

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2015

Reclamation District No. 0536 Egbert

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Lindsey Slough	Right	5.58	04/23/2015 04/23/2015	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			o	o
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			o	o
DWR ID	DWR_RD0536_01_s_2012_39				
Action/Comments					
Inspector Comments: The 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				
Action/Comments					
Inspector Comments: The district should keep a supply of flood fight 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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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Lindsey Slough	Right	5.58	04/23/2015 04/23/2015	Herman Phillips

LM Start	0.93	Rating **	M	Issue No.	27
LM End	4.29	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.250750 °	38.248661 °	
			-121.749210 °	-121.717443 °	
DWR ID	DWR_RD0536_01_s_2012_27				
Action/Comments					
Remove the wild growth other than native grasses from the levee slopes. Inspector Comments: Control the wild growth of weeds on the levee shoulder and slope.					

Photo 1 of 1 : SP_2015_RD0536_208_27_20150601_00027.jpg



Looking downstream waterside slope.

LM Start	1.10	Rating **	M	Issue No.	25
LM End	1.10	Issue Type +	Ma	Location *	CR
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Repair Gates		38.255455 °	38.255455 °	
			-121.757587 °	-121.757587 °	
DWR ID	DWR_RD0536_01_s_2014_25				
Action/Comments					
Inspector Comments: This gate looks like its been run over, the bottom hinge is broken thus making the gate hard to open and close properly.					

Photo 1 of 1 : SP_2015_RD0536_208_25_20150312_00003.jpg



This gate needs to be replaced.

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

* 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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Unit No. 01 Lindsey Slough	Right	5.58	04/23/2015 04/23/2015	Herman Phillips

LM Start	2.05	Rating **	M	Issue No.	59
LM End	2.05	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Trim / Thin Trees		38.257917 °	38.257917 °	
			-121.746789 °	-121.746789 °	
DWR ID	DWR_RD0536_01_s_2014_59				
Action/Comments					
Trim and thin trees to allow visibility of the ground and room to flood fight.					

No Photos

LM Start	2.14	Rating **	M	Issue No.	53
LM End	2.14	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Trim / Thin Trees		38.257972 °	38.257972 °	
			-121.745090 °	-121.745090 °	
DWR ID	DWR_RD0536_01_f_2014_53				
Action/Comments					
Trim trees to at least five feet above ground level.					

No Photos

LM Start	2.15	Rating **	M	Issue No.	60
LM End	2.15	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Trim / Thin Trees		38.257966 °	38.257966 °	
			-121.744912 °	-121.744912 °	
DWR ID	DWR_RD0536_01_s_2014_60				
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	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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Unit No. 01 Lindsey Slough	Right	5.58	04/23/2015 04/23/2015	Herman Phillips

LM Start	2.21	Rating **	M	Issue No.	73
LM End	2.60	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.258140 °	38.256365 °	
			-121.743848 °	-121.738612 °	
DWR ID	DWR_RD0536_01_s_2015_73				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements.					

No Photos

LM Start	2.31	Rating **	M	Issue No.	54
LM End	2.31	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Trim / Thin Trees		38.258553 °	38.258553 °	
			-121.742088 °	-121.742088 °	
DWR ID	DWR_RD0536_01_f_2013_54				
Action/Comments					
Trim trees to at least five feet above ground level.					

No Photos

LM Start	2.38	Rating **	M	Issue No.	30
LM End	2.38	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Trim / Thin Trees		38.258542 °	38.258542 °	
			-121.740832 °	-121.740832 °	
DWR ID	DWR_RD0536_01_s_2015_30				
Action/Comments					
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	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	04/23/2015 04/23/2015	Herman Phillips

LM Start	2.56	Rating **	M	Issue No.	31
LM End	2.68	Issue Type +	Ma	Location *	CR
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Crown Surface / Depressions / Rutting		38.256964 °	38.255321 °	
			-121.738473 °	-121.738085 °	
DWR ID	DWR_RD0536_01_f_2012_31				
Action/Comments					
Add appropriate gravel or road base. Grade and compact.					

No Photos

LM Start	2.68	Rating **	M	Issue No.	18
LM End	3.20	Issue Type +	Ma	Location *	CR
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Cracking		38.255315 °	38.256003 °	
			-121.738007 °	-121.729599 °	
DWR ID	DWR_RD0536_01_s_2012_18				
Action/Comments					
Monitor and have inspected by geotechnical engineer.					

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 with settlement.					

Photo 1 of 2 : SP_2015_RD0536_208_56_20150312_00012.jpg



Looking back upstream waterward at the levee crown roadway stability issues.

* 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	

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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Lindsey Slough	Right	5.58	04/23/2015 04/23/2015	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 with settlement.					

Photo 2 of 2 : SP_2015_RD0536_208_56_20150601_00029.jpg



Some settlement issues can't currently be seen due to the vegetation.

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	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	04/23/2015 04/23/2015	Herman Phillips

LM Start	3.36	Rating **	U	Issue No.	78
LM End	4.37	Issue Type +	Ma	Location *	CR
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.256685 °	38.248572 °	
			-121.726917 °	-121.716158 °	
DWR ID	DWR_RD0536_01_s_2015_78				
Action/Comments					
Keep the crown roadway free of vegetation. Inspector Comments: Remove the unsatisfactory tall weeds from the levee section.					

Photo 1 of 1 : SP_2015_RD0536_208_78_20150601_00030.jpg



Unacceptable wild growth on the crown roadway and both slopes.

LM Start	3.67	Rating **	M	Issue No.	36
LM End	3.67	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Repair Gates		38.252578 °	38.252578 °	
			-121.726439 °	-121.726439 °	
DWR ID	DWR_RD0536_01_s_2012_36				
Action/Comments					
Inspector Comments: This gate need to be repaired.					

Photo 1 of 1 : SP_2015_RD0536_208_36_20150312_00004.jpg



Repair this gate. Someone could get hurt trying to open and close this gate.

LM Start	4.45	Rating **	M	Issue No.	81
LM End	5.59	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.249068 °	38.245413 °	
			-121.714838 °	-121.697310 °	
DWR ID	DWR_RD0536_01_s_2015_81				
Action/Comments					
Remove the wild growth other than native grasses from the levee slopes.					

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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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Lindsey Slough	Right	5.58	04/23/2015 04/23/2015	Herman Phillips

LM Start	4.94	Rating **	M	Issue No.	16
LM End	4.95	Issue Type +	Ma	Location *	WS
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	USACE Erosion Survey		38.245581 °	38.245667 °	
			-121.708605 °	-121.708327 °	
DWR ID	DWR_RD0536_01_f_2014_16				
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. 2013: Site is part of the extended inventory, last inspected 2011. [2013 Site ID: LDS_0-8_R]					

No Photos

LM Start	5.00	Rating **	M	Issue No.	15
LM End	5.05	Issue Type +	Ma	Location *	WS
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	USACE Erosion Survey		38.245981 °	38.246326 °	
			-121.707609 °	-121.706737 °	
DWR ID	DWR_RD0536_01_f_2014_15				
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. 2013: Site is part of the extended inventory, last inspected 2011. [2013 Site ID: LDS_0-7_R]					

No Photos

LM Start	5.46	Rating **	U	Issue No.	70
LM End	5.58	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.245608 °	38.245610 °	
			-121.699768 °	-121.697493 °	
DWR ID	DWR_RD0536_01_f_2014_70				
Action/Comments					
Remove the wild growth other than native grasses from the levee slopes. Inspector Comments: The district needs to remove the wild growth from the waterward levee slope and shoulder.					

Photo 1 of 1 : SP_2015_RD0536_208_70_20150601_00031.jpg



Unacceptable woody tree growth 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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Reclamation District No. 0536 Egbert

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Right	5.01	04/23/2015 04/23/2015	Herman Phillips

LM Start	0.08	Rating **	U	Issue No.	11
LM End	1.47	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.244368 °	38.224382 °	
			-121.697055 °	-121.697050 °	
DWR ID	DWR_RD0536_02_s_2015_11				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements.					

Photo 1 of 1 : SP_2015_RD0536_209_11_20150601_00010.jpg



View looking downstream from landside shoulder.

LM Start	0.08	Rating **	U	Issue No.	15
LM End	1.47	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.244368 °	38.224382 °	
			-121.697055 °	-121.697050 °	
DWR ID	DWR_RD0536_02_s_2015_15				
Action/Comments					
Remove the wild growth other than native grasses from the levee slopes. Inspector Comments: Remove the unacceptable tall weeds from the levee section waterside.					

Photo 1 of 1 : SP_2015_RD0536_209_15_20150601_00011.jpg



RD 536 Looking downstream from waterside shoulder.

LM Start	0.10	Rating **	U	Issue No.	18
LM End	0.99	Issue Type +	Ma	Location *	CR
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.244158 °	°	
			-121.696970 °	°	
DWR ID	DWR_RD0536_02_s_2015_18				
Action/Comments					
Keep the crown roadway free of vegetation. Inspector Comments: The crown roadway completely blocked with unacceptable weeds.					

Photo 1 of 1 : SP_2015_RD0536_209_18_20150601_00012.jpg



Looking downstream at the crown roadway.

* 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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Waterway			Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass			Right	5.01	04/23/2015 04/23/2015	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				
Action/Comments					
Add appropriate gravel or road base. Grade and compact.					

No Photos

LM Start	1.16	Rating **	M	Issue No.	2
LM End	1.22	Issue Type +	Ma	Location *	CR
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Crown Surface / Depressions / Rutting		38.228881 °	38.227928 °	
			-121.697754 °	-121.697621 °	
DWR ID	DWR_RD0536_02_s_2012_2				
Action/Comments					
Repair depressions or ruts in the crown or slope.					

No Photos

LM Start	2.02	Rating **	M	Issue No.	22
LM End	2.02	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.216533 °	38.216533 °	
			-121.694772 °	-121.694772 °	
DWR ID	DWR_RD0536_02_s_2015_22				
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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Unit No. 02 Yolo Bypass	Right	5.01	04/23/2015 04/23/2015	Herman Phillips

LM Start	2.59	Rating **	C	Issue No.	12
LM End	4.38	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.208848 °	38.196775 °
				-121.691115 °	-121.699223 °
DWR ID	DWR_RD0536_02_f_2014_12				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements. Inspector Comments: Dead weeds present on the landward slope need to be removed.					

No Photos

LM Start	2.59	Rating **	C	Issue No.	13
LM End	4.38	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.208848 °	38.196775 °
				-121.691115 °	-121.699223 °
DWR ID	DWR_RD0536_02_f_2014_13				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements. Inspector Comments: Control the tall weeds from the levee section waterward.					

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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