

**Flood Control Project Maintenance
Levee Inspections**

Fall 2010 Levee Maintenance Deficiency Summary Report

Overall LMA & Unit Ratings, including USACE Erosion Survey

Sacramento River Basin

RD0536		Overall LMA Rating	Total LMA Miles				
Reclamation District No. 0536 Egbert		U	10.63				
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	Encroachments		
					PO Miles	CO Miles	
Vegetation	1.03		1.03	9.69%			
Encroachments	0.05		0.05	0.47%			
Erosion / Bank Caving	0.01		0.01	0.09%			
Crown Surface / Depressions / Rutting	2.38		2.38	22.39%			
<i>LMA Totals:</i>	3.47	0.00	3.47	32.64%	0.00	0.00	

Unit No. 01 Lindsey Slough		Overall Unit Rating	Total Unit Miles				
		M	5.66				
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	Encroachments		
					PO Miles	CO Miles	
Vegetation	0.36		0.36	6.36%			
Crown Surface / Depressions / Rutting	0.33		0.33	5.83%			
<i>Unit Totals:</i>	0.69	0.00	0.69	12.19%	0.00	0.00	

Unit No. 02 Yolo Bypass		Overall Unit Rating	Total Unit Miles				
		U	4.97				
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	Encroachments		
					PO Miles	CO Miles	
Vegetation	0.67		0.67	13.48%			
Encroachments	0.05		0.05	1.01%			
Erosion / Bank Caving	0.01		0.01	0.20%			
Crown Surface / Depressions / Rutting	2.05		2.05	41.25%			
<i>Unit Totals:</i>	2.78	0.00	2.78	55.94%	0.00	0.00	

**Flood Control Project Maintenance
Levee Inspections
LMA District Cover Sheet
Fall 2010 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.

Comments

**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Fall 2010 Levee Inspection Results

Reclamation District No. 0536 Egbert

Waterway	Bank	Unit Miles
Unit No. 01 Lindsey Slough	Right	5.66

	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			M	
Date of Inspection	3/16/2010		9/23/2010	
DWR Inspector	Herman Phillips		Herman Phillips	
Accompanied By	Mr. Page Baldwin Reclamation 536		Mr. Page Baldwin Reclamation 536	
	Mike Moncrief MBK Engineering		Mike Moncrief MBK Engineering	
			None None	

Check one:

- During the current winter (or summer) inspection period, my staff or I have inspected the levee and associated flood project components identified in the attached Levee Inspection Report by Mile. We have found no changes in flood project conditions other than the results of our normal maintenance and the corrections we have made to maintenance deficiencies identified in the enclosed report.
- During the current winter (or summer) inspection period, my staff or I have inspected the levee and associated flood project components identified in the attached Levee Inspection Report by Mile. In addition to the results of our normal maintenance and the corrections we have made to maintenance deficiencies identified in the report, we have found the following changes in flood project conditions.

(In the comment section below or on additional sheet(s), identify change of condition by: Start to End Levee Mile or GPS coordinates, location (Land Side, Water Side, or Crown), Item identification, and description of the current condition).

Comments

One of the boxes above is to be checked by the Local Maintaining Agency (LMA). If the second box is checked, additional information must also be submitted. This Unit Cover Sheet should be signed and dated by the LMA Representative and returned to DWR with any additional sheets by September 30 (Summer Inspection) or March 31 (Winter Inspection). Please retain a copy for your records. Please mail all of this information to :
 DWR Summer/Winter Inspection Reports
 3310 El Camino Avenue, Room LL-30
 Sacramento, CA 95821-9000

X _____ Date

Signature of LMA Representative

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2010

Reclamation District No. 0536 Egbert

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Lindsey Slough	Right	5.66	11/10/2010 11/10/2010	Herman Phillips

LMR No.	Levee Mile		Category	Item	* Location	** Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
1	0.59	2.95	Earthen Levee	Vegetation	CR	C	Remove the wild growth other than native grasses from the levee slopes. Inspector Comments: This section was corrected from 1.76 thru to 2.95.	38.248757 ° -121.760635 °	38.255895 ° -121.733525 °	2
2	0.64	0.64	Earthen Levee	Vegetation	LS	M	Remove the wild growth other than native grasses from the levee slopes.	38.249170 ° -121.760185 °	38.249170 ° -121.760185 °	6 Y
3	4.19	4.26	Earthen Levee	Vegetation	WS	M	Remove the wild growth other than native grasses from the levee slopes. Inspector Comments: This levee section has problems with not only veg on crown road way but there are cattle that has caused some damage to the crown. 5-6-2010 DURING THIS INSPECTION, I see that the District has mowed a section of levee.	38.249522 ° -121.718727 °	38.248725 ° -121.717858 °	21 Y
4	4.61	4.65	Earthen Levee	Vegetation	WS	M	Remove the wild growth other than native grasses from the levee slopes.	38.248395 ° -121.712172 °	38.248018 ° -121.711890 °	23
5	4.62	4.64	Earthen Levee	Vegetation	WS	M	Remove the wild growth other than native grasses from the levee slopes.	38.248317 ° -121.712075 °	38.248118 ° -121.711935 °	13
6	4.62	4.62	Earthen Levee	Crown Surface / Depressions / Rutting	CR	M	Add appropriate gravel or road base. Grade and compact.	38.248402 ° -121.712188 °	38.248402 ° -121.712188 °	1
7	4.65	4.80	Earthen Levee	Vegetation	WS	M	Remove the wild growth other than native grasses from the levee slopes.	38.248018 ° -121.711887 °	38.246072 ° -121.710687 °	24
8	4.65	4.96	Earthen Levee	Crown Surface / Depressions / Rutting	CR	M	Keep the crown roadway free of vegetation.	38.248025 ° -121.711937 °	38.245475 ° -121.708248 °	3
9	4.82	4.82	Earthen Levee	Crown Surface / Depressions / Rutting	CR	M	Regrade the crown roadway for proper drainage.	38.248375 ° -121.712188 °	38.248375 ° -121.712188 °	8 Y
10	4.86	4.94	Earthen Levee	Vegetation	LS	C	Remove the wild growth other than native grasses from the levee slopes.	38.245508 ° -121.709817 °	38.245600 ° -121.708292 °	25
11	4.90	4.94	Earthen Levee	Vegetation	WS	M	Remove the wild growth other than native grasses from the levee slopes.	38.245427 ° -121.708922 °	38.245597 ° -121.708290 °	26
12	5.17	5.27	Earthen Levee	Trim / Thin Trees	LS	C	Trim trees to at least five feet above ground level.	38.245123 ° -121.704722 °	38.245422 ° -121.703208 °	4
13	5.39	5.42	Earthen Levee	Vegetation	LS	M	Remove the wild growth other than native grasses from the levee slopes.	38.245602 ° -121.702037 °	38.245628 ° -121.700970 °	5

* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	PO : Partially Obstructing CO : Completely Obstructing N : Not Inspected/Rated	C : Corrected W : Watch/Monitor
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2010

Reclamation District No. 0536 Egbert

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Lindsey Slough	Right	5.66	11/10/2010 11/10/2010	Herman Phillips

Levee Mile Report Line	2
Start Levee Mile	0.64
End Levee Mile	0.64
Location	Land Side
Category	Earthen Levee
Item	Vegetation
View of levee section Unit 1 RD 536 looking downstream, grasses cover the crown and both levee slopes land side and waterside levee mile 0.64. Photo taken 11-10-2010	
phillips_f_20101206_373.jpg	



Levee Mile Report Line	2
Start Levee Mile	0.64
End Levee Mile	0.64
Location	Land Side
Category	Earthen Levee
Item	Vegetation
View of levee section RD 536 Unit 1 looking upstream from levee mile 0.64 waterside. Photo taken 11-20-2010	
phillips_f_20101206_374.jpg	



Levee Mile Report Line	3
Start Levee Mile	4.19
End Levee Mile	4.26
Location	Water Side
Category	Earthen Levee
Item	Vegetation
Looking upstream from levee mile 4.21.	
phillips_f_20100923_219.jpg	



<p>* Location</p> <p>LS : Land Side WS : Water Side CR : Crown</p>	<p>** Rating</p> <p>A : Acceptable M : Minimally Acceptable U : Unacceptable</p>	<p>PO : Partially Obstructing CO : Completely Obstructing N : Not Inspected/Rated</p>	<p>C : Corrected W : Watch/Monitor</p>
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2010

Reclamation District No. 0536 Egbert

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Lindsey Slough	Right	5.66	11/10/2010 11/10/2010	Herman Phillips

Levee Mile Report Line	3
Start Levee Mile	4.19
End Levee Mile	4.26
Location	Water Side
Category	Earthen Levee
Item	Vegetation
Looking downstream from levee mile 4.21	
phillips_f_20100923_220.jpg	



Levee Mile Report Line	9
Start Levee Mile	4.82
End Levee Mile	4.82
Location	Crown
Category	Earthen Levee
Item	Crown Surface / Depressions / Rutting
There is a big hole in the levee waterward. 38.248375 to -121.712188 the levee has wild growth on both slopes.	
phillips_f_20100923_218.jpg	



<p>* Location</p> <p>LS : Land Side WS : Water Side CR : Crown</p>	<p>** Rating</p> <p>A : Acceptable PO : Partially Obstructing C : Corrected M : Minimally Acceptable CO : Completely Obstructing W : Watch/Monitor U : Unacceptable N : Not Inspected/Rated</p>
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**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Fall 2010 Levee Inspection Results

Reclamation District No. 0536 Egbert

Waterway	Bank	Unit Miles
Unit No. 02 Yolo Bypass	Right	4.97

	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			U	
Date of Inspection	3/16/2010		9/23/2010	
DWR Inspector	Herman Phillips		Herman Phillips	
Accompanied By	Mr. Page Baldwin		Mr. Page Baldwin	
			None None	

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DWR Summer/Winter Inspection Reports
3310 El Camino Avenue, Room LL-30
Sacramento, CA 95821-9000

X _____
Signature of LMA Representative Date

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2010

Reclamation District No. 0536 Egbert

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Right	4.97	11/10/2010 11/10/2010	Herman Phillips

LMR No.	Levee Mile		Category	Item	* Location	** Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
1	0.00	0.00	Earthen Levee	Vegetation	LS	M	Remove the wild growth other than native grasses from the levee slopes.	°	°	6 Y
2	0.01	0.06	Earthen Levee	Encroachments	LS	M	Equipment	38.244240 ° -121.696830 °	38.243630 ° -121.696470 °	5 Y
3	0.04	2.09	Earthen Levee	Crown Surface / Depressions / Rutting	CR	M	Regrade the crown roadway for proper drainage.	38.243813 ° -121.696933 °	38.214528 ° -121.693788 °	1
4	0.04	4.33	Earthen Levee	Vegetation	CR	C	Remove the wild growth other than native grasses from the levee slopes.	38.243998 ° -121.696947 °	38.196558 ° -121.699207 °	12
5	0.05	2.58	Earthen Levee	Vegetation	WS	C	Remove the wild growth other than native grasses from the levee slopes.	38.243623 ° -121.696702 °	38.207985 ° -121.690552 °	13
6	0.10	4.33	Earthen Levee	Vegetation	LS	C	Remove the wild growth other than native grasses from the levee slopes.	38.243048 ° -121.697008 °	38.196562 ° -121.699207 °	2
7	0.10	0.76	Earthen Levee	Vegetation	CR	M	Remove the wild growth other than native grasses from the levee slopes.	38.243047 ° -121.697008 °	38.233617 ° -121.697980 °	4
8	0.10	4.33	Earthen Levee	Vegetation	WS	C	Remove the wild growth other than native grasses from the levee slopes.	38.243047 ° -121.697008 °	38.196560 ° -121.699207 °	3
9	3.69	3.70	Earthen Levee	Erosion / Bank Caving	WS	M	Schedule repair of erosion site prior to the next inspection.	38.196982 ° -121.688350 °	38.196850 ° -121.688542 °	10

* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable PO : Partially Obstructing CO : Completely Obstructing N : Not Inspected/Rated C : Corrected W : Watch/Monitor
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**Flood Control Project Maintenance
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Levee Inspection Report By Mile - Fall 2010

Reclamation District No. 0536 Egbert

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Right	4.97	11/10/2010 11/10/2010	Herman Phillips

Levee Mile Report Line	1
Start Levee Mile	0.00
End Levee Mile	0.00
Location	Land Side
Category	Earthen Levee
Item	Vegetation
View of land side RD 536 Unit 2 looking downstream from levee miile 0.00 Photo taken 11-10-2010	
phillips_f_20101206_376.jpg	



Levee Mile Report Line	1
Start Levee Mile	0.00
End Levee Mile	0.00
Location	Land Side
Category	Earthen Levee
Item	Vegetation
View of levee section looking downstream from levee mile 0.00 waterside RD 536 Photo taken 10-20-2010.	
phillips_f_20101206_377.jpg	



Levee Mile Report Line	2
Start Levee Mile	0.01
End Levee Mile	0.06
Location	Land Side
Category	Earthen Levee
Item	Encroachments
View of unauthorized encroachment levee miles 0.01-0.06 land side of RD 536 Unit 2. Farmer has stored equipment, materials and vehicle within 10-foot of landward toe. Photo taken 11-10-2010	
phillips_f_20101206_375.jpg	



* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	PO : Partially Obstructing CO : Completely Obstructing N : Not Inspected/Rated	C : Corrected W : Watch/Monitor
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