

**Flood Control Project Maintenance
Levee Inspections**

**Fall 2015 Levee Maintenance Deficiency Summary Report
Overall LMA & Unit Ratings, including USACE Erosion Survey**

Sacramento River Basin

RD0536 Reclamation District No. 0536 Egbert	Overall LMA Rating	Total LMA Miles						
	U	10.59						
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	3.22	9.54	41.38	390.57%				
Trim / Thin Trees	0.02		0.02	0.19%				
Encroachments	0.02	0.04	0.18	1.70%	0.11	0.02		
Erosion / Bank Caving	0.01		0.01	0.09%				
Crown Surface / Depressions / Rutting	1.56	0.02	1.64	15.48%				
Operations & Maintenance Manuals	0.11		0.11	1.04%				
Emergency Supplies & Equipment	0.11		0.11	1.04%				
Flood Preparedness & Training	0.11		0.11	1.04%				
<i>Supplemental</i>								
2015 USACE Erosion Survey, DRAFT	0.37		0.37	3.49%				
DWR UCIP Field Study					0.13	0.01		
<i>LMA Totals:</i>	5.52	9.60	43.92	414.54%	0.24	0.03	0.00	0.00

Unit No. 01 Lindsey Slough RB RD0536	Overall Unit Rating	Total Unit Miles						
	U	5.58						
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	2.00	4.21	18.84	337.45%				
Trim / Thin Trees	0.02		0.02	0.36%				
Encroachments	0.02		0.02	0.36%	0.11	0.02		
Crown Surface / Depressions / Rutting	0.20	0.02	0.28	5.02%				
<i>Supplemental</i>								
2015 USACE Erosion Survey, DRAFT	0.37		0.37	6.63%				
DWR UCIP Field Study					0.09	0.01		
<i>Unit Totals:</i>	2.61	4.23	19.53	349.80%	0.20	0.03	0.00	0.00

Unit No. 02 Yolo Bypass RB RD0536	Overall Unit Rating	Total Unit Miles						
	U	5.01						
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	1.22	5.33	22.54	449.75%				
Encroachments		0.04	0.16	3.19%				
Erosion / Bank Caving	0.01		0.01	0.20%				
Crown Surface / Depressions / Rutting	1.36		1.36	27.14%				
<i>Supplemental</i>								
DWR UCIP Field Study					0.04			
<i>Unit Totals:</i>	2.59	5.37	24.07	480.28%	0.04	0.00	0.00	0.00

**Flood Control Project Maintenance
Levee Inspections
LMA District Cover Sheet
Fall 2015 Levee Inspection Results**

Reclamation District No. 0536 Egbert

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

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

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

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

Comments

**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Fall 2015 Levee Inspection Results

Reclamation District No. 0536 Egbert

Waterway		Bank	Unit Miles	
Unit No. 01 Lindsey Slough		Right	5.58	
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			U	
Date of Inspection	04/23/2015 - 04/23/2015		09/22/2015 - 09/22/2015	
DWR Inspector	Herman Phillips		Herman Phillips	
Accompanied By	David Hearn		Dave Hearn RD 536	

Summer & Winter Inspections

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

<http://cdec.water.ca.gov/lma.html>

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Reclamation District No. 0536 Egbert

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Lindsey Slough	Right	5.58	09/22/2015 09/22/2015	Herman Phillips

LM Start		Rating **	M	Issue No.	38
LM End		Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start		End
Item	Flood Preparedness & Training			°	°
DWR ID	DWR_RD0536_01_s_2012_38				
Action/Comments					
Inspector Comments: The District does not have a staff only land owners.					

No Photos

LM Start		Rating **	M	Issue No.	39
LM End		Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start		End
Item	Operations & Maintenance Manuals			°	°
DWR ID	DWR_RD0536_01_s_2012_39				
Action/Comments					
Inspector Comments: District needs to get a copy of the O&M manual.					

No Photos

LM Start		Rating **	M	Issue No.	40
LM End		Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start		End
Item	Emergency Supplies & Equipment			°	°
DWR ID	DWR_RD0536_01_s_2012_40				
Action/Comments					
Inspector Comments: The district should keep a supply of floodfight materials.					

No Photos

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

Levee Inspection Report By Mile - Fall 2015

Reclamation District No. 0536 Egbert

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Lindsey Slough	Right	5.58	09/22/2015 09/22/2015	Herman Phillips

LM Start	0.00	Rating **	U	Issue No.	5
LM End	0.00	Issue Type +	En	Location *	CR
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.245009 °	38.245009 °	
			-121.768948 °	-121.768948 °	
DWR ID	DWR_RD0536_01_f_2015_5				
Action/Comments					
Pipe Inspector Comments: The pipe listed here 60' CMP has corrosion at the bottom of the pipe. DWR UCIP discovered this pipe in their report , they list it as Urgent.					

Photo 1 of 2 : FA_2015_RD0536_208_5_20151005_00025.jpg



LS view of the CMP 60", the corrosion is at the bottom portion of pipe. Close up view.

LM Start	0.00	Rating **	U	Issue No.	5 (cont)
LM End	0.00	Issue Type +	En	Location *	CR

Photo 2 of 2 : FA_2015_RD0536_208_5_20151005_00026.jpg



Another view of the pipe from the LS.

LM Start	0.00	Rating **	U	Issue No.	71
LM End	0.00	Issue Type +	En	Location *	CR
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		38.244963 °	38.244963 °	
			-121.768960 °	-121.768960 °	
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:20406 DS_ID:22712 EP_NO: 10114 FS_HLM: 0 Repair Type: Urgent Crossing Status: Found					

Photo 1 of 3 : UCIP_FA_2015_1745.jpg



LS view: holes & cracks on CM pipe due to heavy corrosion. Needs detailed investigation of the pipe.

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

Levee Inspection Report By Mile - Fall 2015

Reclamation District No. 0536 Egbert

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Lindsey Slough	Right	5.58	09/22/2015 09/22/2015	Herman Phillips

LM Start	0.00	Rating **	U	Issue No.	71 (cont)
LM End	0.00	Issue Type +	En	Location *	CR
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.244963 °	38.244963 °
				-121.768960 °	-121.768960 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:20406 DS_ID:22712 EP_NO: 10114 FS_HLM: 0 Repair Type: Urgent Crossing Status: Found UCIP Comments: - Holes in pipe outlet due to heavy corrosion.- Needs detailed investigation of the pipe.- Headwall cracked and tilted on WS. FIELD_STRUCT_DESC: 1 of 2: 60-inch corrugated metal pipe (of 60-inch and 36-inch CMP) through levee 10.0 feet below crown in drain ditch. (ABO 10114, 1974). Originally included in the 1953 O&M manual, Sac 106, May 1953. FS Date: 08/13/2013					

Photo 2 of 3 : UCIP_FA_2015_1746.jpg



LS view: two inlet CMPs with flap gates. Concrete headwall supports the pipes. A 36" CMP (right) and 60" CMP (left).

LM Start	0.00	Rating **	U	Issue No.	71 (cont)
LM End	0.00	Issue Type +	En	Location *	CR

Photo 3 of 3 : UCIP_FA_2015_1747.jpg



WS view: two CMPs with flap gates. Concrete headwall supports the pipes. A 36" CMP (left) and 60" CMP (right).

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

Levee Inspection Report By Mile - Fall 2015

Reclamation District No. 0536 Egbert

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Lindsey Slough	Right	5.58	09/22/2015 09/22/2015	Herman Phillips

LM Start	0.00	Rating **	M	Issue No.	72
LM End	0.00	Issue Type +	En	Location *	CR
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.244959 °	38.244959 °
				-121.768921 °	-121.768921 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:20674 DS_ID:22726 EP_NO: 10114 FS_HLM: 0.002 Repair Type: Non-Urgent Crossing Status: Found					

Photo 1 of 3 : UCIP_FA_2015_1708.jpg



LS view: concrete headwall, 36" CMP (right) and 60" CMP (left)

LM Start	0.00	Rating **	M	Issue No.	72 (cont)
LM End	0.00	Issue Type +	En	Location *	CR

Photo 2 of 3 : UCIP_FA_2015_1712.jpg



WS view: cracked and tilted concrete headwall.

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

Levee Inspection Report By Mile - Fall 2015

Reclamation District No. 0536 Egbert

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Lindsey Slough	Right	5.58	09/22/2015 09/22/2015	Herman Phillips

LM Start	0.00	Rating **	M	Issue No.	72 (cont)
LM End	0.00	Issue Type +	En	Location *	CR
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.244959 °	38.244959 °
				-121.768921 °	-121.768921 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:20674 DS_ID:22726 EP_NO: 10114 FS_HLM: 0.002 Repair Type: Non-Urgent Crossing Status: Found					

Photo 3 of 3 : UCIP_FA_2015_1713.jpg



WS view: concrete headwall, flap gates on 36" CMP (left) and 60" CMP (right)

LM Start	0.02	Rating **	M	Issue No.	57
LM End	0.02	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.244948 °	38.244948 °
				-121.768637 °	-121.768637 °
DWR ID	DWR_RD0536_01_f_ 2013_57				
Action/Comments					
Fence Inspector Comments: This is not a new fence.					

No Photos

LM Start	0.02	Rating **	M	Issue No.	21
LM End	0.22	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.244968 °	38.245145 °
				-121.768630 °	-121.765030 °
DWR ID	DWR_RD0536_01_f_ 2015_21				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements. Inspector Comments: Weeds present on both banks.					

Photo 1 of 1 : FA_2015_RD0536_208_21_20151005_00027.jpg



Looking downstream of RD 536 landside, waterside and crown is in view.

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

Levee Inspection Report By Mile - Fall 2015

Reclamation District No. 0536 Egbert

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Lindsey Slough	Right	5.58	09/22/2015 09/22/2015	Herman Phillips

LM Start	0.02	Rating **	M	Issue No.	23
LM End	0.23	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.244968 °	38.245300 °	
			-121.768630 °	-121.764863 °	
DWR ID	DWR_RD0536_01_f_2015_23				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements.					

No Photos

LM Start	0.25	Rating **	M	Issue No.	22
LM End	0.25	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.245463 °	38.245463 °	
			-121.764528 °	-121.764528 °	
DWR ID	DWR_RD0536_01_s_2014_22				
Action/Comments					
Prunings					

No Photos

LM Start	0.31	Rating **	M	Issue No.	73
LM End	0.31	Issue Type +	En	Location *	LS
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		38.245605 °	38.245605 °	
			-121.763441 °	-121.763441 °	
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:20675 DS_ID:22713 EP_NO: 10114 FS_HLM: 0.311 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Outlet was blocked by concrete debris and dirt. Needs cleaning of debris. FIELD_STRUCT_DESC: 24-inch corrugated metal drain pipe through levee 10.5 feet below crown. Flap gate on waterward end. Originally included in the 1953 O&M manual, Sac 106, May 1953. FS Date: 08/13/2013					

Photo 1 of 3 : UCIP_FA_2015_1714.jpg



LS view: open CM pipe end on levee slope.

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

Levee Inspection Report By Mile - Fall 2015

Reclamation District No. 0536 Egbert

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Lindsey Slough	Right	5.58	09/22/2015 09/22/2015	Herman Phillips

LM Start	0.31	Rating **	M	Issue No.	73 (cont)
LM End	0.31	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.245605 °	38.245605 °
				-121.763441 °	-121.763441 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:20675 DS_ID:22713 EP_NO: 10114 FS_HLM: 0.311 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Outlet was blocked by concrete debri and dirt.Needs cleaning of debri. FIELD_STRUCT_DESC: 24-inch corrugated metal drain pipe through levee 10.5 feet below crown. Flap gate on waterward end. Originally included in the 1953 O&M manual, Sac 106, May 1953. FS Date: 08/13/2013					

Photo 2 of 3 : UCIP_FA_2015_1715.jpg



WS view: CM pipe blocked by concrete debri on levee slope.

Photo 3 of 3 : UCIP_FA_2015_1716.jpg



WS view: overview of exposed CM pipe on levee slope.

LM Start	0.31	Rating **	M	Issue No.	73 (cont)
LM End	0.31	Issue Type +	En	Location *	LS

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

Levee Inspection Report By Mile - Fall 2015

Reclamation District No. 0536 Egbert

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Lindsey Slough	Right	5.58	09/22/2015 09/22/2015	Herman Phillips

LM Start	0.40	Rating **	M	Issue No.	24
LM End	0.61	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.246150 °	38.248848 °
				-121.762163 °	-121.760588 °
DWR ID	DWR_RD0536_01_f_2015_24				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements.					

No Photos

LM Start	0.40	Rating **	M	Issue No.	28
LM End	0.61	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.246150 °	38.248848 °
				-121.762163 °	-121.760588 °
DWR ID	DWR_RD0536_01_f_2015_28				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements.					

No Photos

LM Start	0.67	Rating **	M	Issue No.	3
LM End	0.98	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2015 USACE Erosion Survey, DRAFT			38.249615 °	38.253717 °
				-121.760165 °	-121.757979 °
DWR ID					
Action/Comments					
Inspector Comments: 2011 - Multiple sections of slumping bank. 2015: Site is part of the extended inventory, last inspected 2011. [2015 Site ID: LDS_0-6_R]					

No Photos

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

Levee Inspection Report By Mile - Fall 2015

Reclamation District No. 0536 Egbert

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Lindsey Slough	Right	5.58	09/22/2015 09/22/2015	Herman Phillips

LM Start	1.15	Rating **	U	Issue No.	34
LM End	4.25	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.256246 °	38.248888 °	
			-121.757581 °	-121.718091 °	
DWR ID	DWR_RD0536_01_s_2014_34				
Action/Comments					
Remove the wild growth other than native grasses from the levee slopes. Inspector Comments: Remove the auronado and other vegetation from the waterside slope.					

Photo 1 of 1 : FA_2015_RD0536_208_34_20151005_00028.jpg



Bambo and oother vegetation present on the waterside slope.

LM Start	1.35	Rating **	M	Issue No.	47
LM End	1.55	Issue Type +	Ma	Location *	CR
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Crown Surface / Depressions / Rutting		38.258930 °	38.258637 °	
			-121.757085 °	-121.753397 °	
DWR ID	DWR_RD0536_01_f_2014_47				
Action/Comments					
Add appropriate material and re-grade the levee to bring the crown above the design elevation.					

No Photos

LM Start	1.59	Rating **	U	Issue No.	49
LM End	1.74	Issue Type +	Ma	Location *	CR
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.258792 °	38.259777 °	
			-121.752675 °	-121.750418 °	
DWR ID	DWR_RD0536_01_f_2014_49				
Action/Comments					
Keep the crown roadway free of vegetation. Inspector Comments: Crown roadway should be kept free of vegetation.					

Photo 1 of 1 : FA_2015_RD0536_208_49_20151005_00029.jpg



Unwanted grasses present on the crown roadway.

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

Levee Inspection Report By Mile - Fall 2015

Reclamation District No. 0536 Egbert

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Lindsey Slough	Right	5.58	09/22/2015 09/22/2015	Herman Phillips

LM Start	1.69	Rating **	M	Issue No.	46
LM End	2.86	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.259743 °	38.255390 °
				-121.751482 °	-121.735093 °
DWR ID	DWR_RD0536_01_f_2015_46				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements.					

No Photos

LM Start	2.40	Rating **	M	Issue No.	55
LM End	2.40	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.258368 °	38.258368 °
				-121.740406 °	-121.740406 °
DWR ID	DWR_RD0536_01_f_2013_55				
Action/Comments					
Tree or limb					

No Photos

LM Start	2.69	Rating **	U	Issue No.	56
LM End	2.71	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Crown Surface / Depressions / Rutting			38.255197 °	38.254973 °
				-121.737932 °	-121.737577 °
DWR ID	DWR_RD0536_01_f_2014_56				
Action/Comments					
Repair depressions or ruts in the crown or slope. Inspector Comments: District need to monitor the levee crown roadway at this location. There are some issues here.					

Photo 1 of 2 : FA_2015_RD0536_208_56_20151005_00030.jpg



Close up view of the unsettling of the crown roadway.

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

Levee Inspection Report By Mile - Fall 2015

Reclamation District No. 0536 Egbert

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Lindsey Slough	Right	5.58	09/22/2015 09/22/2015	Herman Phillips

LM Start	2.69	Rating **	U	Issue No.	56 (cont)
LM End	2.71	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Crown Surface / Depressions / Rutting			38.255197 °	38.254973 °
				-121.737932 °	-121.737577 °
DWR ID	DWR_RD0536_01_f_2014_56				
Action/Comments					
Repair depressions or ruts in the crown or slope. Inspector Comments: District need to monitor the levee crown roadway at this location. There are some issues here.					

Photo 2 of 2 : FA_2015_RD0536_208_56_20151005_00031.jpg



Looking downstream at crown roadway there is still some settling going on here at this location.

LM Start	2.74	Rating **	M	Issue No.	62
LM End	2.74	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.254927 °	38.254927 °
				-121.737139 °	-121.737138 °
DWR ID	DWR_RD0536_01_s_2014_62				
Action/Comments					
Trim and thin trees to allow visibility of the ground and room to flood fight.					

No Photos

LM Start	2.95	Rating **	M	Issue No.	63
LM End	2.95	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.256098 °	38.256098 °
				-121.733720 °	-121.733720 °
DWR ID	DWR_RD0536_01_s_2014_63				
Action/Comments					
Trim and thin trees to allow visibility of the ground and room to flood fight.					

No Photos

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

Levee Inspection Report By Mile - Fall 2015

Reclamation District No. 0536 Egbert

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Lindsey Slough	Right	5.58	09/22/2015 09/22/2015	Herman Phillips

LM Start	3.69	Rating **	M	Issue No.	74
LM End	3.69	Issue Type +	En	Location *	CR
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.252388 °	38.252388 °
				-121.726437 °	-121.726437 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:41374 DS_ID:24023 EP_NO: N/A FS_HLM: 3.689 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: - Field discovered pipe.- Needs more information from the LMA/ DWR Inspector. - Dense vegetation on WS.- Pump feeds both pipes. FIELD_STRUCT_DESC: 1 of 2. A 18-inch steel pipe (of 16-inch & 18-inch pipe) approximately 4 ft. below crown and through the levee. Pump in pump house on landside. Pressure breaker on waterside levee slope. FS Date: 08/13/2013					

Photo 1 of 3 : UCIP_FA_2015_1717.jpg



WS view: exposed 18" steel pipe (left) and 16" steel pipe (right) on levee slope. Pump house on bank of drainage ditch.

LM Start	3.69	Rating **	M	Issue No.	74 (cont)
LM End	3.69	Issue Type +	En	Location *	CR

Photo 2 of 3 : UCIP_FA_2015_1718.jpg



WS view: pressure breaker/valve on levee slope.

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

Levee Inspection Report By Mile - Fall 2015

Reclamation District No. 0536 Egbert

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Lindsey Slough	Right	5.58	09/22/2015 09/22/2015	Herman Phillips

LM Start	3.69	Rating **	M	Issue No.	74 (cont)
LM End	3.69	Issue Type +	En	Location *	CR
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.252388 °	38.252388 °
				-121.726437 °	-121.726437 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:41374 DS_ID:24023 EP_NO: N/A FS_HLM: 3.689 Repair Type: Non-Urgent Crossing Status: Found					

Photo 3 of 3 : UCIP_FA_2015_1719.jpg



WS view: exposed 18" steel pipe on levee slope.

LM Start	3.95	Rating **	M	Issue No.	75
LM End	3.95	Issue Type +	En	Location *	CR
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.250693 °	38.250693 °
				-121.722759 °	-121.722759 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:20504 DS_ID:22719 EP_NO: 2131 FS_HLM: 3.9518 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Pump is missing at the time of inspection. May be taken out for repair. Flap gate on waterward end not found/visible as pipe was submerged into water. Pipe itself is a walkway with steel handrail. FIELD_STRUCT_DESC: 20-inch pipe through levee 1.5 feet below crown. Pump on steel platform in drain ditch on landward side. Siphon breaker on waterward slope exposed on both slopes. (Permit No. 2131, 1955). FS Date: 08/13/2013					

Photo 1 of 3 : UCIP_FA_2015_1491.jpg



LS view: exposed steel pipe on levee slope and pump deck in drainage ditch.

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

Levee Inspection Report By Mile - Fall 2015

Reclamation District No. 0536 Egbert

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Lindsey Slough	Right	5.58	09/22/2015 09/22/2015	Herman Phillips

LM Start	3.95	Rating **	M	Issue No.	75 (cont)
LM End	3.95	Issue Type +	En	Location *	CR
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.250693 °	38.250693 °
				-121.722759 °	-121.722759 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:20504 DS_ID:22719 EP_NO: 2131 FS_HLM: 3.9518 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Pump is missing at the time of inspection. May be taken out for repair. Flap gate on waterward end not found/visible as pipe was submerged into water. Pipe itself is a walkway with steel handrail. FIELD_STRUCT_DESC: 20-inch pipe through levee 1.5 feet below crown. Pump on steel platform in drain ditch on landward side. Siphon breaker on waterward slope exposed on both slopes. (Permit No. 2131, 1955). FS Date: 08/13/2013					

Photo 2 of 3 : UCIP_FA_2015_1492.jpg



WS view: steel pipe submerged into water in the stream.

LM Start	3.95	Rating **	M	Issue No.	75 (cont)
LM End	3.95	Issue Type +	En	Location *	CR

Photo 3 of 3 : UCIP_FA_2015_1493.jpg



WS view: exposed steel pipe with siphon breaker on levee slope.

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

Levee Inspection Report By Mile - Fall 2015

Reclamation District No. 0536 Egbert

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Lindsey Slough	Right	5.58	09/22/2015 09/22/2015	Herman Phillips

LM Start	4.63	Rating **	U	Issue No.	20
LM End	4.65	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.248288 °	38.248017 °	
			-121.712068 °	-121.711852 °	
DWR ID	DWR_RD0536_01_f_2015_20				
Action/Comments					
Remove the wild growth other than native grasses from the levee slopes. Inspector Comments: Unsatisfactory growth of arundo present on waterside slope need to be removed.					

Photo 1 of 1 : FA_2015_RD0536_208_20_20151005_00033.jpg



This photo shows the unsafactory growth of wild arundo on the waterside slope.

LM Start	4.67	Rating **	M	Issue No.	64
LM End	4.77	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.247719 °	38.246476 °	
			-121.711768 °	-121.711183 °	
DWR ID	DWR_RD0536_01_s_2014_64				
Action/Comments					
Fence					

No Photos

LM Start	4.94	Rating **	M	Issue No.	4
LM End	4.95	Issue Type +	Ma	Location *	WS
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	2015 USACE Erosion Survey, DRAFT		38.245581 °	38.245667 °	
			-121.708605 °	-121.708327 °	
DWR ID					
Action/Comments					
Inspector Comments: 2011 - Multiple erosion pockets from tree popouts. A smaller erosion pocket in the middle of a failing bank repair. Pump structure at the downstream end may be contributing to the erosion. 2015: Site is part of the extended inventory, last inspected 2011. [2015 Site ID: LDS_0-8_R]					

No Photos

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

Levee Inspection Report By Mile - Fall 2015

Reclamation District No. 0536 Egbert

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Lindsey Slough	Right	5.58	09/22/2015 09/22/2015	Herman Phillips

LM Start	4.96	Rating **	M	Issue No.	76
LM End	4.96	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.245643 °	38.245643 °
				-121.708162 °	-121.708162 °
DWR ID					

Action/Comments

Inspector Comments: FS_ID:20523
 DS_ID:22720
 EP_NO: 10116
 FS_HLM: 4.9653
 Repair Type: Non-Urgent
 Crossing Status: Found
 UCIP Comments: Pipe seems to be abandoned. Catwalk and pumphouse on riverside not found. It is not clear whether the pipe pass through the levee or not. Needs more info from LMA/DWR Inspector.
 FIELD_STRUCT_DESC: 3-inch B.I. galvanized pipe through levee 4.0 feet below crown. Concrete cradle and tank on waterward slope.
 FS Date: 08/13/2013

LM Start	4.96	Rating **	M	Issue No.	76 (cont)
LM End	4.96	Issue Type +	En	Location *	WS

Photo 1 of 3 : UCIP_FA_2015_1494.jpg



WS view: concrete cradle and abandoned steel tank on levee shoulder.

Photo 2 of 3 : UCIP_FA_2015_1495.jpg



WS view: exposed pipes on levee shoulder.

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

Levee Inspection Report By Mile - Fall 2015

Reclamation District No. 0536 Egbert

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Lindsey Slough	Right	5.58	09/22/2015 09/22/2015	Herman Phillips

LM Start	4.96	Rating **	M	Issue No.	76 (cont)
LM End	4.96	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.245643 °	38.245643 °
				-121.708162 °	-121.708162 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:20523 DS_ID:22720 EP_NO: 10116 FS_HLM: 4.9653 Repair Type: Non-Urgent Crossing Status: Found					

Photo 3 of 3 : UCIP_FA_2015_1496.jpg



WS view: pump, pipe, gate valve, and wooden piling structure in the stream.

LM Start	5.00	Rating **	M	Issue No.	6
LM End	5.05	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2015 USACE Erosion Survey, DRAFT			38.245981 °	38.246326 °
				-121.707609 °	-121.706737 °
DWR ID					
Action/Comments					
Inspector Comments: 2011 - Levee toe is unraveling with large slumping sections. This site is downstream of old bank rock. 2012 - Erosion pocket has increased in size. 2015: Site is part of the extended inventory, last inspected 2011. [2015 Site ID: LDS_0-7_R]					

No Photos

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

Levee Inspection Report By Mile - Fall 2015

Reclamation District No. 0536 Egbert

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Lindsey Slough	Right	5.58	09/22/2015 09/22/2015	Herman Phillips

LM Start	5.10	Rating **	M	Issue No.	77
LM End	5.10	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.245783 °	38.245783 °
DWR ID				-121.705999 °	-121.705999 °
Action/Comments					
Inspector Comments: FS_ID:20543 DS_ID:22721 EP_NO: 3873 FS_HLM: 5.1038 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Pipe seems to be abandoned.Needs proper abandonment. FIELD_STRUCT_DESC: 6-inch pipe through levee 2.0 feet below crown. Pump on concrete base on waterward slope. Gate valve on waterward slope. (Permit No.3873, 1962). FS Date: 08/13/2013					

Photo 1 of 2 : UCIP_FA_2015_1497.jpg



WS view: closer view of abandoned pipe, pump, and gate valve on levee slope.

LM Start	5.10	Rating **	M	Issue No.	77 (cont)
LM End	5.10	Issue Type +	En	Location *	WS

Photo 2 of 2 : UCIP_FA_2015_1498.jpg



WS view: abandoned pipe, pump, conduit, and gate valve on levee slope.

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

Levee Inspection Report By Mile - Fall 2015

Reclamation District No. 0536 Egbert

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Lindsey Slough	Right	5.58	09/22/2015 09/22/2015	Herman Phillips

LM Start	5.10	Rating **	M	Issue No.	78
LM End	5.10	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.245783 °	38.245783 °
				-121.705999 °	-121.705999 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:20869 DS_ID:24664 EP_NO: N/A FS_HLM: 5.104 Repair Type: Non-Urgent Crossing Status: Found					

Photo 1 of 2 : UCIP_FA_2015_1781.jpg



WS view: closer view of pipe and pump on channel bank.

LM Start	5.10	Rating **	M	Issue No.	78 (cont)
LM End	5.10	Issue Type +	En	Location *	WS

Photo 2 of 2 : UCIP_FA_2015_1782.jpg



WS view: pipe and pump on channel bank.

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

Levee Inspection Report By Mile - Fall 2015

Reclamation District No. 0536 Egbert

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Lindsey Slough	Right	5.58	09/22/2015 09/22/2015	Herman Phillips

LM Start	5.12	Rating **	M	Issue No.	79
LM End	5.12	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.245588 °	38.245588 °
				-121.705723 °	-121.705723 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:20544 DS_ID:24024 EP_NO: N/A FS_HLM: 5.124 Repair Type: Non-Urgent Crossing Status: Found					

Photo 1 of 2 : UCIP_FA_2015_1499.jpg



WS view: abandoned steel pipe on concrete pad.

LM Start	5.12	Rating **	M	Issue No.	79 (cont)
LM End	5.12	Issue Type +	En	Location *	WS

Photo 2 of 2 : UCIP_FA_2015_1500.jpg



WS view: overview of levee slope, concrete pad, and pipe.

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

Levee Inspection Report By Mile - Fall 2015

Reclamation District No. 0536 Egbert

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Lindsey Slough	Right	5.58	09/22/2015 09/22/2015	Herman Phillips

LM Start	5.17	Rating **	U	Issue No.	65
LM End	5.39	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.245300 °	38.245742 °	
			-121.704909 °	-121.700893 °	
DWR ID	DWR_RD0536_01_s_2014_65				
Action/Comments					
Trees / Woody Vegetation Inspector Comments: These young oak trees need to be removed from the landward slope and shoulder before they get any larger.					

Photo 1 of 1 : FA_2015_RD0536_208_65_20151005_00034.jpg



Looking downstream from levee mile 5.17 to 5.39 at unsatisfactory woody tree growth on the landside levee slope.

LM Start	5.34	Rating **	U	Issue No.	11
LM End	5.34	Issue Type +	En	Location *	CR
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.245644 °	38.245644 °	
			-121.701945 °	-121.701945 °	
DWR ID	DWR_RD0536_01_s_2013_11				
Action/Comments					
Fence Inspector Comments: The District said that the property owner had this gate and barricade installed by the County.					

Photo 1 of 1 : FA_2015_RD0536_208_11_20150915_00001.jpg



This gate and barricade has no CVFPB permit on file.

LM Start	5.45	Rating **	U	Issue No.	70
LM End	5.53	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.245565 °	38.245503 °	
			-121.699808 °	-121.698480 °	
DWR ID	DWR_RD0536_01_f_2014_70				
Action/Comments					
Remove the wild growth other than native grasses from the levee slopes. Inspector Comments: District need to remove the wild growth from the waterward levee slope and shoulder.					

Photo 1 of 1 : FA_2015_RD0536_208_70_20151005_00035.jpg



Unsatisfactory growth of young tree growth present on the waterside levee slope.

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

Levee Inspection Report By Mile - Fall 2015

Reclamation District No. 0536 Egbert

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Lindsey Slough	Right	5.58	09/22/2015 09/22/2015	Herman Phillips

LM Start	5.49	Rating **	M	Issue No.	80
LM End	5.49	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.245512 °	38.245512 °
				-121.699119 °	-121.699119 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:20563 DS_ID:22722 EP_NO: 7208 FS_HLM: 5.4969 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: - siphon breaker needs cover/protection.- service pole on landside of the levee. FIELD_STRUCT_DESC: 30-inch steel drain pipe through levee 5.7 feet below crown. Pump in piling structure in drain ditch on landward side. Siphon breaker on waterward shoulder. (Permit No. 7208, 1971) FS Date: 08/13/2013					

Photo 1 of 3 : UCIP_FA_2015_1171.jpg



WS view: wooden & steel piles on the slough. Probably the supports are for pipe and flap gate. Not accessible due to fence.

LM Start	5.49	Rating **	M	Issue No.	80 (cont)
LM End	5.49	Issue Type +	En	Location *	WS

Photo 2 of 3 : UCIP_FA_2015_1551.jpg



LS view: pipe under the wooden walkway and pump on wooden platform in drain ditch.

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

Levee Inspection Report By Mile - Fall 2015

Reclamation District No. 0536 Egbert

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Lindsey Slough	Right	5.58	09/22/2015 09/22/2015	Herman Phillips

LM Start	5.49	Rating **	M	Issue No.	80 (cont)
LM End	5.49	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.245512 °	38.245512 °
				-121.699119 °	-121.699119 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:20563 DS_ID:22722 EP_NO: 7208 FS_HLM: 5.4969 Repair Type: Non-Urgent Crossing Status: Found					

Photo 3 of 3 : UCIP_FA_2015_1552.jpg



WS view: uncovered siphon breaker on levee shoulder. It needs protection.

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

Unit Cover Sheet

Fall 2015 Levee Inspection Results

Reclamation District No. 0536 Egbert

Waterway		Bank	Unit Miles	
Unit No. 02 Yolo Bypass		Right	5.01	
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			U	
Date of Inspection	04/23/2015 - 04/23/2015		09/22/2015 - 09/22/2015	
DWR Inspector	Herman Phillips		Herman Phillips	
Accompanied By	David Hearn			

Summer & Winter Inspections

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

<http://cdec.water.ca.gov/lma.html>

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Reclamation District No. 0536 Egbert

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Right	5.01	09/22/2015 09/22/2015	Herman Phillips

LM Start		Rating **	M	Issue No.	25
LM End		Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.196429 °	38.196429 °
				-121.698962 °	-121.698962 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:46813 DS_ID:22735 EP_NO: N/A FS_HLM: 4.314 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Recommend owner contact CVFPB to provide updated owner info and obtain necessary permit for this crossing. FIELD_STRUCT_DESC: 18-inch steel pipe on WS. Steel standpipe on both sides of the levee. Temporary canvas about 2" below crown. Per 2015 Inspection Report provided by Herman Phillips, diesel motor found on WS and owner is Mr. Page Baldwin. FS Date: 08/13/2013					

Photo 1 of 3 : UCIP_FA_2015_1705.jpg



WS view: steel pipe on levee shoulder at 2-inch below the crown.

Photo 2 of 3 : UCIP_FA_2015_1706.jpg



LS view: steel standpipe on levee slope.

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

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

Levee Inspection Report By Mile - Fall 2015

Reclamation District No. 0536 Egbert

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Right	5.01	09/22/2015 09/22/2015	Herman Phillips

LM Start		Rating **	M	Issue No.	25 (cont)
LM End		Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.196429 °	38.196429 °
				-121.698962 °	-121.698962 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:46813 DS_ID:22735 EP_NO: N/A FS_HLM: 4.314 Repair Type: Non-Urgent Crossing Status: Found					

Photo 3 of 3 : UCIP_FA_2015_1707.jpg



WS view: steel standpipe on levee slope.

LM Start	0.09	Rating **	U	Issue No.	17
LM End	0.28	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.244225 °	38.241570 °
				-121.696980 °	-121.697310 °
DWR ID	DWR_RD0536_02_s_2014_17				
Action/Comments					
Remove the wild growth other than native grasses from the levee slopes. Inspector Comments: Remove the tall weeds from the landside levee slope and shoulder.					

Photo 1 of 1 : FA_2015_RD0536_209_17_20151005_00010.jpg



Unsatisfactory growth on the landside slope.

LM Start	0.09	Rating **	U	Issue No.	5
LM End	0.13	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.244240 °	38.243709 °
				-121.696830 °	-121.696934 °
DWR ID	DWR_RD0536_02_s_2012_5				
Action/Comments					
Equipment Inspector Comments: Equipment within the 10-foot easement looking from levee mile 0.06 back towards 0.01.					

Photo 1 of 1 : FA_2015_RD0536_209_5_20151005_00009.jpg



Equipment placed within the easement on the landside levee slope.

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

Levee Inspection Report By Mile - Fall 2015

Reclamation District No. 0536 Egbert

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Right	5.01	09/22/2015 09/22/2015	Herman Phillips

LM Start	0.10	Rating **	M	Issue No.	11
LM End	0.28	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.244097 °	38.241570 °	
			-121.696952 °	-121.697305 °	
DWR ID	DWR_RD0536_02_f_2015_11				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements.					

No Photos

LM Start	0.11	Rating **	U	Issue No.	15
LM End	0.86	Issue Type +	Ma	Location *	CR
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.243965 °	38.233168 °	
			-121.696933 °	-121.697973 °	
DWR ID	DWR_RD0536_02_f_2015_15				
Action/Comments					
Keep the crown roadway free of vegetation. Inspector Comments: The crown roadway should be free from vegetation at all times.					

Photo 1 of 1 : FA_2015_RD0536_209_15_20151005_00011.jpg



Unsatisfactory growth of tall wild weeds growing on the crown roadway.

LM Start	0.40	Rating **	M	Issue No.	18
LM End	0.92	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.239805 °	38.232285 °	
			-121.697572 °	-121.697975 °	
DWR ID	DWR_RD0536_02_f_2015_18				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements.					

No Photos

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

Levee Inspection Report By Mile - Fall 2015

Reclamation District No. 0536 Egbert

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Right	5.01	09/22/2015 09/22/2015	Herman Phillips

LM Start	0.40	Rating **	M	Issue No.	19
LM End	0.92	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.239805 °	38.232285 °	
			-121.697572 °	-121.697975 °	
DWR ID	DWR_RD0536_02_f_2015_19				
Action/Comments					
Remove the wild growth other than native grasses from the levee slopes.					

No Photos

LM Start	0.84	Rating **	M	Issue No.	16
LM End	2.20	Issue Type +	Ma	Location *	CR
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Crown Surface / Depressions / Rutting		38.233467 °	38.214050 °	
			-121.698007 °	-121.693725 °	
DWR ID	DWR_RD0536_02_f_2012_16				
Action/Comments					
Add appropriate gravel or road base. Grade and compact. Inspector Comments: Crown need more gravel.					

No Photos

LM Start	1.47	Rating **	M	Issue No.	26
LM End	1.47	Issue Type +	En	Location *	CR
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		38.224423 °	38.224423 °	
			-121.697049 °	-121.697049 °	
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:20664 DS_ID:22732 EP_NO: 17829 FS_HLM: 1.402 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Indicator is found only on WS. The indicator is different than standard indicator. Needs more info from LMA/DWR Inspector. FIELD_STRUCT_DESC: 3.5-inch welded steel natural gas pipe through levee 44.0 feet below crown (Permit No. 17829, 2004). FS Date: 08/13/2013					

Photo 1 of 3 : UCIP_FA_2015_2065.jpg



WS view: natural gas extraction plant near levee on the field.

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

Levee Inspection Report By Mile - Fall 2015

Reclamation District No. 0536 Egbert

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Right	5.01	09/22/2015 09/22/2015	Herman Phillips

LM Start	1.47	Rating **	M	Issue No.	26 (cont)
LM End	1.47	Issue Type +	En	Location *	CR
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.224423 °	38.224423 °
				-121.697049 °	-121.697049 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:20664 DS_ID:22732 EP_NO: 17829 FS_HLM: 1.402 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Indicator is found only on WS. The indicator is different than standard indicator. Needs more info from LMA/DWR Inspector. FIELD_STRUCT_DESC: 3.5-inch welded steel natural gas pipe through levee 44.0 feet below crown (Permit No. 17829, 2004). FS Date: 08/13/2013					

Photo 2 of 3 : UCIP_FA_2015_2066.jpg



WS view: closer look at gasline indicator. The indicator is different than standard indicators.

LM Start	1.47	Rating **	M	Issue No.	26 (cont)
LM End	1.47	Issue Type +	En	Location *	CR

Photo 3 of 3 : UCIP_FA_2015_2067.jpg



WS view: overview of levee slope and gasline indicator. The indicator is different than standard indicators.

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

Levee Inspection Report By Mile - Fall 2015

Reclamation District No. 0536 Egbert

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Right	5.01	09/22/2015 09/22/2015	Herman Phillips

LM Start	2.16	Rating **	U	Issue No.	14
LM End	4.36	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.214666 °	38.196442 °	
			-121.693969 °	-121.698980 °	
DWR ID	DWR_RD0536_02_s_2012_14				
Action/Comments					
Remove the wild growth other than native grasses from the levee slopes. Inspector Comments: Remove the dead weeds from the levee section.					

Photo 1 of 1 : FA_2015_RD0536_209_14_20151005_00013.jpg



Unsatisfactory tall weed growth on the landward levee section.

LM Start	2.17	Rating **	U	Issue No.	2
LM End	4.36	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.214579 °	38.196442 °	
			-121.693950 °	-121.698978 °	
DWR ID	DWR_RD0536_02_f_2015_2				
Action/Comments					
Remove the wild growth other than native grasses from the levee slopes. Inspector Comments: Remove the dead weeds from the waterward levee section.					

Photo 1 of 1 : FA_2015_RD0536_209_2_20151005_00012.jpg



Unsatisfactory wild growth of weeds on the waterside levee slope and shoulder.

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

Levee Inspection Report By Mile - Fall 2015

Reclamation District No. 0536 Egbert

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Right	5.01	09/22/2015 09/22/2015	Herman Phillips

LM Start	2.50	Rating **	M	Issue No.	27
LM End	2.50	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.210063 °	38.210063 °
				-121.691768 °	-121.691768 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:20647 DS_ID:24025 EP_NO: N/A FS_HLM: 2.442 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Needs more info from LMA/DWR Inspector. Pump and pipe looks new. FIELD_STRUCT_DESC: A 12-inch steel pipe with vertical pump on drainage ditch. No other details available. FS Date: 08/13/2013					

Photo 1 of 2 : UCIP_FA_2015_2063.jpg



WS view: closer view of pipe and pump (left). Big pump and appurtenances (right) for 24" steel pipe.

LM Start	2.50	Rating **	M	Issue No.	27 (cont)
LM End	2.50	Issue Type +	En	Location *	WS

Photo 2 of 2 : UCIP_FA_2015_2064.jpg



WS view: overview of pipe and pump (left). Big pump and appurtenances (right) for 24" steel pipe.

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

Levee Inspection Report By Mile - Fall 2015

Reclamation District No. 0536 Egbert

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Right	5.01	09/22/2015 09/22/2015	Herman Phillips

LM Start	3.04	Rating **	A	Issue No.	24
LM End	3.46	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.203122 °	38.197754 °
				-121.687180 °	-121.683742 °
DWR ID	DWR_RD0536_02_s_2014_24				
Action/Comments					
Keep the crown roadway free of vegetation.					

No Photos

LM Start	3.75	Rating **	M	Issue No.	10
LM End	3.76	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.196982 °	38.196850 °
				-121.688350 °	-121.688542 °
DWR ID	DWR_RD0536_02_s_2012_10				
Action/Comments					
Schedule repair of erosion site prior to the next inspection.					

No Photos

LM Start	4.14	Rating **	M	Issue No.	28
LM End	4.14	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.195875 °	38.195875 °
				-121.695177 °	-121.695177 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:41845 DS_ID:22731 EP_NO: 1217 FS_HLM: 4.091 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Gasline needs markers on both slopes. Existing markers in disrepair. FIELD_STRUCT_DESC: 8.625-inch gas line through levee at unknown elevation (Permit No. 1217, 1947). FS Date: 08/13/2013					

Photo 1 of 2 : UCIP_FA_2015_1704.jpg



WS view: gasline indicator across the channel.

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

Levee Inspection Report By Mile - Fall 2015

Reclamation District No. 0536 Egbert

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Right	5.01	09/22/2015 09/22/2015	Herman Phillips

LM Start	4.14	Rating **	M	Issue No.	28 (cont)
LM End	4.14	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.195875 °	38.195875 °
				-121.695177 °	-121.695177 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:41845 DS_ID:22731 EP_NO: 1217 FS_HLM: 4.091 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Gasline needs markers on both slopes. Existing markers in disrepair. FIELD_STRUCT_DESC: 8.625-inch gas line through levee at unknown elevation (Permit No. 1217, 1947). FS Date: 08/13/2013					

Photo 2 of 2 : UCIP_FA_2015_2068.jpg



LS view: gasline indicator on levee toe.

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