

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

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

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

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

Comments

**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Spring 2016 Levee Inspection Results

Reclamation District No. 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)				
Date of Inspection	3/30/2016 - 3/30/2016			
DWR Inspector	Herman Phillips			
Accompanied By	Dave Hern 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 - Spring 2016

Reclamation District No. 0536 Egbert

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Lindsey Slough	Right	5.58	03/30/2016 03/30/2016	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			o	o
DWR ID	DWR_RD0536_01_s_2012_38				
Comment Code					
Inspector Comment					
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			o	o
DWR ID	DWR_RD0536_01_s_2012_39				
Comment Code					
Inspector Comment					
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			o	o
DWR ID	DWR_RD0536_01_s_2012_40				
Comment Code					
Inspector Comment					
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 - Spring 2016

Reclamation District No. 0536 Egbert

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Lindsey Slough	Right	5.58	03/30/2016 03/30/2016	Herman Phillips

LM Start	0.00	Rating **	U	Issue No.	79
LM End	0.00	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.244963 °	38.244963 °
				-121.768960 °	-121.768960 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:20406 DS_ID:22712 EP_NO: 10114 Repair Type: Urgent Crossing Status: Found UCIP Comments: - Holes in pipe outlet due to heavy corrosion.- 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: 8/13/2013					

Photo 1 of 2 : UCIP_SP_2016_20406_34457.jpg



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

LM Start	0.00	Rating **	U	Issue No.	79 (cont)
LM End	0.00	Issue Type +	En	Location *	WS

Photo 2 of 2 : UCIP_SP_2016_20406_34456.jpg



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

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

Levee Inspection Report By Mile - Spring 2016

Reclamation District No. 0536 Egbert

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Lindsey Slough	Right	5.58	03/30/2016 03/30/2016	Herman Phillips

LM Start	0.00	Rating **	M	Issue No.	77
LM End	0.00	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.244959 °	38.244959 °
				-121.768921 °	-121.768921 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:20674 DS_ID:22726 EP_NO: 10114 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: This pipe seems to be abandoned. Headwall cracked and tilted on WS. FIELD_STRUCT_DESC: 2 of 2: 36-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: 8/13/2013					

Photo 1 of 2 : UCIP_SP_2016_20674_34771.jpg



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

LM Start	0.00	Rating **	M	Issue No.	77 (cont)
LM End	0.00	Issue Type +	En	Location *	WS

Photo 2 of 2 : UCIP_SP_2016_20674_34770.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 - Spring 2016

Reclamation District No. 0536 Egbert

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Lindsey Slough	Right	5.58	03/30/2016 03/30/2016	Herman Phillips

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				
Comment Code					
FE : Fence					
Inspector Comment					
This is not a new fence.					

No Photos

LM Start	0.02	Rating **	A/W	Issue No.	21
LM End	1.05	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.244968 °	38.254798 °	
			-121.768630 °	-121.757680 °	
DWR ID	DWR_RD0536_01_f_2015_21				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
Looking downstream from levee mile 0.02-1.05 no vegetation problems.					

Photo 1 of 1 : SP_2016_RD0536_208_21_20160516_00040.jpg



RD 536 Unit 1 looking downstream from levee mile 0.02 to 0.22.

LM Start	0.05	Rating **	A	Issue No.	19
LM End	1.05	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.244980 °	38.254798 °	
			-121.767982 °	-121.757680 °	
DWR ID	DWR_RD0536_01_s_2016_19				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Levee Inspection Report By Mile - Spring 2016

Reclamation District No. 0536 Egbert

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Lindsey Slough	Right	5.58	03/30/2016 03/30/2016	Herman Phillips

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				
Comment Code					
PR : Prunings					
Inspector Comment					

No Photos

LM Start	0.31	Rating **	M	Issue No.	78
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					
Comment Code					
Inspector Comment					
FS_ID:20675 DS_ID:22713 EP_NO: 10114 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: 8/13/2013					

Photo 1 of 2 : UCIP_SP_2016_20675_34774.jpg



WS view: overview of exposed CM pipe 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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Levee Inspection Report By Mile - Spring 2016

Reclamation District No. 0536 Egbert

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Lindsey Slough	Right	5.58	03/30/2016 03/30/2016	Herman Phillips

LM Start	0.31	Rating **	M	Issue No.	78 (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					
Comment Code					
Inspector Comment					
FS_ID:20675 DS_ID:22713 EP_NO: 10114 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: 8/13/2013					

Photo 2 of 2 : UCIP_SP_2016_20675_34773.jpg



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

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	DWR_RD0536_01_s_2016_3				
Comment Code					
Inspector Comment					
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
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Levee Inspection Report By Mile - Spring 2016

Reclamation District No. 0536 Egbert

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Lindsey Slough	Right	5.58	03/30/2016 03/30/2016	Herman Phillips

LM Start	1.10	Rating **	U	Issue No.	31
LM End	2.60	Issue Type +	Ma	Location *	CR
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.255475 °	38.256395 °	
			-121.757598 °	-121.738608 °	
DWR ID	DWR_RD0536_01_s_2016_31				
Comment Code					
V9 : Keep the crown roadway free of vegetation.					
Inspector Comment					
Remove the tall weeds from the crown roadway, the crown should be free of vegetation.					

Photo 1 of 1 : SP_2016_RD0536_208_31_20160516_00046.jpg



RD 536 Unit 1 looking downstream from levee mile 1.10 - 2.60 tall weeds growing on the crown roadway.

LM Start	1.11	Rating **	U	Issue No.	32
LM End	5.57	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.255533 °	38.245595 °	
			-121.757595 °	-121.697653 °	
DWR ID	DWR_RD0536_01_s_2016_32				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					
Remove the tall grasses from the landside levee slope.					

Photo 1 of 1 : SP_2016_RD0536_208_32_20160516_00043.jpg



RD 536 Unit 1 looking at the landside slope from levee mile 1.11- 5.57 the tall grasses completely covering the 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 - Spring 2016

Reclamation District No. 0536 Egbert

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Lindsey Slough	Right	5.58	03/30/2016 03/30/2016	Herman Phillips

LM Start	1.11	Rating **	M	Issue No.	33
LM End	1.15	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.255660 °	38.256246 °	
			-121.757600 °	-121.757580 °	
DWR ID	DWR_RD0536_01_s_2016_33				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
Control the grasses on the waterside levee slope.					

No Photos

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				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					
Remove the unwanted tall grasses, arundo and other wild growth from the waterside levee slope and toe					

Photo 1 of 1 : SP_2016_RD0536_208_34_20160516_00044.jpg



RD 536 Unit 1 levee mile 1.15-4.25 tall grasses and other wild growth covering the waterside slope and toe.

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				
Comment Code					
C1 : Add appropriate material and re-grade the levee to bring the crown above the design elevation.					
Inspector Comment					

No Photos

* 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 - Spring 2016

Reclamation District No. 0536 Egbert

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Lindsey Slough	Right	5.58	03/30/2016 03/30/2016	Herman Phillips

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				
Comment Code					
C1 : Add appropriate material and re-grade the levee to bring the crown above the design elevation.					
Inspector Comment					
District need to monitor the levee crown roadway at this location. There are some issues here. This will involve more than adding material. What's causing the separation needs to be examined.					

Photo 1 of 3 : SP_2016_RD0536_208_56_20160223_00009.jpg



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

LM Start	2.69	Rating **	U	Issue No.	56 (cont)
LM End	2.71	Issue Type +	Ma	Location *	CR

Photo 2 of 3 : SP_2016_RD0536_208_56_20160223_00010.jpg



Close up view of the uneven settling of the crown roadway.

LM Start	2.69	Rating **	U	Issue No.	56 (cont)
LM End	2.71	Issue Type +	Ma	Location *	CR

Photo 3 of 3 : SP_2016_RD0536_208_56_20160516_00041.jpg



The crown roadway has some settling issues that can't be viewed due to the tall grasses allowed to grow on the crown.

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

Levee Inspection Report By Mile - Spring 2016

Reclamation District No. 0536 Egbert

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Lindsey Slough	Right	5.58	03/30/2016 03/30/2016	Herman Phillips

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				
Comment Code					
T3 : Trim and thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comment					

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				
Comment Code					
T3 : Trim and thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comment					

No Photos

LM Start	3.12	Rating **	M	Issue No.	37
LM End	3.12	Issue Type +	En	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.255553 °	38.255553 °	
			-121.730922 °	-121.730922 °	
DWR ID	DWR_RD0536_01_s_2016_37				
Comment Code					
TR : Tree or limb					
Inspector Comment					
Remove walnut trees.					

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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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Lindsey Slough	Right	5.58	03/30/2016 03/30/2016	Herman Phillips

LM Start	3.69	Rating **	M	Issue No.	80
LM End	3.69	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.252388 °	38.252388 °
				-121.726437 °	-121.726437 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:41374 DS_ID:24023 EP_NO: N/A 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: 8/13/2013					

Photo 1 of 2 : UCIP_SP_2016_41374_34789.jpg



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

LM Start	3.69	Rating **	M	Issue No.	80 (cont)
LM End	3.69	Issue Type +	En	Location *	WS

Photo 2 of 2 : UCIP_SP_2016_41374_34788.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 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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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Lindsey Slough	Right	5.58	03/30/2016 03/30/2016	Herman Phillips

LM Start	4.55	Rating **	U	Issue No.	44
LM End	4.96	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.249110 °	38.245648 °	
			-121.713052 °	-121.708125 °	
DWR ID	DWR_RD0536_01_s_2016_44				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					
Remove the wild growth from the water side levee slope and toe levee mile 4.55 to 4.96.					

Photo 1 of 1 : SP_2016_RD0536_208_44_20160516_00045.jpg



RD 536 Unit 1 looking downstream from levee mile 4.55-4.96 unwanted tall weeds covering the waterward slope and toe.

LM Start	4.61	Rating **	U	Issue No.	45
LM End	4.96	Issue Type +	Ma	Location *	CR
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.248548 °	38.245648 °	
			-121.712273 °	-121.708125 °	
DWR ID	DWR_RD0536_01_s_2016_45				
Comment Code					
V9 : Keep the crown roadway free of vegetation.					
Inspector Comment					
Remove the unwanted tall weeds from the crown roadway as the crown should be free from vegetation.					

Photo 1 of 1 : SP_2016_RD0536_208_45_20160516_00047.jpg



RD 536 Unit 1 looking downstream from levee miles 4.61 to 4.96 weeds taller than 5-foot growing 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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Levee Inspection Report By Mile - Spring 2016

Reclamation District No. 0536 Egbert

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Lindsey Slough	Right	5.58	03/30/2016 03/30/2016	Herman Phillips

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				
Comment Code					
FE : Fence					
Inspector Comment					
This is not a new 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	DWR_RD0536_01_s_2016_4				
Comment Code					
Inspector Comment					
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 - Spring 2016

Reclamation District No. 0536 Egbert

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Lindsey Slough	Right	5.58	03/30/2016 03/30/2016	Herman Phillips

LM Start	4.96	Rating **	M	Issue No.	73
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					
Comment Code					
Inspector Comment					
FS_ID:20523 DS_ID:22720 EP_NO: 10116 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 (ABO No.10116, 1975). Catwalk and pumphouse on riverside. Originally included in the 1953 O&M manual, Sac 106, May 1953. FS Date: 8/13/2013					

Photo 1 of 2 : UCIP_SP_2016_20523_34605.jpg



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

LM Start	4.96	Rating **	M	Issue No.	73 (cont)
LM End	4.96	Issue Type +	En	Location *	WS

Photo 2 of 2 : UCIP_SP_2016_20523_34604.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 - Spring 2016

Reclamation District No. 0536 Egbert

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Lindsey Slough	Right	5.58	03/30/2016 03/30/2016	Herman Phillips

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	DWR_RD0536_01_s_2016_6				
Comment Code					
Inspector Comment					
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

LM Start	5.10	Rating **	M	Issue No.	71
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					
Comment Code					
Inspector Comment					
FS_ID:20869 DS_ID:24664 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Field discovered pipe crossing.Needs more information from LMA/DWR Inspector. Also needs more detailed inspection. FIELD_STRUCT_DESC: Approximately 6-inch steel pipe and an electric conduit through levee. A slant pump in steel support on channel bank. Gate valve on the pipe. No pipes and appurtenances on landside. Field discovered pipe crossing. FS Date: 8/13/2013					

Photo 1 of 2 : UCIP_SP_2016_20869_35124.jpg



WS view: pipe and pump on channel bank.

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

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2016

Reclamation District No. 0536 Egbert

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Lindsey Slough	Right	5.58	03/30/2016 03/30/2016	Herman Phillips

LM Start	5.10	Rating **	M	Issue No.	71 (cont)
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					
Comment Code					
Inspector Comment					
FS_ID:20869 DS_ID:24664 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Field discovered pipe crossing. Needs more information from LMA/DWR Inspector. Also needs more detailed inspection. FIELD_STRUCT_DESC: Approximately 6-inch steel pipe and an electric conduit through levee. A slant pump in steel support on channel bank. Gate valve on the pipe. No pipes and appurtenances on landside. Field discovered pipe crossing. FS Date: 8/13/2013					

Photo 2 of 2 : UCIP_SP_2016_20869_35123.jpg



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

LM Start	5.10	Rating **	M	Issue No.	74
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					
Comment Code					
Inspector Comment					
FS_ID:20543 DS_ID:22721 EP_NO: 3873 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: 8/13/2013					

Photo 1 of 2 : UCIP_SP_2016_20543_34623.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 - Spring 2016

Reclamation District No. 0536 Egbert

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Lindsey Slough	Right	5.58	03/30/2016 03/30/2016	Herman Phillips

LM Start	5.10	Rating **	M	Issue No.	74 (cont)
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					
Comment Code					
Inspector Comment					
FS_ID:20543 DS_ID:22721 EP_NO: 3873 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: 8/13/2013					

Photo 2 of 2 : UCIP_SP_2016_20543_34622.jpg



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

LM Start	5.12	Rating **	M	Issue No.	75
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					
Comment Code					
Inspector Comment					
FS_ID:20544 DS_ID:24024 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: - field discovered pipe.- seems abandoned pipe. Needs proper abandonment. FIELD_STRUCT_DESC: An abandoned 6-inch galvanized iron pipe on top of concrete pad and through levee. Details not available. FS Date: 8/13/2013					

Photo 1 of 2 : UCIP_SP_2016_20544_34625.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 - Spring 2016

Reclamation District No. 0536 Egbert

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Lindsey Slough	Right	5.58	03/30/2016 03/30/2016	Herman Phillips

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				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					
District need to remove the wild growth from the waterward levee slope and shoulder.					

Photo 1 of 1 : SP_2016_RD0536_208_70_20160223_00012.jpg



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

LM Start	5.49	Rating **	M	Issue No.	76
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					
Comment Code					
Inspector Comment					
FS_ID:20563 DS_ID:22722 EP_NO: 7208 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: 8/13/2013					

Photo 1 of 2 : UCIP_SP_2016_20563_34646.jpg



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

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

Levee Inspection Report By Mile - Spring 2016

Reclamation District No. 0536 Egbert

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Lindsey Slough	Right	5.58	03/30/2016 03/30/2016	Herman Phillips

LM Start	5.49	Rating **	M	Issue No.	76 (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					
Comment Code					
Inspector Comment					
FS_ID:20563 DS_ID:22722 EP_NO: 7208 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: 8/13/2013					

Photo 2 of 2 : UCIP_SP_2016_20563_34645.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

Spring 2016 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)				
Date of Inspection	3/30/2016 - 3/30/2016			
DWR Inspector	Herman Phillips			
Accompanied By	Dave Hern			

Summer & Winter Inspections

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

DWR must be informed on the:

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

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

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

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

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

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

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2016

Reclamation District No. 0536 Egbert

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Right	5.01	03/30/2016 03/30/2016	Herman Phillips

LM Start	0.09	Rating **	U	Issue No.	5
LM End	0.13	Issue Type +	En	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				
Comment Code					
EQ : Equipment					
Inspector Comment					
Unauthorized encroachment within the 10-foot easement of the landside levee section.					

Photo 1 of 2 : SP_2016_RD0536_209_5_20160516_00018.jpg



RD 536 Unit 2 levee mile 0.09-0.13 landside toe, equipment placed within 10-foot easement.

LM Start	0.09	Rating **	U	Issue No.	5 (cont)
LM End	0.13	Issue Type +	En	Location *	LS

Photo 2 of 2 : SP_2016_RD0536_209_5_20160516_00019.jpg



RD 536 Unit 2 levee mile 0.09- 0.13 another photo of the unauthorized encroachment placed within the 10-foot easement of the landside slope.

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				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
Control the wild weeds on the waterside levee slope.					

No Photos

* 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 - Spring 2016

Reclamation District No. 0536 Egbert

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Right	5.01	03/30/2016 03/30/2016	Herman Phillips

LM Start	0.11	Rating **	U	Issue No.	8
LM End	4.48	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.244040°	38.197090°	
			-121.696950°	-121.701027°	
DWR ID	DWR_RD0536_02_s_2016_8				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
Control the tall weeds on the landside levee slope and toe, there haven't been any maintenance done on this section of levee.					

Photo 1 of 1 : SP_2016_RD0536_209_8_20160516_00017.jpg



RD 536 Unit 2 looking downstream from levee mile 0.11 to 4.48 tall weeds completely covering the landside levee slope.

LM Start	0.11	Rating **	U	Issue No.	15
LM End	2.17	Issue Type +	Ma	Location *	CR
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.243965°	38.214507°	
			-121.696933°	-121.693970°	
DWR ID	DWR_RD0536_02_f_2015_15				
Comment Code					
V9 : Keep the crown roadway free of vegetation.					
Inspector Comment					
The crown roadway should be free from vegetation at all times.					

Photo 1 of 1 : SP_2016_RD0536_209_15_20160516_00020.jpg



RD 536 Unit 2 levee mile 0.11 - 0.86 crown roadway overgrown with tall weeds.

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

Levee Inspection Report By Mile - Spring 2016

Reclamation District No. 0536 Egbert

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Right	5.01	03/30/2016 03/30/2016	Herman Phillips

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				
Comment Code					
C3 : Add appropriate gravel or road base. Grade and compact.					
Inspector Comment					
Add appropriate gravel or road base					

No Photos

LM Start	1.47	Rating **	M	Issue No.	18
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					
Comment Code					
Inspector Comment					
FS_ID:20664 DS_ID:22732 EP_NO: 17829 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: 8/13/2013					

Photo 1 of 2 : UCIP_SP_2016_20664_34746.jpg



WS view: overview of levee slope and gasoline 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 - Spring 2016

Reclamation District No. 0536 Egbert

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Right	5.01	03/30/2016 03/30/2016	Herman Phillips

LM Start	1.47	Rating **	M	Issue No.	18 (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					
Comment Code					
Inspector Comment					
FS_ID:20664 DS_ID:22732 EP_NO: 17829 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: 8/13/2013					

Photo 2 of 2 : UCIP_SP_2016_20664_34745.jpg



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

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				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					
Remove the dead weeds from the waterward levee section.					

Photo 1 of 1 : SP_2016_RD0536_209_2_20160223_00001.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 - Spring 2016

Reclamation District No. 0536 Egbert

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Right	5.01	03/30/2016 03/30/2016	Herman Phillips

LM Start	2.50	Rating **	M	Issue No.	17
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					
Comment Code					
Inspector Comment					
FS_ID:20647 DS_ID:24025 EP_NO: N/A 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: 8/13/2013					

Photo 1 of 2 : UCIP_SP_2016_20647_34731.jpg



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

LM Start	2.50	Rating **	M	Issue No.	17 (cont)
LM End	2.50	Issue Type +	En	Location *	WS

Photo 2 of 2 : UCIP_SP_2016_20647_34730.jpg



WS view: closer view 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 - Spring 2016

Reclamation District No. 0536 Egbert

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Right	5.01	03/30/2016 03/30/2016	Herman Phillips

LM Start	2.61	Rating **	U	Issue No.	13
LM End	4.38	Issue Type +	Ma	Location *	CR
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.208542 °	38.196558 °	
			-121.690903 °	-121.699284 °	
DWR ID	DWR_RD0536_02_s_2016_13				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
Mow and spray the crown roadway to keep it free of vegetation.					

Photo 1 of 1 : SP_2016_RD0536_209_13_20160516_00021.jpg



RD 536 Unit 2 looking downstream from levee mile 2.61 - 3.60 crown roadway.

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				
Comment Code					
E2 : Schedule repair of erosion site prior to the next inspection.					
Inspector Comment					

No Photos

* 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 - Spring 2016

Reclamation District No. 0536 Egbert

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Right	5.01	03/30/2016 03/30/2016	Herman Phillips

LM Start	4.14	Rating **	M	Issue No.	19
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					
Comment Code					
Inspector Comment					
FS_ID:41845 DS_ID:22731 EP_NO: 1217 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: 8/13/2013					

Photo 1 of 2 : UCIP_SP_2016_41845_34765.jpg



WS view: gasline indicator across the channel.

LM Start	4.14	Rating **	M	Issue No.	19 (cont)
LM End	4.14	Issue Type +	En	Location *	WS

Photo 2 of 2 : UCIP_SP_2016_41845_34764.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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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2016

Reclamation District No. 0536 Egbert

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Right	5.01	03/30/2016 03/30/2016	Herman Phillips

LM Start	4.36	Rating **	M	Issue No.	20
LM End	4.36	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					
Comment Code					
Inspector Comment					
FS_ID:46813 DS_ID:22735 EP_NO: N/A 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: 8/13/2013					

Photo 1 of 2 : UCIP_SP_2016_46813_34768.jpg



WS view: steel standpipe on levee slope.

LM Start	4.36	Rating **	M	Issue No.	20 (cont)
LM End	4.36	Issue Type +	En	Location *	WS

Photo 2 of 2 : UCIP_SP_2016_46813_34767.jpg



LS view: steel standpipe 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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