	3.18	Earthen Levee	Trim / Thin Trees	LS	M Ma	T1 : Trim trees to at least five feet above ground level.	38.260118 ° -121.651351 °	38.262839 ° -121.647722 °	130
DWR ID: DWR_RD0501_03_f_2013_130										

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

**Levee Inspection Report By Mile - Fall 2013**

**Reclamation District No. 0501 Ryer Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Miner Slough	Left	7.82	11/25/2013 11/25/2013	Herman Phillips

LMR No.	Levee Mile		Category	Item	* Location	+ Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	

36	3.58	3.58	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:18946 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Need to find owner of crossing and determine if permit number is available. Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) through the waterward slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances. FIELD_STRUCT_DESC: 12-inch steel pipe through the levee, 5.0 feet below the crown. Pump on pile structure in stream. Service pole on landward slope. Concrete standpipe at landward toe. (USACE-1959). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (HLM 3.80). FS Date: 6/7/2013	38.266187 °	38.266187 °	45
								-121.641909 °	-121.641909 °	

DWR ID: DWR\_RD0501\_03\_f\_2013\_45

37	3.58	3.58	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:18207 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: rodent activity on I/s FIELD_STRUCT_DESC: 12-inch steel pipe through the levee, 5.0 feet below the crown. Pump on pile structure in stream. Service pole on landward slope. Concrete standpipe at landward toe. (USACE-1959). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (HLM 3.80). FS Date: 6/7/2013	38.266208 °	38.266208 °	48
								-121.641891 °	-121.641891 °	Y

DWR ID: DWR\_RD0501\_03\_f\_2013\_48

38	3.58	3.58	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:18168 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: rodent activity on I/s FIELD_STRUCT_DESC: 12-inch steel pipe through the levee, 5.0 feet below the crown. Pump on pile structure in stream. Service pole on landward slope. Concrete standpipe at landward toe. (USACE-1959). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (HLM 3.80). FS Date: 6/7/2013	38.266208 °	38.266208 °	49
								-121.641891 °	-121.641891 °	

DWR ID: DWR\_RD0501\_03\_f\_2013\_49

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

**Levee Inspection Report By Mile - Fall 2013**

**Reclamation District No. 0501 Ryer Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Miner Slough	Left	7.82	11/25/2013 11/25/2013	Herman Phillips

LMR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	

39	3.58	3.58	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:19661 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Need to find owner of crossing and determine if permit number is available. Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) through the waterward slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances. FIELD_STRUCT_DESC: 12-inch steel pipe through the levee, 5.0 feet below the crown. Pump on pile structure in stream. Service pole on landward slope. Concrete standpipe at landward toe. (USACE-1959). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (HLM 3.80). FS Date: 6/7/2013	38.266187 ° -121.641909 °	38.266187 ° -121.641909 °	50
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DWR ID: DWR\_RD0501\_03\_f\_2013\_50

40	3.59	3.66	Earthen Levee	Vegetation	LS	M Ma	V1 : Control annual grass and weeds on the levee slopes and easements.	38.266248 ° -121.641745 °	38.267316 ° -121.640869 °	131
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DWR ID: DWR\_RD0501\_03\_f\_2013\_131

41	3.62	3.90	Earthen Levee	Vegetation	WS	M Ma	V2 : Remove the wild growth other than native grasses from the levee slopes.	38.266655 ° -121.641495 °	38.270148 ° -121.641530 °	46
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DWR ID: DWR\_RD0501\_03\_s\_2012\_46

42	3.62	3.64	Earthen Levee	Trim / Thin Trees	LS	M Ma	T2 : Thin trees to allow visibility of the ground and room to flood fight.	38.266666 ° -121.641475 °	38.266857 ° -121.641280 °	15
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DWR ID: DWR\_RD0501\_03\_s\_2012\_15

43	3.69	3.69	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:18948 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Crossing appears abandoned--wooden platform structure appears to be abandoned on waterward side. Small hole underneath pipe on landward side--unable to determine cause (rodent/pipe leak) Need to find owner of crossing and properly abandon structure. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtances. FIELD_STRUCT_DESC: 6-inch pipe through the levee, 2.5 feet below the crown. Pump in pump house on waterward slope. (USACE-1959). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (HLM 3.90). FS Date: 6/7/2013	38.267490 ° -121.640749 °	38.267490 ° -121.640749 °	51
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DWR ID: DWR\_RD0501\_03\_f\_2013\_51

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

**Levee Inspection Report By Mile - Fall 2013**

**Reclamation District No. 0501 Ryer Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Miner Slough	Left	7.82	11/25/2013 11/25/2013	Herman Phillips

LMIR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	

44	3.69	3.69	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:18169 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: wooden platform structure (abandoned) exists on W/S. crossing appears to be abandoned. Small hole underneath pipe on L/S. unable to determine th cause (rodent/sup??) FIELD_STRUCT_DESC: 6-inch pipe through the levee, 2.5 feet below the crown. Pump in pump house on waterward slope. (USACE-1959). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (HLM 3.90). FS Date: 6/7/2013	38.267493 °	38.267493 °	52
								-121.640747 °	-121.640747 °	
								DWR ID: DWR_RD0501_03_f_2013_52		

45	3.69	3.69	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:18223 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: wooden platform structure (abandoned) exists on W/S. crossing appears to be abandoned. Small hole underneath pipe on L/S. unable to determine th cause (rodent/sup??) FIELD_STRUCT_DESC: 6-inch pipe through the levee, 2.5 feet below the crown. Pump in pump house on waterward slope. (USACE-1959). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (HLM 3.90). FS Date: 6/7/2013	38.267493 °	38.267493 °	53
								-121.640747 °	-121.640747 °	Y
								DWR ID: DWR_RD0501_03_f_2013_53		

46	3.69	3.69	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:18947 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Crossing appears abandoned--wooden platform structure appears to be abandoned on waterward side. Small hole underneath pipe on landward side--unable to determine cause (rodent/pipe leak) Need to find owner of crossing and properly abandon structure. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtances. FIELD_STRUCT_DESC: 6-inch pipe through the levee, 2.5 feet below the crown. Pump in pump house on waterward slope. (USACE-1959). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (HLM 3.90). FS Date: 6/7/2013	38.267493 °	38.267493 °	54
								-121.640747 °	-121.640747 °	
								DWR ID: DWR_RD0501_03_f_2013_54		

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

**Levee Inspection Report By Mile - Fall 2013**

**Reclamation District No. 0501 Ryer Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Miner Slough	Left	7.82	11/25/2013 11/25/2013	Herman Phillips

LMIR No.	Levee Mile		Category	Item	* Location	** Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
47	3.69	3.70	Earthen Levee	Trim / Thin Trees	LS	M Ma	T2 : Thin trees to allow visibility of the ground and room to flood fight. Inspector Comments: Wild growth has completely covered the slope on landside. The District has started removing some of this brush, more needs to be removed.	38.267485 ° -121.640667 °	38.267578 ° -121.640507 °	22 Y
								DWR ID: DWR_RD0501_03_s_2012_22		
48	3.71	3.73	Earthen Levee	Encroachments	LS	M En	BU : Building	38.267642 ° -121.640452 °	38.267907 ° -121.640327 °	23
								DWR ID: DWR_RD0501_03_s_2012_23		
49	3.72	3.72	Supplemental	DWR UCIP Field Study	LS	U En	Inspector Comments: FS_ID:19603 EP_NO: N/A Repair Type: Urgent Crossing Status: Found UCIP Comments: Unable to properly inspect structure--limited access. Also unable to determine if structure is still in use. Levee logs indicate this crossing is abandoned. If structure is no longer used-how to prevent water from flowing through levee during flood season. If structure no longer in use owner will need to remove structure per CVFPB Title 23 requirements. FIELD_STRUCT_DESC: Abandoned 5.5 x 5.5 foot concrete tunnel through the levee, 6.5 feet below the crown. FS Date: 6/7/2013	38.267818 ° -121.640521 °	38.267818 ° -121.640521 °	55
								DWR ID: DWR_RD0501_03_f_2013_55		
50	3.72	3.72	Supplemental	DWR UCIP Field Study	LS	U En	Inspector Comments: FS_ID:18949 EP_NO: N/A Repair Type: Urgent Crossing Status: Found UCIP Comments: Unable to determine if structure is plugged to prevent water from flowing through levee during flood season. Need to properly abandon structure--structure appears abandoned. Unable to properly inspect structure--limited access. FIELD_STRUCT_DESC: Abandoned 5.5 x 5.5 foot concrete tunnel through the levee, 6.5 feet below the crown. FS Date: 6/7/2013	38.267818 ° -121.640521 °	38.267818 ° -121.640521 °	56
								DWR ID: DWR_RD0501_03_f_2013_56		
51	3.72	3.72	Supplemental	DWR UCIP Field Study	LS	U En	Inspector Comments: FS_ID:18170 EP_NO: N/A Repair Type: Urgent Crossing Status: Found UCIP Comments: damage to L/S. shoulder.; appears to be a sign of repair on crown closer to W/S. FIELD_STRUCT_DESC: Abandoned 5.5 x 5.5 foot concrete tunnel through the levee, 6.5 feet below the crown. FS Date: 6/7/2013	38.267833 ° -121.640562 °	38.267833 ° -121.640562 °	57
								DWR ID: DWR_RD0501_03_f_2013_57		

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

**Levee Inspection Report By Mile - Fall 2013**

**Reclamation District No. 0501 Ryer Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Miner Slough	Left	7.82	11/25/2013 11/25/2013	Herman Phillips

LMR No.	Levee Mile		Category	Item	* Location	+ Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
52	3.72	3.72	Supplemental	DWR UCIP Field Study	LS	U En	Inspector Comments: FS_ID:18224 EP_NO: N/A Repair Type: Urgent Crossing Status: Found UCIP Comments: damage to L/S. shoulder.; appears to be a sign of repair on crown closer to W/S. FIELD_STRUCT_DESC: Abandoned 5.5 x 5.5 foot concrete tunnel through the levee, 6.5 feet below the crown. FS Date: 6/7/2013	38.267833 ° -121.640562 °	38.267833 ° -121.640562 °	58 Y
DWR ID: DWR_RD0501_03_f_2013_58										
53	3.73	3.73	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:18244 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Not Found UCIP Comments: FIELD_STRUCT_DESC: Abandoned 5.5 x 6.0 foot concrete tunnel through the levee, 6.4 feet below the crown. FS Date: 6/7/2013	38.268003 ° -121.640474 °	38.268003 ° -121.640474 °	59
DWR ID: DWR_RD0501_03_f_2013_59										
54	3.73	3.73	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:18243 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: needs proper abandment FIELD_STRUCT_DESC: Abandoned 5.5 x 6.0 foot concrete tunnel through the levee, 6.4 feet below the crown. FS Date: 6/7/2013	38.268003 ° -121.640474 °	38.268003 ° -121.640474 °	60
DWR ID: DWR_RD0501_03_f_2013_60										
55	3.73	3.73	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:18171 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: needs proper abandment FIELD_STRUCT_DESC: Abandoned 5.5 x 6.0 foot concrete tunnel through the levee, 6.4 feet below the crown. FS Date: 6/7/2013	38.268003 ° -121.640474 °	38.268003 ° -121.640474 °	61 Y
DWR ID: DWR_RD0501_03_f_2013_61										

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

**Levee Inspection Report By Mile - Fall 2013**

**Reclamation District No. 0501 Ryer Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Miner Slough	Left	7.82	11/25/2013 11/25/2013	Herman Phillips

LMR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	

56	3.75	3.75	Supplemental	DWR UCIP Field Study	LS	M	Inspector Comments: FS_ID:18263 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: FIELD_STRUCT_DESC: 36-inch pipe through the levee, 5.0 feet below the crown. Grain loading auger sleeved through the pipe. Grain loading system on platform in channel. (USACE-1959). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (HLM 4.00). FS Date: 6/7/2013	38.268278 ° -121.640478 °	38.268278 ° -121.640478 °	62
								DWR ID: DWR_RD0501_03_f_2013_62		

57	3.75	3.75	Supplemental	DWR UCIP Field Study	LS	M	Inspector Comments: FS_ID:18245 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: FIELD_STRUCT_DESC: 36-inch pipe through the levee, 5.0 feet below the crown. Grain loading auger sleeved through the pipe. Grain loading system on platform in channel. (USACE-1959). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (HLM 4.00). FS Date: 6/7/2013	38.268278 ° -121.640478 °	38.268278 ° -121.640478 °	63
								DWR ID: DWR_RD0501_03_f_2013_63		

58	3.75	3.75	Supplemental	DWR UCIP Field Study	LS	M	Inspector Comments: FS_ID:19662 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Need to abandon structure properly--contact owner. Also if crossing is still in use--recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances. FIELD_STRUCT_DESC: 36-inch pipe through the levee, 5.0 feet below the crown. Grain loading auger sleeved through the pipe. Grain loading system on platform in channel. (USACE-1959). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (HLM 4.00). FS Date: 6/7/2013	38.268278 ° -121.640377 °	38.268278 ° -121.640377 °	64
								DWR ID: DWR_RD0501_03_f_2013_64		

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

**Levee Inspection Report By Mile - Fall 2013**

**Reclamation District No. 0501 Ryer Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Miner Slough	Left	7.82	11/25/2013 11/25/2013	Herman Phillips

LMR No.	Levee Mile		Category	Item	* Location	+ Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	

59	3.75	3.75	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:18963 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Need to abandon structure properly-- contact owner. Also if crossing is still in use--recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances. FIELD_STRUCT_DESC: 36-inch pipe through the levee, 5.0 feet below the crown. Grain loading auger sleeved through the pipe. Grain loading system on platform in channel. (USACE-1959). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (HLM 4.00). FS Date: 6/7/2013	38.268278 °	38.268278 °	65
								-121.640377 °	-121.640377 °	
DWR ID: DWR_RD0501_03_f_2013_65										

60	3.77	3.77	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:19663 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) through the waterward slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances. FIELD_STRUCT_DESC: 6-inch pipe through the levee, 2.5 feet below the crown. Pump in pump house on waterward slope. (USACE-1959). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (HLM 4.00). FS Date: 6/7/2013	38.268570 °	38.268570 °	66
								-121.640408 °	-121.640408 °	
DWR ID: DWR_RD0501_03_f_2013_66										

61	3.77	3.77	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:18283 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: vegetation on ws. FIELD_STRUCT_DESC: 6-inch pipe through the levee, 2.5 feet below the crown. Pump in pump house on waterward slope. (USACE-1959). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (HLM 4.00). FS Date: 6/7/2013	38.268566 °	38.268566 °	67
								-121.640507 °	-121.640507 °	
DWR ID: DWR_RD0501_03_f_2013_67										

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

**Levee Inspection Report By Mile - Fall 2013**

**Reclamation District No. 0501 Ryer Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Miner Slough	Left	7.82	11/25/2013 11/25/2013	Herman Phillips

LMR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
62	3.77	3.77	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:18172 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: vegetation on ws. FIELD_STRUCT_DESC: 6-inch pipe through the levee, 2.5 feet below the crown. Pump in pump house on waterward slope. (USACE-1959). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (HLM 4.00). FS Date: 6/7/2013	38.268566 ° -121.640507 °	38.268566 ° -121.640507 °	68
DWR ID: DWR_RD0501_03_f_2013_68										
63	3.77	3.77	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:18983 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) through the waterward slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances. FIELD_STRUCT_DESC: 6-inch pipe through the levee, 2.5 feet below the crown. Pump in pump house on waterward slope. (USACE-1959). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (HLM 4.00). FS Date: 6/7/2013	38.268570 ° -121.640408 °	38.268570 ° -121.640408 °	69 Y
DWR ID: DWR_RD0501_03_f_2013_69										
64	3.79	4.82	Earthen Levee	Vegetation	LS	M Ma	V2 : Remove the wild growth other than native grasses from the levee slopes. Inspector Comments: The top section has been mowed. The district said they will come back and do the bottom.	38.268859 ° -121.640524 °	38.280924 ° -121.640725 °	17
DWR ID: DWR_RD0501_03_s_2012_17										
65	3.79	4.57	Earthen Levee	Vegetation	LS	U Ma	V1 : Control annual grass and weeds on the levee slopes and easements.	38.268970 ° -121.640591 °	38.278174 ° -121.637885 °	132 Y
DWR ID: DWR_RD0501_03_f_2013_132										
66	4.06	4.16	Earthen Levee	Vegetation	WS	M Ma	V2 : Remove the wild growth other than native grasses from the levee slopes.	38.272307 ° -121.641668 °	38.273723 ° -121.641085 °	47
DWR ID: DWR_RD0501_03_s_2012_47										
67	4.22	4.30	Earthen Levee	Vegetation	LS	M Ma	V2 : Remove the wild growth other than native grasses from the levee slopes.	38.274602 ° -121.640972 °	38.275275 ° -121.639817 °	25
DWR ID: DWR_RD0501_03_f_2012_25										

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

**Levee Inspection Report By Mile - Fall 2013**

**Reclamation District No. 0501 Ryer Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Miner Slough	Left	7.82	11/25/2013 11/25/2013	Herman Phillips

LMIR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	

68	4.39	4.39	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:18984 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Damage to levee shoulder. Crossing appears to be still be in use--need to contact owner to inform about maintenance issues. Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the waterward and landward slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances. FIELD_STRUCT_DESC: 24-inch pipe through the levee, 6.5 feet below the crown. Cutoff wall around pipe at waterward shoulder. Siphon breaker on apex of pipe at landward shoulder. Pump in pump house on landward slope. (USACE-1959). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (HLM 4.60). 18-inch steel pipe sleeved through the 24-inch pipe under Permit No. 2496 (1957). Annular gap grouted. FS Date: 6/7/2013	38.275843 ° -121.638698 °	38.275843 ° -121.638698 °	70
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DWR ID: DWR\_RD0501\_03\_f\_2013\_70

69	4.39	4.39	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:19664 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Damage to levee shoulder. Crossing appears to be still be in use--need to contact owner to inform about maintenance issues. Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the waterward and landward slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances. FIELD_STRUCT_DESC: 24-inch pipe through the levee, 6.5 feet below the crown. Cutoff wall around pipe at waterward shoulder. Siphon breaker on apex of pipe at landward shoulder. Pump in pump house on landward slope. (USACE-1959). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (HLM 4.60). 18-inch steel pipe sleeved through the 24-inch pipe under Permit No. 2496 (1957). Annular gap grouted. FS Date: 6/7/2013	38.275843 ° -121.638698 °	38.275843 ° -121.638698 °	71
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DWR ID: DWR\_RD0501\_03\_f\_2013\_71

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

**Levee Inspection Report By Mile - Fall 2013**

**Reclamation District No. 0501 Ryer Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Miner Slough	Left	7.82	11/25/2013 11/25/2013	Herman Phillips

LMR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
70	4.39	4.39	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:18173 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: dense vegetation W/S - unable to inspect FIELD_STRUCT_DESC: 24-inch pipe through the levee, 6.5 feet below the crown. Cutoff wall around pipe at waterward shoulder. Siphon breaker on apex of pipe at landward shoulder. Pump in pump house on landward slope. (USACE-1959). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (HLM 4.60). 18-inch steel pipe sleeved through the 24-inch pipe under Permit No. 2496 (1957). Annular gap grouted. FS Date: 6/7/2013	38.275869 ° -121.638544 °	38.275869 ° -121.638544 °	72
DWR ID: DWR_RD0501_03_f_2013_72										
71	4.39	4.39	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:18284 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: dense vegetation W/S - unable to inspect FIELD_STRUCT_DESC: 24-inch pipe through the levee, 6.5 feet below the crown. Cutoff wall around pipe at waterward shoulder. Siphon breaker on apex of pipe at landward shoulder. Pump in pump house on landward slope. (USACE-1959). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (HLM 4.60). 18-inch steel pipe sleeved through the 24-inch pipe under Permit No. 2496 (1957). Annular gap grouted. FS Date: 6/7/2013	38.275869 ° -121.638544 °	38.275869 ° -121.638544 °	73 Y
DWR ID: DWR_RD0501_03_f_2013_73										
72	4.57	5.36	Earthen Levee	Vegetation	LS	M Ma	V2 : Remove the wild growth other than native grasses from the levee slopes.	38.278259 ° -121.637938 °	38.287265 ° -121.643761 °	133
DWR ID: DWR_RD0501_03_f_2013_133										
73	4.75	4.82	Earthen Levee	Vegetation	LS	M Ma	V2 : Remove the wild growth other than native grasses from the levee slopes.	38.279889 ° -121.640228 °	38.280865 ° -121.640726 °	26
DWR ID: DWR_RD0501_03_f_2012_26										

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

**Levee Inspection Report By Mile - Fall 2013**

**Reclamation District No. 0501 Ryer Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Miner Slough	Left	7.82	11/25/2013 11/25/2013	Herman Phillips

LMR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	

74	4.84	4.84	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:19665 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: --Contact owner--Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the waterward and landward slopes. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtances. Walkway or siphon breaker not found. FIELD_STRUCT_DESC: 12-inch concrete pipe through the levee, 2.5 feet below the crown. Cutoff wall around pipe at center of levee. Siphon breaker on apex of pipe at shoulder. Pump on pile structure in stream. Walkway access to pump. (USACE-1959). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (HLM 5.10). FS Date: 6/7/2013	38.281025 ° -121.640894 °	38.281025 ° -121.640894 °	74
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DWR ID: DWR\_RD0501\_03\_f\_2013\_74

75	4.84	4.84	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:18175 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: no walkway present, siphon breaker not found at the apex; dense vegetation obstructioned inspection on L/S and W/S FIELD_STRUCT_DESC: 12-inch concrete pipe through the levee, 2.5 feet below the crown. Cutoff wall around pipe at center of levee. Siphon breaker on apex of pipe at shoulder. Pump on pile structure in stream. Walkway access to pump. (USACE-1959). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (HLM 5.10). FS Date: 6/7/2013	38.280948 ° -121.640989 °	38.280948 ° -121.640989 °	75
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DWR ID: DWR\_RD0501\_03\_f\_2013\_75

76	4.84	4.84	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:18985 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: --Contact owner--Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the waterward and landward slopes. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtances. Appurtances not found--walkway or siphon breaker. FIELD_STRUCT_DESC: 12-inch concrete pipe through the levee, 2.5 feet below the crown. Cutoff wall around pipe at center of levee. Siphon breaker on apex of pipe at shoulder. Pump on pile structure in stream. Walkway access to pump. (USACE-1959). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (HLM 5.10). FS Date: 6/7/2013	38.281025 ° -121.640894 °	38.281025 ° -121.640894 °	76 Y
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DWR ID: DWR\_RD0501\_03\_f\_2013\_76

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

**Levee Inspection Report By Mile - Fall 2013**

**Reclamation District No. 0501 Ryer Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Miner Slough	Left	7.82	11/25/2013 11/25/2013	Herman Phillips

LMR No.	Levee Mile		Category	Item	* Location	+ Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
77	4.84	4.84	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:18285 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: no walkway present, siphon breaker not found at the apex; dense vegetation obstructioned inspection on L/S and W/S FIELD_STRUCT_DESC: 12-inch concrete pipe through the levee, 2.5 feet below the crown. Cutoff wall around pipe at center of levee. Siphon breaker on apex of pipe at shoulder. Pump on pile structure in stream. Walkway access to pump. (USACE-1959). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (HLM 5.10). FS Date: 6/7/2013	38.280948 ° -121.640989 °	38.280948 ° -121.640989 °	77
DWR ID: DWR_RD0501_03_f_2013_77										
78	4.87	4.92	Earthen Levee	Vegetation	LS	C Ma	V2 : Remove the wild growth other than native grasses from the levee slopes.	38.281437 ° -121.641331 °	38.281656 ° -121.642234 °	18
DWR ID: DWR_RD0501_03_s_2012_18										
79	5.20	6.52	Earthen Levee	Vegetation	LS	C Ma	V2 : Remove the wild growth other than native grasses from the levee slopes.	38.286315 ° -121.643147 °	38.290268 ° -121.627290 °	19
DWR ID: DWR_RD0501_03_s_2012_19										
80	5.51	5.51	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:19666 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Need to find owner and permit number authorizing work. Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the waterward and landward slopes. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances. FIELD_STRUCT_DESC: 12-inch pipe through the levee, 3.0 feet below the crown. Pump on pile structure in stream. FS Date: 6/7/2013	38.288936 ° -121.644171 °	38.288936 ° -121.644171 °	78
DWR ID: DWR_RD0501_03_f_2013_78										
81	5.51	5.51	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:18286 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: needs to be reinspected; dense vegetation on W/S; obstructs inspection; vegetation on L/S; FIELD_STRUCT_DESC: 12-inch pipe through the levee, 3.0 feet below the crown. Pump on pile structure in stream. FS Date: 6/7/2013	38.288857 ° -121.644389 °	38.288857 ° -121.644389 °	79
DWR ID: DWR_RD0501_03_f_2013_79										

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

**Levee Inspection Report By Mile - Fall 2013**

**Reclamation District No. 0501 Ryer Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Miner Slough	Left	7.82	11/25/2013 11/25/2013	Herman Phillips

LMR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	

82	5.51	5.51	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:18986 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Need to find owner and permit number authorizing work. Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the waterward and landward slopes. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtances. FIELD_STRUCT_DESC: 12-inch pipe through the levee, 3.0 feet below the crown. Pump on pile structure in stream. FS Date: 6/7/2013	38.288936 °	38.288936 °	80	
								-121.644171 °	-121.644171 °		
								DWR ID: DWR_RD0501_03_f_2013_80			

83	5.51	5.51	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:18176 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: needs to be reinspected; dense vegetation on W/S; obstructs inspection; vegetation on L/S; FIELD_STRUCT_DESC: 12-inch pipe through the levee, 3.0 feet below the crown. Pump on pile structure in stream. FS Date: 6/7/2013	38.288857 °	38.288857 °	81	
								-121.644389 °	-121.644389 °	Y	
								DWR ID: DWR_RD0501_03_f_2013_81			

84	5.53	5.53	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:18177 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Needs to be reinspected FIELD_STRUCT_DESC: 10-inch pipe through the levee, 1.8 feet below the crown. Pump on pile structure in stream. Pipe exposed on landward side. (USACE-1959). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (HLM 5.90). FS Date: 6/7/2013	38.288838 °	38.288838 °	82	
								-121.644119 °	-121.644119 °		
								DWR ID: DWR_RD0501_03_f_2013_82			

85	5.53	5.53	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:18444 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Not Found UCIP Comments: Needs to be reinspected FIELD_STRUCT_DESC: 10-inch pipe through the levee, 1.8 feet below the crown. Pump on pile structure in stream. Pipe exposed on landward side. (USACE-1959). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (HLM 5.90). FS Date: 6/7/2013	38.288838 °	38.288838 °	83	
								-121.644119 °	-121.644119 °		
								DWR ID: DWR_RD0501_03_f_2013_83			

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

**Levee Inspection Report By Mile - Fall 2013**

**Reclamation District No. 0501 Ryer Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Miner Slough	Left	7.82	11/25/2013 11/25/2013	Herman Phillips

LMIR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	

86	5.53	5.53	Supplemental	DWR UCIP Field Study	WS	M En	Inspector Comments: FS_ID:18443 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Not Found UCIP Comments: Needs to be reinspected FIELD_STRUCT_DESC: 10-inch pipe through the levee, 1.8 feet below the crown. Pump on pile structure in stream. Pipe exposed on landward side. (USACE-1959). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (HLM 5.90). FS Date: 6/7/2013	38.288838 ° -121.644119 °	38.288838 ° -121.644119 °	84
DWR ID: DWR_RD0501_03_f_2013_84										
87	5.57	5.75	Earthen Levee	Vegetation	WS	M Ma	V2 : Remove the wild growth other than native grasses from the levee slopes.	38.289092 ° -121.643378 °	38.289662 ° -121.640412 °	27
DWR ID: DWR_RD0501_03_s_2012_27										
88	6.43	6.52	Earthen Levee	Trim / Thin Trees	WS	M Ma	T2 : Thin trees to allow visibility of the ground and room to flood fight.	38.290750 ° -121.628772 °	38.290268 ° -121.627285 °	6
DWR ID: DWR_RD0501_03_s_2012_6										
89	6.50	6.50	Supplemental	DWR UCIP Field Study	WS	M En	Inspector Comments: FS_ID:19003 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Crossing seems abandoned. Horizontal and vertical cracks present on stand pipe located on landward side. Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the waterward slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtances. FIELD_STRUCT_DESC: 12-inch steel pipe through the levee, 6.0 feet below the crown. 2-inch conduit line through levee. Pump and gate valve on waterward slope. Pipe exposed on landward side. (USACE-1959). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (HLM 6.90). FS Date: 6/13/2013	38.290373 ° -121.627633 °	38.290373 ° -121.627633 °	85 Y
DWR ID: DWR_RD0501_03_f_2013_85										

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

**Levee Inspection Report By Mile - Fall 2013**

**Reclamation District No. 0501 Ryer Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Miner Slough	Left	7.82	11/25/2013 11/25/2013	Herman Phillips

LMR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	

90	6.50	6.50	Supplemental	DWR UCIP Field Study	WS	M En	Inspector Comments: FS_ID:19667 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Crossing seems abandoned. Horizontal and vertical cracks present on stand pipe located on landward side. Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the waterward slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances. FIELD_STRUCT_DESC: 12-inch steel pipe through the levee, 6.0 feet below the crown. 2-inch conduit line through levee. Pump and gate valve on waterward slope. Pipe exposed on landward side. (USACE-1959). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (HLM 6.90). FS Date: 6/13/2013	38.290373 ° -121.627633 °	38.290373 ° -121.627633 °	86
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DWR ID: DWR\_RD0501\_03\_f\_2013\_86

91	6.50	6.50	Supplemental	DWR UCIP Field Study	WS	M En	Inspector Comments: FS_ID:18178 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Concrete platform on the LS slope toe, 4'x3'; 3 inch conduit FIELD_STRUCT_DESC: Abandoned 8-inch steel pipe through the levee, 2.7 feet below the crown. Siphon breaker on apex of pipe at landward shoulder. Surge chamber at landward toe. Pump near waterward toe. Pipe exposed on landward side. (USACE-1959). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (HLM 6.90). FS Date: 6/7/2013	38.290438 ° -121.627595 °	38.290438 ° -121.627595 °	87 Y
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DWR ID: DWR\_RD0501\_03\_f\_2013\_87

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

**Levee Inspection Report By Mile - Fall 2013**

**Reclamation District No. 0501 Ryer Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Miner Slough	Left	7.82	11/25/2013 11/25/2013	Herman Phillips

LMR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	

95	6.51	6.51	Supplemental	DWR UCIP Field Study	WS	M En	Inspector Comments: FS_ID:18988 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: crossing was running during inspection; Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the waterward slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances. FIELD_STRUCT_DESC: 1 of 2: 30-inch steel pipe through the levee, 9.5 feet below the crown. Cutoff wall around pipe at center of levee. Siphon breaker at landward slope. Primer tanks on landward slope. Pipe exposed on both slopes. (USACE-1959). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (HLM 6.90). Section of pipe between shoulders removed and replaced with 30-inch steel pipe under Permit No. 2497 (1959). FS Date: 6/13/2013	38.290346 °	38.290346 °	91
								-121.627419 °	-121.627419 °	

DWR ID: DWR\_RD0501\_03\_f\_2013\_91

96	6.51	6.51	Supplemental	DWR UCIP Field Study	WS	M En	Inspector Comments: FS_ID:18990 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: crossing was running during inspection; Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the waterward slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances. FIELD_STRUCT_DESC: 1 of 2: 30-inch steel pipe through the levee, 9.5 feet below the crown. Cutoff wall around pipe at center of levee. Siphon breaker at landward slope. Primer tanks on landward slope. Pipe exposed on both slopes. (USACE-1959). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (HLM 6.90). Section of pipe between shoulders removed and replaced with 30-inch steel pipe under Permit No. 2497 (1959). FS Date: 6/13/2013	38.290346 °	38.290346 °	92
								-121.627419 °	-121.627419 °	

DWR ID: DWR\_RD0501\_03\_f\_2013\_92

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

**Levee Inspection Report By Mile - Fall 2013**

**Reclamation District No. 0501 Ryer Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Miner Slough	Left	7.82	11/25/2013 11/25/2013	Herman Phillips

LMIR No.	Levee Mile		Category	Item	* Location	+ Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	

99	6.51	6.51	Supplemental	DWR UCIP Field Study	WS	M En	Inspector Comments: FS_ID:19668 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Crossing was operating during inspection; Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the waterward slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances. FIELD_STRUCT_DESC: 1 of 2: 30-inch steel pipe through the levee, 9.5 feet below the crown. Cutoff wall around pipe at center of levee. Siphon breaker at landward slope. Primer tanks on landward slope. Pipe exposed on both slopes. (USACE-1959). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (HLM 6.90). Section of pipe between shoulders removed and replaced with 30-inch steel pipe under Permit No. 2497 (1959). FS Date: 6/13/2013	38.290346 °	38.290346 °	95
								-121.627419 °	-121.627419 °	

DWR ID: DWR\_RD0501\_03\_f\_2013\_95

100	6.51	6.51	Supplemental	DWR UCIP Field Study	WS	M En	Inspector Comments: FS_ID:19004 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Crossing was operating during inspection; Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the waterward slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances. FIELD_STRUCT_DESC: 1 of 2: 30-inch steel pipe through the levee, 9.5 feet below the crown. Cutoff wall around pipe at center of levee. Siphon breaker at landward slope. Primer tanks on landward slope. Pipe exposed on both slopes. (USACE-1959). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (HLM 6.90). Section of pipe between shoulders removed and replaced with 30-inch steel pipe under Permit No. 2497 (1959). FS Date: 6/13/2013	38.290346 °	38.290346 °	96
								-121.627419 °	-121.627419 °	

DWR ID: DWR\_RD0501\_03\_f\_2013\_96

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

**Levee Inspection Report By Mile - Fall 2013**

**Reclamation District No. 0501 Ryer Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Miner Slough	Left	7.82	11/25/2013 11/25/2013	Herman Phillips

LMIR No.	Levee Mile		Category	Item	Location * + Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End					Start	End	

101	6.52	6.52	Supplemental	DWR UCIP Field Study	WS M En	Inspector Comments: FS_ID:18317 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: pump house on the waterward side. 2 inch conduit line through levee. seems abandoned pipe. dense vegetation limit inspection on W/S. FIELD_STRUCT_DESC: 12-inch steel pipe through the levee, 6.0 feet below the crown. Pump and gate valve on waterward slope. Pipe exposed on landward side. (USACE-1959). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (HLM 6.90). FS Date: 6/7/2013	38.290254 ° -121.627370 °	38.290254 ° -121.627370 °	97
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DWR ID: DWR\_RD0501\_03\_f\_2013\_97

102	6.52	6.52	Supplemental	DWR UCIP Field Study	WS M En	Inspector Comments: FS_ID:18181 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: pump house on the waterward side. 2 inch conduit line through levee. seems abandoned pipe. dense vegetation limit inspection on W/S. FIELD_STRUCT_DESC: 12-inch steel pipe through the levee, 6.0 feet below the crown. Pump and gate valve on waterward slope. Pipe exposed on landward side. (USACE-1959). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (HLM 6.90). FS Date: 6/7/2013	38.290254 ° -121.627370 °	38.290254 ° -121.627370 °	98
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DWR ID: DWR\_RD0501\_03\_f\_2013\_98

103	6.52	6.52	Supplemental	DWR UCIP Field Study	WS M En	Inspector Comments: FS_ID:19006 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the waterward slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtances. Crossing needs to be abandoned properly. Need to find pipe owner. FIELD_STRUCT_DESC: Abandoned 8-inch steel pipe through the levee, 2.7 feet below the crown. Siphon breaker on apex of pipe at landward shoulder. Surge chamber at landward toe. Pump near waterward toe. Pipe exposed on landward side. (USACE-1959). Concrete platform 4 feet by 3 feet located on landward toe. 3-inch conduite runs along 8-inch steel pipe. This entry matches the Drainage or Irrigation Structure referenced in O&M manual (HLM 6.90). FS Date: 6/13/2013	38.290337 ° -121.627362 °	38.290337 ° -121.627362 °	99
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DWR ID: DWR\_RD0501\_03\_f\_2013\_99

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

**Levee Inspection Report By Mile - Fall 2013**

**Reclamation District No. 0501 Ryer Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Miner Slough	Left	7.82	11/25/2013 11/25/2013	Herman Phillips

LMIR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	

106	6.52	6.52	Supplemental	DWR UCIP Field Study	WS	M En	Inspector Comments: FS_ID:19670 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the waterward slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances. If crossing is not being used owner will need to remove per CVFPB Title 23 requirements. Need to find pipe owner. FIELD_STRUCT_DESC: Abandoned 8-inch steel pipe through the levee, 2.7 feet below the crown. Siphon breaker on apex of pipe at landward shoulder. Surge chamber at landward toe. Pump near waterward toe. Pipe exposed on landward side. (USACE-1959). Concrete platform 4 feet by 3 feet located on landward toe. 3-inch conduit runs along 8-inch steel pipe. This entry matches the Drainage or Irrigation Structure referenced in O&M manual (HLM 6.90). FS Date: 6/13/2013	38.290337 °	38.290337 °	102	
								-121.627362 °	-121.627362 °		
								DWR ID: DWR_RD0501_03_f_2013_102			

107	6.93	6.93	Supplemental	DWR UCIP Field Study	WS	M En	Inspector Comments: FS_ID:18326 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: rodent activity close to crossing (1 ft wide hole); walkway missing but platform remain on the WS; dense vegetation on both sides limits inspection. FIELD_STRUCT_DESC: 12-inch pipe through the levee, 6.5 feet below the crown. Switch panel on waterward slope. Pump on pile structure in stream. (USACE-1959). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (HLM 7.30). FS Date: 6/7/2013	38.290203 °	38.290203 °	103	
								-121.620126 °	-121.620126 °		
								DWR ID: DWR_RD0501_03_f_2013_103			

108	6.93	6.93	Supplemental	DWR UCIP Field Study	WS	M En	Inspector Comments: FS_ID:19027 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Rodent activity near crossing (1 ft wide hole). Walkway missing but platform remain on the waterward side. Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances. FIELD_STRUCT_DESC: 12-inch pipe through the levee, 6.5 feet below the crown. Switch panel on waterward slope. Pump on pile structure in stream. (USACE-1959). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (HLM 7.30). FS Date: 6/13/2013	38.290126 °	38.290126 °	104	
								-121.620146 °	-121.620146 °		
								DWR ID: DWR_RD0501_03_f_2013_104			

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

**Levee Inspection Report By Mile - Fall 2013**

**Reclamation District No. 0501 Ryer Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Miner Slough	Left	7.82	11/25/2013 11/25/2013	Herman Phillips

LMR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	

109	6.93	6.93	Supplemental	DWR UCIP Field Study	WS	M En	Inspector Comments: FS_ID:19026 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Rodent activity near crossing (1 ft wide hole). Walkway missing but platform remain on the waterward side. Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances. FIELD_STRUCT_DESC: 12-inch pipe through the levee, 6.5 feet below the crown. Switch panel on waterward slope. Pump on pile structure in stream. (USACE-1959). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (HLM 7.30). FS Date: 6/7/2013	38.290126 ° -121.620146 °	38.290126 ° -121.620146 °	105
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DWR ID: DWR\_RD0501\_03\_f\_2013\_105

110	6.93	6.93	Supplemental	DWR UCIP Field Study	WS	M En	Inspector Comments: FS_ID:18182 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: rodent activity close to crossing (1 ft wide hole); walkway missing but platform remain on the WS; dense vegetation on both sides limits inspection. FIELD_STRUCT_DESC: 12-inch pipe through the levee, 6.5 feet below the crown. Switch panel on waterward slope. Pump on pile structure in stream. (USACE-1959). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (HLM 7.30). FS Date: 6/7/2013	38.290203 ° -121.620126 °	38.290203 ° -121.620126 °	106 Y
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DWR ID: DWR\_RD0501\_03\_f\_2013\_106

111	6.93	6.93	Supplemental	DWR UCIP Field Study	WS	M En	Inspector Comments: FS_ID:19671 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Rodent activity near crossing (1 ft wide hole). Walkway missing but platform remain on the waterward side. Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances. FIELD_STRUCT_DESC: 12-inch pipe through the levee, 6.5 feet below the crown. Switch panel on waterward slope. Pump on pile structure in stream. (USACE-1959). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (HLM 7.30). FS Date: 6/13/2013	38.290126 ° -121.620146 °	38.290126 ° -121.620146 °	107
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DWR ID: DWR\_RD0501\_03\_f\_2013\_107

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

**Levee Inspection Report By Mile - Fall 2013**

**Reclamation District No. 0501 Ryer Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Miner Slough	Left	7.82	11/25/2013 11/25/2013	Herman Phillips

LMIR No.	Levee Mile		Category	Item	* Location	** Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	

112	7.35	7.35	Supplemental	DWR UCIP Field Study	WS	M En	Inspector Comments: FS_ID:19672 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Conduit visible on landward side; new gate on WS toe; filtration system with security fence; Pipe has been upgraded--need permit authorizing work and owner. Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the waterward slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances. FIELD_STRUCT_DESC: 8-inch steel pipe through the levee, 3.7 feet below the crown. Siphon breaker and service pole on landward slope. 2-inch conduit runs parallel to 8-inch steel pipe. Pump in pump house on waterward slope. (USACE-1959). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (HLM 8.00). FS Date: 6/13/2013	38.287825 ° -121.613418 °	38.287825 ° -121.613418 °	108
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DWR ID: DWR\_RD0501\_03\_f\_2013\_108

113	7.35	7.35	Supplemental	DWR UCIP Field Study	WS	U En	Inspector Comments: FS_ID:18327 EP_NO: N/A Repair Type: Urgent Crossing Status: Found UCIP Comments: 2 inch conduit visible on LS; pump house on WS slope; new gate on WS toe, filtration system with security fence; vegetation issue on both sides; the pipe seems new/upgraded system need permit FIELD_STRUCT_DESC: 8-inch steel pipe through the levee, 3.7 feet below the crown. Siphon breaker and service pole on landward slope. Pump in pump house on waterward slope. (USACE-1959). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (HLM 8.00). FS Date: 6/7/2013	38.287887 ° -121.613402 °	38.287887 ° -121.613402 °	109 Y
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DWR ID: DWR\_RD0501\_03\_f\_2013\_109

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

**Levee Inspection Report By Mile - Fall 2013**

**Reclamation District No. 0501 Ryer Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Miner Slough	Left	7.82	11/25/2013 11/25/2013	Herman Phillips

LMIR No.	Levee Mile		Category	Item	* Location	+ Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	

114	7.35	7.35	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:19029 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Conduit visible on landward side; new gate on WS toe; filtration system with security fence; Pipe has been upgraded--need permit authorizing work and owner. Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the waterward slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances. FIELD_STRUCT_DESC: 8-inch steel pipe through the levee, 3.7 feet below the crown. Siphon breaker and service pole on landward slope. 2-inch conduit runs parallel to 8-inch steel pipe. Pump in pump house on waterward slope. (USACE-1959). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (HLM 8.00). FS Date: 6/13/2013	38.287825 °	38.287825 °	110
								-121.613418 °	-121.613418 °	
DWR ID: DWR_RD0501_03_f_2013_110										

115	7.35	7.35	Supplemental	DWR UCIP Field Study	LS	U En	Inspector Comments: FS_ID:19028 EP_NO: N/A Repair Type: Urgent Crossing Status: Found UCIP Comments: 2 inch conduit visible on LS; new gate on WS toe; filtration system with security fence; vegetation issue on both sides; the pipe seems new/upgraded system need permit FIELD_STRUCT_DESC: 8-inch steel pipe through the levee, 3.7 feet below the crown. Siphon breaker and service pole on landward slope. Pump in pump house on waterward slope. (USACE-1959). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (HLM 8.00). FS Date: 6/13/2013	38.287887 °	38.287887 °	111
								-121.613402 °	-121.613402 °	
DWR ID: DWR_RD0501_03_f_2013_111										

116	7.35	7.35	Supplemental	DWR UCIP Field Study	LS	U En	Inspector Comments: FS_ID:18183 EP_NO: N/A Repair Type: Urgent Crossing Status: Found UCIP Comments: 2 inch conduit visible on LS; pump house on WS slope; new gate on WS toe, filtration system with security fence; vegetation issue on both sides; the pipe seems new/upgraded system need permit FIELD_STRUCT_DESC: 8-inch steel pipe through the levee, 3.7 feet below the crown. Siphon breaker and service pole on landward slope. Pump in pump house on waterward slope. (USACE-1959). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (HLM 8.00). FS Date: 6/7/2013	38.287887 °	38.287887 °	112
								-121.613402 °	-121.613402 °	
DWR ID: DWR_RD0501_03_f_2013_112										

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

**Levee Inspection Report By Mile - Fall 2013**

**Reclamation District No. 0501 Ryer Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Miner Slough	Left	7.82	11/25/2013 11/25/2013	Herman Phillips

LMR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
117	7.35	7.35	Earthen Levee	Encroachments	LS	U	PI : Pipe Inspector Comments: There is a pumping station, new pipe, sand filter, concrete pad, and fence within the 10 foot easement landside. Waterside new pipe pump and fence on water ward toe of levee. At this site there is an open trench on landward slope. Discovered 11-26-2012. District has not persued any further with this matter. 2013.	38.287750 ° -121.613335 °	38.287750 ° -121.613335 °	28 Y
DWR ID: DWR_RD0501_03_f_2012_28										
118	7.65	7.65	Earthen Levee	Vegetation	LS	M	V6 : Landscaping	38.286785 ° -121.608583 °	38.286785 ° -121.608583 °	40
DWR ID: DWR_RD0501_03_s_2012_40										
119	7.67	7.69	Earthen Levee	Vegetation	LS	M	V6 : Landscaping	38.286653 ° -121.608398 °	38.286342 ° -121.608183 °	33
DWR ID: DWR_RD0501_03_s_2012_33										
120	7.70	7.70	Supplemental	DWR UCIP Field Study	LS	M	Inspector Comments: FS_ID:19034 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Abandoned section of pipe on waterward berm. Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the waterward slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtances. FIELD_STRUCT_DESC: 8-inch steel pipe through the levee, 2.7 feet below the crown. Pump in pump house at landward toe. (USACE-1959). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (HLM 8.20). FS Date: 6/13/2013	38.286134 ° -121.607920 °	38.286134 ° -121.607920 °	113
DWR ID: DWR_RD0501_03_f_2013_113										
121	7.70	7.70	Supplemental	DWR UCIP Field Study	LS	M	Inspector Comments: FS_ID:18188 EP_NO: 11812 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: riprap on waterward side, cut open levee on LS slope 8 foot wide, abandoned old pump on waterward side FIELD_STRUCT_DESC: 12-inch steel pipe and 1.25-inch electrical conduit through the levee, both 3.0 feet below the crown. Cutoff wall around pipe and conduit at center of levee. Siphon breaker on apex of pipe at landward shoulder. Slant pump on waterward slope. Discharge structure at landward toe. Rock revtment on waterward slope. (Permit No. 11812-1976) FS Date: 6/7/2013	38.286384 ° -121.608184 °	38.286384 ° -121.608184 °	114
DWR ID: DWR_RD0501_03_f_2013_114										

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

**Levee Inspection Report By Mile - Fall 2013**

**Reclamation District No. 0501 Ryer Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Miner Slough	Left	7.82	11/25/2013 11/25/2013	Herman Phillips

LMR No.	Levee Mile		Category	Item	* Location	+ Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	

122	7.70	7.70	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:18187 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: riprap on WS FIELD_STRUCT_DESC: 8-inch steel pipe through the levee, 2.7 feet below the crown. Pump in pump house at landward toe. (USACE-1959). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (HLM 8.20). FS Date: 6/7/2013	38.286384 ° -121.608184 °	38.286384 ° -121.608184 °	115
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DWR ID: DWR\_RD0501\_03\_f\_2013\_115

123	7.70	7.70	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:18329 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: riprap on WS FIELD_STRUCT_DESC: 8-inch steel pipe through the levee, 2.7 feet below the crown. Pump in pump house at landward toe. (USACE-1959). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (HLM 8.20). FS Date: 6/7/2013	38.286384 ° -121.608184 °	38.286384 ° -121.608184 °	116 Y
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DWR ID: DWR\_RD0501\_03\_f\_2013\_116

124	7.70	7.70	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:18330 EP_NO: 11812 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: riprap on waterward side, cut open levee on LS slope 8 foot wide, abandoned old pump on waterward side FIELD_STRUCT_DESC: 12-inch steel pipe and 1.25-inch electrical conduit through the levee, both 3.0 feet below the crown. Cutoff wall around pipe and conduit at center of levee. Siphon breaker on apex of pipe at landward shoulder. Slant pump on waterward slope. Discharge structure at landward toe. Rock revetment on waterward slope. (Permit No. 11812-1976) FS Date: 6/7/2013	38.286384 ° -121.608184 °	38.286384 ° -121.608184 °	117 Y
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DWR ID: DWR\_RD0501\_03\_f\_2013\_117

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

**Levee Inspection Report By Mile - Fall 2013**

**Reclamation District No. 0501 Ryer Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Miner Slough	Left	7.82	11/25/2013 11/25/2013	Herman Phillips

LMIR No.	Levee Mile		Category	Item	* Location	+ Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	

125	7.70	7.70	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:18186 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: riprap on waterward side, cut open levee on LS slope 8 foot wide, abandoned old pump on waterward side FIELD_STRUCT_DESC: 8-inch steel pipe through the levee, 2.7 feet below the crown. Pump in pump house at landward toe. (USACE-1959). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (HLM 8.20). FS Date: 6/7/2013	38.286384 °	38.286384 °	118	
								-121.608184 °	-121.608184 °		
								DWR ID: DWR_RD0501_03_f_2013_118			

126	7.71	7.71	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:19673 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Abandoned section of pipe located on waterward berm. Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the waterward slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances. FIELD_STRUCT_DESC: 8-inch steel pipe through the levee, 2.7 feet below the crown. Pump in pump house at landward toe. (USACE-1959). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (HLM 8.20). FS Date: 6/13/2013	38.286134 °	38.286134 °	119	
								-121.607920 °	-121.607920 °		
								DWR ID: DWR_RD0501_03_f_2013_119			

127	7.71	7.71	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:19035 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Abandoned section of pipe on waterward berm. Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the waterward slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances. FIELD_STRUCT_DESC: 8-inch steel pipe through the levee, 2.7 feet below the crown. Pump in pump house at landward toe. (USACE-1959). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (HLM 8.20). FS Date: 6/13/2013	38.286134 °	38.286134 °	120	
								-121.607920 °	-121.607920 °		
								DWR ID: DWR_RD0501_03_f_2013_120			

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

**Levee Inspection Report By Mile - Fall 2013**

**Reclamation District No. 0501 Ryer Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Miner Slough	Left	7.82	11/25/2013 11/25/2013	Herman Phillips

LMR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	

128	7.71	7.71	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:19038 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Abandoned section of pipe located on waterward berm. Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the waterward slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances. FIELD_STRUCT_DESC: 8-inch steel pipe through the levee, 2.7 feet below the crown. Pump in pump house at landward toe. (USACE-1959). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (HLM 8.20). FS Date: 6/13/2013	38.286134 °	38.286134 °	121
								-121.607920 °	-121.607920 °	

DWR ID: DWR\_RD0501\_03\_f\_2013\_121

129	7.72	7.72	Supplemental	DWR UCIP Field Study	LS	U En	Inspector Comments: FS_ID:19033 EP_NO: 11812 Repair Type: Urgent Crossing Status: Found UCIP Comments: Cut open levee on LS slope 8 foot wide-- Repair work needed. Abandoned pump on waterward berm. Dense vegetation--Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances on waterward side. FIELD_STRUCT_DESC: 12-inch steel pipe and 1.25-inch electrical conduit through the levee, both 3.0 feet below the crown. Cutoff wall around pipe and conduit at center of levee. Siphon breaker on apex of pipe at landward shoulder. Slant pump on waterward slope. Discharge structure at landward toe. Rock revetment on waterward slope. (Permit No. 11812-1976) FS Date: 6/7/2013	38.286153 °	38.286153 °	122
								-121.607959 °	-121.607959 °	

DWR ID: DWR\_RD0501\_03\_f\_2013\_122

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

**Levee Inspection Report By Mile - Fall 2013**

**Reclamation District No. 0501 Ryer Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Miner Slough	Left	7.82	11/25/2013 11/25/2013	Herman Phillips

LMR No.	Levee Mile		Category	Item	* Location	+ Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	

130	7.72	7.72	Supplemental	DWR UCIP Field Study	LS	U En	Inspector Comments: FS_ID:19623 EP_NO: 11812 Repair Type: Urgent Crossing Status: Found UCIP Comments: Cut open levee on LS slope 8 foot wide-- repair work needed. Abandoned pump on waterward berm. Dense vegetation--Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances on waterward side. FIELD_STRUCT_DESC: 12-inch steel pipe and 1.25-inch electrical conduit through the levee, both 3.0 feet below the crown. Cutoff wall around pipe and conduit at center of levee. Siphon breaker on apex of pipe at landward shoulder. Slant pump on waterward slope. Discharge structure at landward toe. Rock revetment on waterward slope. (Permit No. 11812-1976) FS Date: 6/7/2013	38.286153 ° -121.607959 °	38.286153 ° -121.607959 °	123
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DWR ID: DWR\_RD0501\_03\_f\_2013\_123

131	7.72	7.72	Supplemental	DWR UCIP Field Study	LS	U En	Inspector Comments: FS_ID:19604 EP_NO: 11812 Repair Type: Urgent Crossing Status: Found UCIP Comments: Cut open levee on LS slope 8 foot wide-- Repair work needed. Abandoned pump on waterward berm. Dense vegetation--Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances on waterward side. FIELD_STRUCT_DESC: 12-inch steel pipe and 1.25-inch electrical conduit through the levee, both 3.0 feet below the crown. Cutoff wall around pipe and conduit at center of levee. Siphon breaker on apex of pipe at landward shoulder. Slant pump on waterward slope. Discharge structure at landward toe. Rock revetment on waterward slope. (Permit No. 11812-1976) FS Date: 6/7/2013	38.286153 ° -121.607959 °	38.286153 ° -121.607959 °	124
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DWR ID: DWR\_RD0501\_03\_f\_2013\_124

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

**Levee Inspection Report By Mile - Fall 2013**

**Reclamation District No. 0501 Ryer Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Miner Slough	Left	7.82	11/25/2013 11/25/2013	Herman Phillips

Levee Mile Report Line	1
Start Levee Mile	0.00
End Levee Mile	0.00
Location	Land Side
Category	Earthen Levee
Item	Vegetation
Unit 3 RD 501 looking downstream landside from levee mile 0.00. Photo taken 11-25-2013.	
phillips_f_20131203_766.JPG	



Levee Mile Report Line	4
Start Levee Mile	0.50
End Levee Mile	0.61
Location	Water Side
Category	Earthen Levee
Item	Vegetation
Looking downstream from levee mile 0.50 waterside woody growth blocks visibility of levee slope and toe. Photo taken 11-25-2013.	
phillips_f_20131203_767.JPG	



Levee Mile Report Line	11
Start Levee Mile	0.65
End Levee Mile	0.65
Location	Water Side
Category	Supplemental
Item	DWR UCIP Field Study
View of landward side--exposed pipe section, pipe support system, power pole, and stand pipe.	
UCIP_10847.jpg	



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

**Levee Inspection Report By Mile - Fall 2013**

**Reclamation District No. 0501 Ryer Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Miner Slough	Left	7.82	11/25/2013 11/25/2013	Herman Phillips

Levee Mile Report Line	13
Start Levee Mile	1.38
End Levee Mile	1.38
Location	Water Side
Category	Supplemental
Item	DWR UCIP Field Study
Overview of waterward side. Platform visible on waterward side.	
UCIP_10862.jpg	



Levee Mile Report Line	22
Start Levee Mile	1.93
End Levee Mile	1.93
Location	Water Side
Category	Supplemental
Item	DWR UCIP Field Study
Overview of landward side. Pipe is visible however dense vegetation limits proper inspection.	
UCIP_10246.jpg	



Levee Mile Report Line	30
Start Levee Mile	2.57
End Levee Mile	2.57
Location	Water Side
Category	Supplemental
Item	DWR UCIP Field Study
Overview of landward side. Pump stations, pipe section, positive closure device at landward toe.	
UCIP_10256.jpg	



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

**Levee Inspection Report By Mile - Fall 2013**

**Reclamation District No. 0501 Ryer Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Miner Slough	Left	7.82	11/25/2013 11/25/2013	Herman Phillips

Levee Mile Report Line	37
Start Levee Mile	3.58
End Levee Mile	3.58
Location	Land Side
Category	Supplemental
Item	DWR UCIP Field Study
View of waterward side. Dense vegetation throughout waterward side. Walkway visible and support piles.	
UCIP_10269.jpg	



Levee Mile Report Line	45
Start Levee Mile	3.69
End Levee Mile	3.69
Location	Land Side
Category	Supplemental
Item	DWR UCIP Field Study
View of landward side showing a small section of pipe exposed.	
UCIP_10276.jpg	



Levee Mile Report Line	47
Start Levee Mile	3.69
End Levee Mile	3.70
Location	Land Side
Category	Earthen Levee
Item	Trim / Thin Trees
Levee mile 3.69 to 3.70, this issue still remains no new photo was taken. 11-25-2013.	
phillips_f_20130925_892.jpg	



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

**Levee Inspection Report By Mile - Fall 2013**

**Reclamation District No. 0501 Ryer Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Miner Slough	Left	7.82	11/25/2013 11/25/2013	Herman Phillips

Levee Mile Report Line	52
Start Levee Mile	3.72
End Levee Mile	3.72
Location	Land Side
Category	Supplemental
Item	DWR UCIP Field Study
Concrete box structure located on waterward side near crown hinge point.	
UCIP_10284.jpg	



Levee Mile Report Line	55
Start Levee Mile	3.73
End Levee Mile	3.73
Location	Land Side
Category	Supplemental
Item	DWR UCIP Field Study
Unable to find evidence of concrete tunnel. Found pipe going through levee.	
UCIP_10288.jpg	



Levee Mile Report Line	63
Start Levee Mile	3.77
End Levee Mile	3.77
Location	Land Side
Category	Supplemental
Item	DWR UCIP Field Study
Pipe section is buried near levee toe.	
UCIP_10901.jpg	



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

**Levee Inspection Report By Mile - Fall 2013**

**Reclamation District No. 0501 Ryer Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Miner Slough	Left	7.82	11/25/2013 11/25/2013	Herman Phillips

Levee Mile Report Line	65
Start Levee Mile	3.79
End Levee Mile	4.57
Location	Land Side
Category	Earthen Levee
Item	Vegetation
Tall weed growth on lower section of slope and toe of levee. Photo taken 11-25-2013.	
phillips_f_20131203_768.JPG	



Levee Mile Report Line	71
Start Levee Mile	4.39
End Levee Mile	4.39
Location	Land Side
Category	Supplemental
Item	DWR UCIP Field Study
Pump system and gate located on landward slope--midway.	
UCIP_10315.jpg	



Levee Mile Report Line	76
Start Levee Mile	4.84
End Levee Mile	4.84
Location	Land Side
Category	Supplemental
Item	DWR UCIP Field Study
View of landward side. Power source and control box on landward side.	
UCIP_10907.jpg	



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

**Levee Inspection Report By Mile - Fall 2013**

**Reclamation District No. 0501 Ryer Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Miner Slough	Left	7.82	11/25/2013 11/25/2013	Herman Phillips

Levee Mile Report Line	83
Start Levee Mile	5.51
End Levee Mile	5.51
Location	Land Side
Category	Supplemental
Item	DWR UCIP Field Study
View of pipe on landward side. Dry vegetation covers landward slope.	
UCIP_10321.jpg	



Levee Mile Report Line	89
Start Levee Mile	6.50
End Levee Mile	6.50
Location	Land Side
Category	Supplemental
Item	DWR UCIP Field Study
View of landward side. Pipe goes through levee and into concrete standpipe.	
UCIP_10939.jpg	



Levee Mile Report Line	91
Start Levee Mile	6.50
End Levee Mile	6.50
Location	Land Side
Category	Supplemental
Item	DWR UCIP Field Study
View of pipe located on landward side. Dry vegetation along levee slope.	
UCIP_10331.jpg	



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

**Levee Inspection Report By Mile - Fall 2013**

**Reclamation District No. 0501 Ryer Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Miner Slough	Left	7.82	11/25/2013 11/25/2013	Herman Phillips

Levee Mile Report Line	93
Start Levee Mile	6.50
End Levee Mile	6.50
Location	Land Side
Category	Supplemental
Item	DWR UCIP Field Study

Pipe at levee toe and enters concrete box.

UCIP\_10336.jpg



Levee Mile Report Line	98
Start Levee Mile	6.51
End Levee Mile	6.51
Location	Land Side
Category	Supplemental
Item	DWR UCIP Field Study

Overview of crossing located on landward side.

UCIP\_10364.jpg



Levee Mile Report Line	110
Start Levee Mile	6.93
End Levee Mile	6.93
Location	Land Side
Category	Supplemental
Item	DWR UCIP Field Study

Dry vegetation throughout the landward slope.

UCIP\_10405.jpg



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

**Levee Inspection Report By Mile - Fall 2013**

**Reclamation District No. 0501 Ryer Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Miner Slough	Left	7.82	11/25/2013 11/25/2013	Herman Phillips

Levee Mile Report Line	113
Start Levee Mile	7.35
End Levee Mile	7.35
Location	Land Side
Category	Supplemental
Item	DWR UCIP Field Study
Pipe line connects to sytem located at the toe of the levee.	
UCIP_10424.jpg	



Levee Mile Report Line	117
Start Levee Mile	7.35
End Levee Mile	7.35
Location	Land Side
Category	Earthen Levee
Item	Encroachments
Unauthorized pipe, 11-26-2012.	
phillips_f_20130925_894.jpg	



Levee Mile Report Line	117
Start Levee Mile	7.35
End Levee Mile	7.35
Location	Land Side
Category	Earthen Levee
Item	Encroachments
This encroachment still remains unresolved, no permit for this structure. Photo taken 4-9-2013. No new photo 11-25-2013.	
phillips_f_20130925_895.JPG	



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

**Levee Inspection Report By Mile - Fall 2013**

**Reclamation District No. 0501 Ryer Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Miner Slough	Left	7.82	11/25/2013 11/25/2013	Herman Phillips

Levee Mile Report Line	123
Start Levee Mile	7.70
End Levee Mile	7.70
Location	Land Side
Category	Supplemental
Item	DWR UCIP Field Study

View of pipe exposed on landward side.

UCIP\_10432.jpg



Levee Mile Report Line	124
Start Levee Mile	7.70
End Levee Mile	7.70
Location	Land Side
Category	Supplemental
Item	DWR UCIP Field Study

Slant pump located on waterward side. An abandoned pump was left on waterward side.

UCIP\_10441.jpg



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

**Unit Cover Sheet**

**Fall 2013 Levee Inspection Results**

**Reclamation District No. 0501 Ryer Island**

Waterway		Bank	Unit Miles
Unit No. 04 Sutter Slough		Right	2.33

	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			<b>U</b>	
Date of Inspection	04/09/2013 - 04/09/2013		11/25/2013 - 11/25/2013	
DWR Inspector	Herman Phillips		Herman Phillips	
Accompanied By	Mike Magilton RD 501			

**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 2013**

**Reclamation District No. 0501 Ryer Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Sutter Slough	Right	2.33	11/25/2013 11/25/2013	Herman Phillips

LMIR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
1	0.00	0.00	Earthen Levee	Vegetation	LS	M Ma	V2 : Remove the wild growth other than native grasses from the levee slopes.	38.285591 ° -121.606317 °	38.285591 ° -121.606317 °	5 Y
DWR ID: DWR_RD0501_04_s_2012_5										
2	0.01	0.82	Earthen Levee	Vegetation	LS	M Ma	V2 : Remove the wild growth other than native grasses from the levee slopes.	38.285529 ° -121.606258 °	38.285074 ° -121.605489 °	3 Y
DWR ID: DWR_RD0501_04_f_2012_3										
3	0.02	0.02	Earthen Levee	Vegetation	WS	M Ma	V4 : Elderberries are blocking visibility and flood fight capability.	38.254025 ° -121.601752 °	38.254025 ° -121.601752 °	25 Y
DWR ID: DWR_RD0501_04_s_2012_25										
4	0.56	0.56	Supplemental	DWR UCIP Field Study	WS	M En	Inspector Comments: FS_ID:19069 EP_NO: 2446 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Cracks visible on levee crown could be associated with pipe vibration or settlement. Burrow activity on landward side. Recommend removing vegetation along pipe alignment on landward side to conduct proper inspection of structure and appurtenances. FIELD_STRUCT_DESC: 10-inch iron pipe through the levee, 3.5 feet below the crown. Cutoff wall around pipe at landward shoulder. Slant pump and pump house on waterward slope. Concrete standpipe and power pole at landward toe. Service pole on landward slope. Pipe exposed on both slopes. (Permit No. 2446-1957) Section of pipe under levee crown, between both shoulders, was removed and replaced with a 10-inch steel pipe under Permit No. 18135 (2006). Two crossings nearby 10-inch pipe and 8-inch pipe crossings are approximately 5 feet apart. FS Date: 6/7/2013	38.278848 ° -121.601216 °	38.278848 ° -121.601216 °	2 Y
DWR ID: DWR_RD0501_04_f_2013_2										
5	0.56	0.56	Supplemental	DWR UCIP Field Study	WS	M En	Inspector Comments: FS_ID:19067 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Permit documents that pipe does not appear to be properly grouted. Crossing needs to be properly abandoned--need to find owner. Also recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances. FIELD_STRUCT_DESC: Abandoned 8-inch steel pipe through the levee, 6.0 feet below the crown. Pump on waterward side. Steel plate welded on waterward end. (USACE-1959). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (HLM 0.60). Pipe was abandoned under Permit No. 2446 (1957). 10-inch steel pipe is located approximately 5 feet downstream. FS Date: 6/13/2013	38.278831 ° -121.601213 °	38.278831 ° -121.601213 °	6 Y
DWR ID: DWR_RD0501_04_f_2013_6										

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

**Levee Inspection Report By Mile - Fall 2013**

**Reclamation District No. 0501 Ryer Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Sutter Slough	Right	2.33	11/25/2013 11/25/2013	Herman Phillips

LMIR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
9	0.56	0.56	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:18356 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 10 inch pipe is first than 8 inch abandoned pipe (5 feet apart from each other); hole where power pole is on LS. FIELD_STRUCT_DESC: Abandoned 8-inch steel pipe through the levee, 6.0 feet below the crown. Pump on waterward side. Steel plate welded on waterward end. (USACE-1959). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (HLM 0.60). Pipe was abandoned under Permit No. 2446 (1957). FS Date: 6/7/2013	38.278863 ° -121.601057 °	38.278863 ° -121.601057 °	16
DWR ID: DWR_RD0501_04_f_2013_16										
10	0.56	0.56	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:18365 EP_NO: 2446 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: waterside section caped; pumphouse abandoned. FIELD_STRUCT_DESC: 10-inch iron pipe through the levee, 3.5 feet below the crown. Cutoff wall around pipe at landward shoulder. Slant pump and pump house on waterward slope. Concrete standpipe and power pole at landward toe. Service pole on landward slope. Pipe exposed on both slopes. (Permit No. 2446-1957) Section of pipe under levee crown, between both shoulders, was removed and replaced with a 10-inch steel pipe under Permit No. 18135 (2006). FS Date: 6/7/2013	38.278863 ° -121.601057 °	38.278863 ° -121.601057 °	17
DWR ID: DWR_RD0501_04_f_2013_17										
11	0.78	0.78	Earthen Levee	Trim / Thin Trees	LS	M Ma	T2 : Thin trees to allow visibility of the ground and room to flood fight.	38.275833 ° -121.602107 °	38.275833 ° -121.602107 °	64
DWR ID: DWR_RD0501_04_f_2013_64										
12	0.79	0.79	Earthen Levee	Trim / Thin Trees	LS	M Ma	T1 : Trim trees to at least five feet above ground level.	38.275540 ° -121.602223 °	38.275473 ° -121.602248 °	4
DWR ID: DWR_RD0501_04_s_2012_4										
13	0.82	0.85	Earthen Levee	Vegetation	LS	U Ma	V7 : Trees / Woody Vegetation	38.275228 ° -121.602333 °	38.274872 ° -121.602546 °	65 Y
DWR ID: DWR_RD0501_04_f_2013_65										
14	0.86	0.86	Earthen Levee	Trim / Thin Trees	LS	M Ma	T2 : Thin trees to allow visibility of the ground and room to flood fight.	38.274747 ° -121.602629 °	38.274718 ° -121.602639 °	10
DWR ID: DWR_RD0501_04_f_2012_10										
15	1.01	1.01	Earthen Levee	Trim / Thin Trees	LS	M Ma	T1 : Trim trees to at least five feet above ground level.	38.272733 ° -121.603940 °	38.272700 ° -121.603953 °	7
DWR ID: DWR_RD0501_04_s_2012_7										

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

**Levee Inspection Report By Mile - Fall 2013**

**Reclamation District No. 0501 Ryer Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Sutter Slough	Right	2.33	11/25/2013 11/25/2013	Herman Phillips

LMR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	

16	1.06	1.06	Supplemental	DWR UCIP Field Study	LS	U En	Inspector Comments: FS_ID:19085 EP_NO: N/A Repair Type: Urgent Crossing Status: Found UCIP Comments: Pipe has deteriorated. Owner needs to be abandon properly. Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the waterward slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtances. FIELD_STRUCT_DESC: Abandoned 8-inch steel pipe through the levee, 2.7 feet below the crown. Pump on waterward side. Steel plate welded on waterward end. (USACE-1959). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (HLM 1.10). FS Date: 6/13/2013	38.272053 °	38.272053 °	20
								-121.604176 °	-121.604176 °	
DWR ID: DWR_RD0501_04_f_2013_20										

17	1.06	1.06	Supplemental	DWR UCIP Field Study	LS	U En	Inspector Comments: FS_ID:19071 EP_NO: N/A Repair Type: Urgent Crossing Status: Found UCIP Comments: vegetation on both side; pipe has deteriorated. FIELD_STRUCT_DESC: Abandoned 8-inch steel pipe through the levee, 2.7 feet below the crown. Pump on waterward side. Steel plate welded on waterward end. (USACE-1959). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (HLM 1.10). FS Date: 6/13/2013	38.272110 °	38.272110 °	21
								-121.604154 °	-121.604154 °	
DWR ID: DWR_RD0501_04_f_2013_21										

18	1.06	1.06	Supplemental	DWR UCIP Field Study	LS	U En	Inspector Comments: FS_ID:18191 EP_NO: N/A Repair Type: Urgent Crossing Status: Found UCIP Comments: vegetation on both side; pipe has deteriorated. FIELD_STRUCT_DESC: Abandoned 8-inch steel pipe through the levee, 2.7 feet below the crown. Pump on waterward side. Steel plate welded on waterward end. (USACE-1959). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (HLM 1.10). FS Date: 6/7/2013	38.272110 °	38.272110 °	22
								-121.604154 °	-121.604154 °	Y
DWR ID: DWR_RD0501_04_f_2013_22										

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

**Levee Inspection Report By Mile - Fall 2013**

**Reclamation District No. 0501 Ryer Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Sutter Slough	Right	2.33	11/25/2013 11/25/2013	Herman Phillips

LMR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	

19	1.06	1.06	Supplemental	DWR UCIP Field Study	LS	U En	Inspector Comments: FS_ID:18374 EP_NO: N/A Repair Type: Urgent Crossing Status: Found UCIP Comments: vegetation on both side; pipe has deteriorated. FIELD_STRUCT_DESC: Abandoned 8-inch steel pipe through the levee, 2.7 feet below the crown. Pump on waterward side. Steel plate welded on waterward end. (USACE-1959). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (HLM 1.10). FS Date: 6/7/2013	38.272110 °	38.272110 °	23	
								-121.604154 °	-121.604154 °		
								DWR ID: DWR_RD0501_04_f_2013_23			

20	1.06	1.06	Supplemental	DWR UCIP Field Study	LS	U En	Inspector Comments: FS_ID:19605 EP_NO: N/A Repair Type: Urgent Crossing Status: Found UCIP Comments: Pipe has deteriorated. Owner needs to be abandon properly. Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the waterward slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtances. FIELD_STRUCT_DESC: Abandoned 8-inch steel pipe through the levee, 2.7 feet below the crown. Pump on waterward side. Steel plate welded on waterward end. (USACE-1959). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (HLM 1.10). FS Date: 6/13/2013	38.272053 °	38.272053 °	24	
								-121.604176 °	-121.604176 °		
								DWR ID: DWR_RD0501_04_f_2013_24			

21	1.06	1.06	Supplemental	DWR UCIP Field Study	LS	U En	Inspector Comments: FS_ID:19624 EP_NO: N/A Repair Type: Urgent Crossing Status: Found UCIP Comments: Pipe has deteriorated-holes present on landward side. Owner needs to be abandon properly. Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the waterward slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtances. FIELD_STRUCT_DESC: Abandoned 8-inch steel pipe through the levee, 2.7 feet below the crown. Pump on waterward side. Steel plate welded on waterward end. (USACE-1959). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (HLM 1.10). FS Date: 6/13/2013	38.272053 °	38.272053 °	27	
								-121.604176 °	-121.604176 °		
								DWR ID: DWR_RD0501_04_f_2013_27			

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

**Levee Inspection Report By Mile - Fall 2013**

**Reclamation District No. 0501 Ryer Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Sutter Slough	Right	2.33	11/25/2013 11/25/2013	Herman Phillips

LMR No.	Levee Mile		Category	Item	* Location	+ Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
22	1.10	1.10	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:18376 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: unable to determine if the pipe goes through the levee; look at the As-Built drawings FIELD_STRUCT_DESC: 1.5-inch conduit through the levee, 2.0 feet below the crown. Pole and anchor on landward slope. FS Date: 6/7/2013	38.271553 ° -121.604333 °	38.271553 ° -121.604333 °	28
								DWR ID: DWR_RD0501_04_f_2013_28		
23	1.10	1.10	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:19072 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: unable to determine if the pipe goes through the levee; look at the As-Built drawings FIELD_STRUCT_DESC: 1.5-inch conduit through the levee, 2.0 feet below the crown. Pole and anchor on landward slope. FS Date: 6/13/2013	38.271553 ° -121.604333 °	38.271553 ° -121.604333 °	29
								DWR ID: DWR_RD0501_04_f_2013_29		
24	1.10	1.10	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:18192 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: unable to determine if the pipe goes through the levee; look at the As-Built drawings FIELD_STRUCT_DESC: 1.5-inch conduit through the levee, 2.0 feet below the crown. Pole and anchor on landward slope. FS Date: 6/7/2013	38.271553 ° -121.604333 °	38.271553 ° -121.604333 °	30 Y
								DWR ID: DWR_RD0501_04_f_2013_30		
25	1.11	1.11	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:19088 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Unable to determine if the pipe goes through the levee; is this an authorize encroachment--need As-Built drawings; Need owner information. FIELD_STRUCT_DESC: 1.5-inch conduit through the levee, 2.0 feet below the crown. Pole and anchor on landward slope. FS Date: 6/13/2013	38.271400 ° -121.604368 °	38.271400 ° -121.604368 °	31
								DWR ID: DWR_RD0501_04_f_2013_31		

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

**Levee Inspection Report By Mile - Fall 2013**

**Reclamation District No. 0501 Ryer Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Sutter Slough	Right	2.33	11/25/2013 11/25/2013	Herman Phillips

LMR No.	Levee Mile		Category	Item	* Location	+ Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	

26	1.11	1.11	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:19675 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Unable to determine if the pipe goes through the levee; is this an authorized encroachment?-- need As-Built drawings; Need owner information. FIELD_STRUCT_DESC: 1.5-inch conduit through the levee, 2.0 feet below the crown. Pole and anchor on landward slope. FS Date: 6/13/2013	38.271400 °	38.271400 °	32
								-121.604368 °	-121.604368 °	

DWR ID: DWR\_RD0501\_04\_f\_2013\_32

27	1.20	1.20	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:19108 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Abandoned pipe visible on waterward side--could be the pipe that was suppose to be removed under permit number 13983 (1985). Also present is an abandoned 1.5 inch conduit along the 8 inch pipe. Need to coordinate with owner. FIELD_STRUCT_DESC: 8-inch steel pipe through the levee, 6.4 feet below the crown. Pump on pile structure in stream. Service pole on landward slope. (USACE-1959). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (HLM 1.30). Pipe should have been removed and replaced with 12-inch pipe under Permit No. 13983 (1985). FS Date: 6/13/2013	38.270171 °	38.270171 °	33
								-121.604403 °	-121.604403 °	Y

DWR ID: DWR\_RD0501\_04\_f\_2013\_33

28	1.20	1.20	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:18378 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 1.5 inch conduit along the 8 inch pipe (abandoned 1.5 inch); another 2 inch conduit below 8 inch for electricity. FIELD_STRUCT_DESC: 8-inch steel pipe through the levee, 6.4 feet below the crown. Pump on pile structure in stream. Service pole on landward slope. (USACE-1959). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (HLM 1.30). Pipe was removed and replaced with 12-inch pipe under Permit No. 13983 (1985). FS Date: 6/7/2013	38.270169 °	38.270169 °	34
								-121.604262 °	-121.604262 °	

DWR ID: DWR\_RD0501\_04\_f\_2013\_34

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

**Levee Inspection Report By Mile - Fall 2013**

**Reclamation District No. 0501 Ryer Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Sutter Slough	Right	2.33	11/25/2013 11/25/2013	Herman Phillips

LMR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	

29	1.20	1.20	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:19676 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Abandoned pipe visible on waterward side--could be the pipe that was supposed to be removed under permit number 13983 (1985). Also present is an abandoned 1.5 inch conduit along the 8 inch pipe. Need to coordinate with owner. FIELD_STRUCT_DESC: 8-inch steel pipe through the levee, 6.4 feet below the crown. Pump on pile structure in stream. Service pole on landward slope. (USACE-1959). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (HLM 1.30). Pipe should have been removed and replaced with 12-inch pipe under Permit No. 13983 (1985). FS Date: 6/13/2013	38.270171 ° -121.604403 °	38.270171 ° -121.604403 °	35
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DWR ID: DWR\_RD0501\_04\_f\_2013\_35

30	1.20	1.20	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:19075 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 1.5 inch conduit along the 8 inch pipe (abandoned 1.5 inch); another 2 inch conduit below 8 inch for electricity. FIELD_STRUCT_DESC: 8-inch steel pipe through the levee, 6.4 feet below the crown. Pump on pile structure in stream. Service pole on landward slope. (USACE-1959). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (HLM 1.30). Pipe was removed and replaced with 12-inch pipe under Permit No. 13983 (1985). FS Date: 6/13/2013	38.270169 ° -121.604262 °	38.270169 ° -121.604262 °	36
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DWR ID: DWR\_RD0501\_04\_f\_2013\_36

31	1.20	1.20	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:18193 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 1.5 inch conduit along the 8 inch pipe (abandoned 1.5 inch); another 2 inch conduit below 8 inch for electricity. FIELD_STRUCT_DESC: 8-inch steel pipe through the levee, 6.4 feet below the crown. Pump on pile structure in stream. Service pole on landward slope. (USACE-1959). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (HLM 1.30). Pipe was removed and replaced with 12-inch pipe under Permit No. 13983 (1985). FS Date: 6/7/2013	38.270169 ° -121.604262 °	38.270169 ° -121.604262 °	37
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DWR ID: DWR\_RD0501\_04\_f\_2013\_37

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

**Levee Inspection Report By Mile - Fall 2013**

**Reclamation District No. 0501 Ryer Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Sutter Slough	Right	2.33	11/25/2013 11/25/2013	Herman Phillips

LMR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
32	1.20	1.20	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:19106 EP_NO: 13983 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Abandoned pipe was to be removed during the installation of new 12-inch pipe crossing. Need to contact with pipe owner. FIELD_STRUCT_DESC: 12-inch steel pipe through the levee, 5.0 feet below the crown. Cutoff wall around pipe at center of levee. Siphon breaker on apex of pipe at landward shoulder. Pump on pile structure in stream. Service pole on landward slope. Pipe connects to 10-inch steel pipe along the landward slope at the shoulder, and similarly to pre-existing 8-inch pipe on the watereward side. (Permit No. 13983-1985) FS Date: 6/13/2013	38.270156 ° -121.604403 °	38.270156 ° -121.604403 °	38
DWR ID: DWR_RD0501_04_f_2013_38										
33	1.20	1.20	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:19109 EP_NO: 13983 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Abandoned pipe was to be removed during the installation of new 12-inch pipe crossing. Need to contact with pipe owner. SEE CROSSING immediately downstream at levee mile 1.197. FIELD_STRUCT_DESC: 12-inch steel pipe through the levee, 5.0 feet below the crown. Cutoff wall around pipe at center of levee. Siphon breaker on apex of pipe at landward shoulder. Pump on pile structure in stream. Service pole on landward slope. Pipe connects to 10-inch steel pipe along the landward slope at the shoulder, and similarly to pre-existing 8-inch pipe on the watereward side. (Permit No. 13983-1985) FS Date: 6/13/2013	38.270156 ° -121.604403 °	38.270156 ° -121.604403 °	39
DWR ID: DWR_RD0501_04_f_2013_39										
34	1.21	1.34	Earthen Levee	Vegetation	WS	M Ma	V2 : Remove the wild growth other than native grasses from the levee slopes. Inspector Comments: District needs to remove the wild berries from the levee section.	38.263086 ° 121.601883 °	38.268178 ° 121.603763 °	1
DWR ID: DWR_RD0501_04_s_2012_1										
35	1.50	1.56	Earthen Levee	Trim / Thin Trees	LS	M Ma	T1 : Trim trees to at least five feet above ground level.	38.265997 ° -121.602758 °	38.265233 ° -121.602510 °	26
DWR ID: DWR_RD0501_04_s_2012_26										

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

**Levee Inspection Report By Mile - Fall 2013**

**Reclamation District No. 0501 Ryer Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Sutter Slough	Right	2.33	11/25/2013 11/25/2013	Herman Phillips

LMR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	

36	1.77	1.77	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:19077 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Not Found UCIP Comments: FIELD_STRUCT_DESC: 10-inch steel pipe through the levee, 2.3 feet below the crown. Pump on pile structure in stream. (USACE-1959). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (HLM 1.90). FS Date: 6/13/2013	38.262235 ° -121.601705 °	38.262235 ° -121.601705 °	40
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DWR ID: DWR\_RD0501\_04\_f\_2013\_40

37	1.77	1.77	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:19078 EP_NO: 16906 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: flowing; 3 inch conduit disconnected; 1.5 inch conduit for electricity; dense vegetation on the LS.This is for FIELD_STRUCT_DESC: 14-inch steel pipe through the levee, 21.2 feet below the crown. Pump on pile structure in stream. Concrete standpipe on landward side. Pipe is exposed on landward slope. (Permit No. 16906-1999) FS Date: 6/13/2013	38.262235 ° -121.601705 °	38.262235 ° -121.601705 °	41
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DWR ID: DWR\_RD0501\_04\_f\_2013\_41

38	1.77	1.77	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:18195 EP_NO: 16906 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: flowing; 3 inch conduit disconnected; 1.5 inch conduit for electricity; dense vegetation on the LS.This is for FIELD_STRUCT_DESC: 14-inch steel pipe through the levee, 21.2 feet below the crown. Pump on pile structure in stream. Concrete standpipe on landward side. Pipe is exposed on landward slope. (Permit No. 16906-1999) FS Date: 6/7/2013	38.262235 ° -121.601705 °	38.262235 ° -121.601705 °	42
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DWR ID: DWR\_RD0501\_04\_f\_2013\_42

39	1.77	1.77	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:18194 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Not Found UCIP Comments: FIELD_STRUCT_DESC: 10-inch steel pipe through the levee, 2.3 feet below the crown. Pump on pile structure in stream. (USACE-1959). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (HLM 1.90). FS Date: 6/7/2013	38.262235 ° -121.601705 °	38.262235 ° -121.601705 °	43
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DWR ID: DWR\_RD0501\_04\_f\_2013\_43

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

**Levee Inspection Report By Mile - Fall 2013**

**Reclamation District No. 0501 Ryer Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Sutter Slough	Right	2.33	11/25/2013 11/25/2013	Herman Phillips

LMR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	

40	1.77	1.77	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:19677 EP_NO: 16906 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Crossing was running during site inspection. Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the landward slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances. FIELD_STRUCT_DESC: 14-inch steel pipe through the levee, 21.2 feet below the crown. Pump on pile structure in stream. Concrete standpipe on landward side. Pipe is exposed on landward slope. (Permit No. 16906-1999) Two conduits present 3 inch conduit disconnected and 1.5 inch electrical conduit appears to be active. FS Date: 6/13/2013	38.262235 °	38.262235 °	44
								-121.601705 °	-121.601705 °	
										DWR ID: DWR_RD0501_04_f_2013_44

41	1.77	1.77	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:18381 EP_NO: 16906 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: flowing; 3 inch conduit disconnected; 1.5 inch conduit for electricity; dense vegetation on the LS.This is for FIELD_STRUCT_DESC: 14-inch steel pipe through the levee, 21.2 feet below the crown. Pump on pile structure in stream. Concrete standpipe on landward side. Pipe is exposed on landward slope. (Permit No. 16906-1999) FS Date: 6/7/2013	38.262235 °	38.262235 °	45
								-121.601705 °	-121.601705 °	
										DWR ID: DWR_RD0501_04_f_2013_45

42	1.77	1.77	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:19111 EP_NO: 16906 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Crossing was running during site inspection. Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the landward slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtances. FIELD_STRUCT_DESC: 14-inch steel pipe through the levee, 21.2 feet below the crown. Pump on pile structure in stream. Concrete standpipe on landward side. Pipe is exposed on landward slope. (Permit No. 16906-1999) Two conduits present 3 inch conduit disconnected and 1.5 inch electrical conduit appears to be active. FS Date: 6/13/2013	38.262235 °	38.262235 °	46
								-121.601705 °	-121.601705 °	Y
										DWR ID: DWR_RD0501_04_f_2013_46

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

**Levee Inspection Report By Mile - Fall 2013**

**Reclamation District No. 0501 Ryer Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Sutter Slough	Right	2.33	11/25/2013 11/25/2013	Herman Phillips

LMIR No.	Levee Mile		Category	Item	* Location	** Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
43	1.84	1.87	Earthen Levee	Trim / Thin Trees	LS	U Ma	T2 : Thin trees to allow visibility of the ground and room to flood fight. Inspector Comments: The district needs to remove the fig trees from levee section or thin them out in order for inspection of levee section. The young oak trees shown in the photo should be removed before they mature into large trees.	38.261142 ° -121.601542 °	38.260653 ° -121.601435 °	14 Y
DWR ID: DWR_RD0501_04_f_2013_14										
44	1.84	1.85	Earthen Levee	Vegetation	LS	M En	V6 : Landscaping	38.261283 ° -121.601488 °	38.261032 ° -121.601635 °	8
DWR ID: DWR_RD0501_04_s_2012_8										
45	1.85	2.14	Earthen Levee	Vegetation	LS	M Ma	V1 : Control annual grass and weeds on the levee slopes and easements.	38.261029 ° -121.601541 °	° °	66
DWR ID: DWR_RD0501_04_f_2013_66										
46	1.90	1.90	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:19114 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Unable to verify if comment from historical levee log (1980) indicating pipe was leaking is true. Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the waterward and landward slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances. FIELD_STRUCT_DESC: 14-inch steel pipe through the levee, 8.0 feet below the crown. 2 inch conduit goes through levee. Siphon breaker on landward slope. Pump on pile structure in stream. (USACE-1959). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (HLM 2.0). FS Date: 6/13/2013	38.260407 ° -121.601365 °	38.260407 ° -121.601365 °	47
DWR ID: DWR_RD0501_04_f_2013_47										
47	1.90	1.90	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:18387 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 2 inch conduit; limited visibility on LS but does not limit inspection because line is buried FIELD_STRUCT_DESC: 14-inch steel pipe through the levee, 8.0 feet below the crown. Siphon breaker on landward slope. Pump on pile structure in stream. (USACE-1959). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (HLM 2.0). FS Date: 6/7/2013	38.260433 ° -121.601221 °	38.260433 ° -121.601221 °	48
DWR ID: DWR_RD0501_04_f_2013_48										

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

**Levee Inspection Report By Mile - Fall 2013**

**Reclamation District No. 0501 Ryer Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Sutter Slough	Right	2.33	11/25/2013 11/25/2013	Herman Phillips

LMR No.	Levee Mile		Category	Item	* Location	+ Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	

48	1.90	1.90	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:19079 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 2 inch conduit; limited visibility on LS but does not limit inspection because line is buried FIELD_STRUCT_DESC: 14-inch steel pipe through the levee, 8.0 feet below the crown. Siphon breaker on landward slope. Pump on pile structure in stream. (USACE-1959). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (HLM 2.0). FS Date: 6/13/2013	38.260433 ° -121.601221 °	38.260433 ° -121.601221 °	49
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DWR ID: DWR\_RD0501\_04\_f\_2013\_49

49	1.90	1.90	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:18196 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 2 inch conduit; limited visibility on LS but does not limit inspection because line is buried FIELD_STRUCT_DESC: 14-inch steel pipe through the levee, 8.0 feet below the crown. Siphon breaker on landward slope. Pump on pile structure in stream. (USACE-1959). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (HLM 2.0). FS Date: 6/7/2013	38.260433 ° -121.601221 °	38.260433 ° -121.601221 °	50 Y
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DWR ID: DWR\_RD0501\_04\_f\_2013\_50

50	1.90	1.90	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:19678 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Unable to verify if comment from historical levee log (1980) indicating pipe was leaking is true. Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the waterward and landward slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances. FIELD_STRUCT_DESC: 14-inch steel pipe through the levee, 8.0 feet below the crown. 2 inch conduit goes through levee. Siphon breaker on landward slope. Pump on pile structure in stream. (USACE-1959). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (HLM 2.0). FS Date: 6/13/2013	38.260407 ° -121.601365 °	38.260407 ° -121.601365 °	51
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DWR ID: DWR\_RD0501\_04\_f\_2013\_51

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

**Levee Inspection Report By Mile - Fall 2013**

**Reclamation District No. 0501 Ryer Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Sutter Slough	Right	2.33	11/25/2013 11/25/2013	Herman Phillips

LMR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
51	1.90	1.90	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:19115 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Unable to verify if comment from historical levee log (1980) indicating pipe was leaking is true. Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the waterward and landward slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances. FIELD_STRUCT_DESC: 14-inch steel pipe through the levee, 8.0 feet below the crown. 2 inch conduit goes through levee. Siphon breaker on landward slope. Pump on pile structure in stream. (USACE-1959). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (HLM 2.0). FS Date: 6/13/2013	38.260407 ° -121.601365 °	38.260407 ° -121.601365 °	52
								DWR ID: DWR_RD0501_04_f_2013_52		
52	2.07	2.07	Earthen Levee	Slope Stability	LS	M Ma	S1 : Repair slope instability.	38.257982 ° -121.600807 °	38.257982 ° -121.600807 °	18
								DWR ID: DWR_RD0501_04_f_2012_18		
53	2.07	2.07	Earthen Levee	Animal Control	LS	M Ma	A1 : Exterminate rodents and backfill and compact or grout burrows.	38.257982 ° -121.600806 °	38.257982 ° -121.600806 °	19
								DWR ID: DWR_RD0501_04_f_2012_19		
54	2.18	2.18	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:19082 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 1.5 inch conduit; one 6 inch abandoned-open cut LS. unable to inspect WS. one 6 inch working. Both 6 inch pipes are within 5 feet; broken concrete box on LS slope. FIELD_STRUCT_DESC: Abandoned 6-inch and 8-inch steel pipes through the levee, 2.5 and 5.0 feet below the crown, respectively. Pump in pump house on waterward slope. (USACE-1959). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (HLM 2.30). FS Date: 6/13/2013	38.256419 ° -121.600880 °	38.256419 ° -121.600880 °	53
								DWR ID: DWR_RD0501_04_f_2013_53		

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

**Levee Inspection Report By Mile - Fall 2013**

**Reclamation District No. 0501 Ryer Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Sutter Slough	Right	2.33	11/25/2013 11/25/2013	Herman Phillips

LMR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	

55	2.18	2.18	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:18197 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 1.5 inch conduit; one 6 inch abandoned-open cut LS. unable to inspect WS.one 6 inch working. Both 6 inch pipes are within 5 feet; broken concrete box on LS slope. FIELD_STRUCT_DESC: Abandoned 6-inch and 8-inch steel pipes through the levee, 2.5 and 5.0 feet below the crown, respectively. Pump in pump house on waterward slope. (USACE-1959). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (HLM 2.30). FS Date: 6/7/2013	38.256419 °	38.256419 °	54
								-121.600880 °	-121.600880 °	

DWR ID: DWR\_RD0501\_04\_f\_2013\_54

56	2.18	2.18	Supplemental	DWR UCIP Field Study	LS	U En	Inspector Comments: FS_ID:19119 EP_NO: N/A Repair Type: Urgent Crossing Status: Found UCIP Comments: Broken concrete box on landward slope. Disturbed soil on waterward slope--unable to determine section disturbed. Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the waterwar slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtances. FIELD_STRUCT_DESC: Abandoned 6-inch and working 6-inch steel pipes through the levee, 2.5 and 5.0 feet below the crown, respectively. 1.5 inch electrical conduit through levee. Pump in pump house on waterward slope. (USACE-1959). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (HLM 2.30). Pipes are within 5 feet. FS Date: 6/13/2013	38.256419 °	38.256419 °	55
								-121.600880 °	-121.600880 °	

DWR ID: DWR\_RD0501\_04\_f\_2013\_55

57	2.18	2.18	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:18388 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 1.5 inch conduit; one 6 inch abandoned-open cut LS. unable to inspect WS.one 6 inch working. Both 6 inch pipes are within 5 feet; broken concrete box on LS slope. FIELD_STRUCT_DESC: Abandoned 6-inch and 8-inch steel pipes through the levee, 2.5 and 5.0 feet below the crown, respectively. Pump in pump house on waterward slope. (USACE-1959). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (HLM 2.30). FS Date: 6/7/2013	38.256419 °	38.256419 °	56
								-121.600880 °	-121.600880 °	Y

DWR ID: DWR\_RD0501\_04\_f\_2013\_56

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

**Levee Inspection Report By Mile - Fall 2013**

**Reclamation District No. 0501 Ryer Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Sutter Slough	Right	2.33	11/25/2013 11/25/2013	Herman Phillips

LMR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	

58	2.18	2.18	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:19080 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 1.5 inch conduit; one 6 inch abandoned-open cut LS. unable to inspect WS.one 6 inch working. Both 6 inch pipes are within 5 feet; broken concrete box on LS slope. FIELD_STRUCT_DESC: Abandoned 6-inch and 8-inch steel pipes through the levee, 2.5 and 5.0 feet below the crown, respectively. Pump in pump house on waterward slope. (USACE-1959). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (HLM 2.30). FS Date: 6/13/2013	38.256419 °	38.256419 °	57
								-121.600880 °	-121.600880 °	

DWR ID: DWR\_RD0501\_04\_f\_2013\_57

59	2.18	2.20	Earthen Levee	Trim / Thin Trees	LS	M Ma	T1 : Trim trees to at least five feet above ground level.	38.256275 °	38.255990 °	13
								-121.600933 °	-121.601015 °	

DWR ID: DWR\_RD0501\_04\_s\_2012\_13

60	2.19	2.19	Supplemental	DWR UCIP Field Study	LS	U En	Inspector Comments: FS_ID:19123 EP_NO: N/A Repair Type: Urgent Crossing Status: Found UCIP Comments: Broken concrete box on landward slope. Disturbed soil on waterward slope--unable to determine section disturbed. Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the waterwar slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtances. FIELD_STRUCT_DESC: Abandoned 6-inch and working 6-inch steel pipes through the levee, 2.5 and 5.0 feet below the crown, respectively. 1.5 inch electrical conduit through levee. Pump in pump house on waterward slope. (USACE-1959). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (HLM 2.30). Pipes are within 5 feet. FS Date: 6/13/2013	38.256225 °	38.256225 °	58
								-121.600903 °	-121.600903 °	

DWR ID: DWR\_RD0501\_04\_f\_2013\_58

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

**Levee Inspection Report By Mile - Fall 2013**

**Reclamation District No. 0501 Ryer Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Sutter Slough	Right	2.33	11/25/2013 11/25/2013	Herman Phillips

LMIR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	

61	2.19	2.19	Supplemental	DWR UCIP Field Study	LS	U En	Inspector Comments: FS_ID:19606 EP_NO: N/A Repair Type: Urgent Crossing Status: Found UCIP Comments: Broken concrete box on landward slope. Disturbed soil on waterward slope--unable to determine section disturbed. Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the waterwar slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtances. FIELD_STRUCT_DESC: Abandoned 6-inch and working 6-inch steel pipes through the levee, 2.5 and 5.0 feet below the crown, respectively. 1.5 inch electrical conduit through levee. Pump in pump house on waterward slope. (USACE-1959). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (HLM 2.30). Pipes are within 5 feet. FS Date: 6/13/2013	38.256225 ° -121.600903 °	38.256225 ° -121.600903 °	59
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DWR ID: DWR\_RD0501\_04\_f\_2013\_59

62	2.33	2.33	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:19081 EP_NO: 3635 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: FIELD_STRUCT_DESC: 2.5-inch steel conduit through the levee, 3.0 feet below the crown. Pole at landward toe. Rock revetment on waterward slope. (Permit No. 3635-1962) Abandoned and replaced by 3-inch conduit under Permit No. 5412 (1967). FS Date: 6/13/2013	38.254038 ° -121.601869 °	38.254038 ° -121.601869 °	60
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DWR ID: DWR\_RD0501\_04\_f\_2013\_60

63	2.33	2.33	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:19679 EP_NO: 3635 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Marker missing on waterward side--need to contact owner. FIELD_STRUCT_DESC: 2.5-inch steel conduit through the levee, 3.0 feet below the crown. Pole at landward toe. Rock revetment on waterward slope. (Permit No. 3635-1962) Abandoned and replaced by 3-inch conduit under Permit No. 5412 (1967). FS Date: 6/13/2013	38.254038 ° -121.601869 °	38.254038 ° -121.601869 °	61
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DWR ID: DWR\_RD0501\_04\_f\_2013\_61

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

**Levee Inspection Report By Mile - Fall 2013**

**Reclamation District No. 0501 Ryer Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Sutter Slough	Right	2.33	11/25/2013 11/25/2013	Herman Phillips

LMIR No.	Levee Mile		Category	Item	* Location	** Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
64	2.33	2.33	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:18198 EP_NO: 3635 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: FIELD_STRUCT_DESC: 2.5-inch steel conduit through the levee, 3.0 feet below the crown. Pole at landward toe. Rock revetment on waterward slope. (Permit No. 3635-1962) Abandoned and replaced by 3-inch conduit under Permit No. 5412 (1967). FS Date: 6/7/2013	38.254038 ° -121.601869 °	38.254038 ° -121.601869 °	62 Y

DWR ID: DWR\_RD0501\_04\_f\_2013\_62

65	2.33	2.33	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:18389 EP_NO: 3635 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: FIELD_STRUCT_DESC: 2.5-inch steel conduit through the levee, 3.0 feet below the crown. Pole at landward toe. Rock revetment on waterward slope. (Permit No. 3635-1962) Abandoned and replaced by 3-inch conduit under Permit No. 5412 (1967). FS Date: 6/7/2013	38.254038 ° -121.601869 °	38.254038 ° -121.601869 °	63 Y
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DWR ID: DWR\_RD0501\_04\_f\_2013\_63

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

**Levee Inspection Report By Mile - Fall 2013**

**Reclamation District No. 0501 Ryer Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Sutter Slough	Right	2.33	11/25/2013 11/25/2013	Herman Phillips

Levee Mile Report Line	1
Start Levee Mile	0.00
End Levee Mile	0.00
Location	Land Side
Category	Earthen Levee
Item	Vegetation

RD 501 Unit 4 looking downstream from landside shoulder. Photo taken 11-25-2013.

phillips\_f\_20131203\_769.JPG



Levee Mile Report Line	4
Start Levee Mile	0.56
End Levee Mile	0.56
Location	Land Side
Category	Supplemental
Item	DWR UCIP Field Study

Slant pump located on waterward side. 10 inch pipe connects at an angle to tar coated pipe.

UCIP\_11031.jpg



Levee Mile Report Line	5
Start Levee Mile	0.56
End Levee Mile	0.56
Location	Land Side
Category	Supplemental
Item	DWR UCIP Field Study

Overview of waterward side. Two crossings, 10 inch and 8 inch pipelines, less than 5 feet apart.

UCIP\_11024.jpg



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

**Levee Inspection Report By Mile - Fall 2013**

**Reclamation District No. 0501 Ryer Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Sutter Slough	Right	2.33	11/25/2013 11/25/2013	Herman Phillips

Levee Mile Report Line	13
Start Levee Mile	0.82
End Levee Mile	0.85
Location	Land Side
Category	Earthen Levee
Item	Vegetation
Woody growth blocking slope and toe of levee section. Photo taken 11-25-2013.	
phillips_f_20131203_770.JPG	



Levee Mile Report Line	18
Start Levee Mile	1.06
End Levee Mile	1.06
Location	Land Side
Category	Supplemental
Item	DWR UCIP Field Study
View of crossing on landward side.	
UCIP_10490.jpg	



Levee Mile Report Line	24
Start Levee Mile	1.10
End Levee Mile	1.10
Location	Land Side
Category	Supplemental
Item	DWR UCIP Field Study
View of landward side--power pole under trees.	
UCIP_10500.jpg	



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

**Levee Inspection Report By Mile - Fall 2013**

**Reclamation District No. 0501 Ryer Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Sutter Slough	Right	2.33	11/25/2013 11/25/2013	Herman Phillips

Levee Mile Report Line	27
Start Levee Mile	1.20
End Levee Mile	1.20
Location	Land Side
Category	Supplemental
Item	DWR UCIP Field Study

Abandoned pipe to the right of walkway.

UCIP\_11109.jpg



Levee Mile Report Line	42
Start Levee Mile	1.77
End Levee Mile	1.77
Location	Land Side
Category	Supplemental
Item	DWR UCIP Field Study

Waterward side-pipe along slope.

UCIP\_11114.jpg



Levee Mile Report Line	43
Start Levee Mile	1.84
End Levee Mile	1.87
Location	Land Side
Category	Earthen Levee
Item	Trim / Thin Trees

Unsatisfactory woody growth on the landside slope and toe, unable to see levee section. Photo taken 11-25-2013.

phillips\_f\_20131203\_771.JPG



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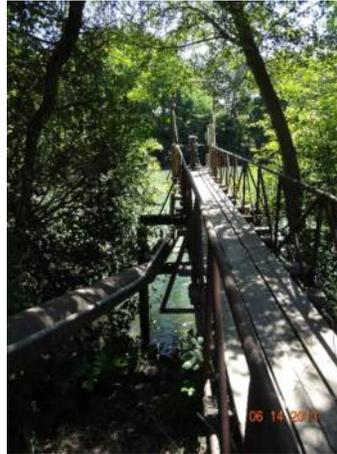
**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2013**

**Reclamation District No. 0501 Ryer Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Sutter Slough	Right	2.33	11/25/2013 11/25/2013	Herman Phillips

Levee Mile Report Line	49
Start Levee Mile	1.90
End Levee Mile	1.90
Location	Land Side
Category	Supplemental
Item	DWR UCIP Field Study
Waterward side--catwalk, conduit line, pump, and support piles.	
UCIP_10540.jpg	



Levee Mile Report Line	57
Start Levee Mile	2.18
End Levee Mile	2.18
Location	Land Side
Category	Supplemental
Item	DWR UCIP Field Study
Crossing is split in multiple directions. Debris scattered near crossing.	
UCIP_10554.jpg	



Levee Mile Report Line	65
Start Levee Mile	2.33
End Levee Mile	2.33
Location	Land Side
Category	Supplemental
Item	DWR UCIP Field Study
Marker visible on landward side.	
UCIP_10560.jpg	



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