

**Flood Control Project Maintenance  
Levee Inspections**

**Fall 2011 Levee Maintenance Deficiency Summary Report**

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

**Sacramento River Basin**

<b>RD0563</b>		Overall LMA Rating	Total LMA Miles				
<b>Reclamation District No. 0563 Tyler Island</b>		<b>U</b>	<b>12.38</b>				
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	Encroachments		
					PO Miles	CO Miles	
<i>Earthen Levee</i>							
Vegetation	0.43	0.25	1.43	11.55%			
Trim / Thin Trees	0.22	0.04	0.38	3.07%			
Encroachments	0.25	0.01	0.29	2.34%	0.03	0.15	
Animal Control	0.05	0.04	0.21	1.70%			
Slope Stability	0.02	0.01	0.06	0.48%			
<i>Supplemental</i>							
USACE Erosion Survey	2.26	1.37	7.74	62.52%			
<b>LMA Totals:</b>	<b>3.23</b>	<b>1.72</b>	<b>10.11</b>	<b>81.66%</b>	<b>0.03</b>	<b>0.15</b>	

**Flood Control Project Maintenance  
Levee Inspections  
LMA District Cover Sheet  
Fall 2011 Levee Inspection Results**

**Reclamation District No. 0563 Tyler Island**

	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 2011 Levee Inspection Results**

**Reclamation District No. 0563 Tyler Island**

Waterway	Bank	Unit Miles
Unit No. 01 Georgiana Slough (Tyler Island)	Left	12.38

	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			<b>U</b>	
Date of Inspection	3/22/2011 - 3/28/2011		10/4/2011 - 10/4/2011	
DWR Inspector	Richard Willoughby		Richard Willoughby	
Accompanied By	Steve Mello RD 563		Steve Mello RD 563	

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, Suite 200  
Sacramento, CA 95821-9000


**X** \_\_\_\_\_ Date

Signature of LMA Representative

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2011**

**Reclamation District No. 0563 Tyler Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough (Tyler Island)	Left	12.38	10/04/2011 10/04/2011	Richard Willoughby

LMIR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
1	0.10	0.11	Earthen Levee	Trim / Thin Trees	LS	W	Trim trees to at least five feet above ground level.	38.234323 ° -121.518200 °	38.234216 ° -121.518324 °	1
2	0.13	0.13	Earthen Levee	Trim / Thin Trees	WS	M	Trim trees to at least five feet above ground level.	38.234018 ° -121.518547 °	38.234018 ° -121.518547 °	4 Y
3	0.14	0.14	Earthen Levee	Trim / Thin Trees	LS	M	Trim trees to at least five feet above ground level.	38.233910 ° -121.518722 °	38.233910 ° -121.518722 °	28
4	0.19	0.19	Earthen Levee	Encroachments	WS	M	Tree or limb	38.233315 ° -121.519360 °	38.233315 ° -121.519360 °	32 Y
5	0.21	0.21	Earthen Levee	Trim / Thin Trees	WS	W	Trim trees to at least five feet above ground level.	38.233126 ° -121.519525 °	38.233126 ° -121.519525 °	2
6	0.23	0.23	Earthen Levee	Trim / Thin Trees	LS	M	Trim trees to at least five feet above ground level.	38.232967 ° -121.519727 °	38.232967 ° -121.519727 °	18 Y
7	0.68	0.71	Earthen Levee	Encroachments	LS	CO	Landscaping	38.228033 ° -121.525268 °	38.227777 ° -121.525627 °	50 Y
8	0.80	0.80	Earthen Levee	Trim / Thin Trees	WS	M	Trim trees to at least five feet above ground level.	38.226370 ° -121.525912 °	38.226370 ° -121.525912 °	3 Y
9	0.86	0.86	Earthen Levee	Trim / Thin Trees	LS	M	Trim trees to at least five feet above ground level.	38.225685 ° -121.526288 °	38.225685 ° -121.526288 °	9
10	0.95	0.95	Earthen Levee	Encroachments	CR	PO	Fences Inspector Comments: New gate across levee crown	38.225575 ° -121.527815 °	38.225575 ° -121.527815 °	13
11	0.98	0.98	Earthen Levee	Encroachments	CR	M	Pipe Inspector Comments: Abandoned pipe should be removed.	38.225813 ° -121.528198 °	38.225813 ° -121.528198 °	937 Y
12	1.06	1.06	Earthen Levee	Encroachments	WS	M	Tree or limb Inspector Comments: Down tree on waterside slope should be removed.	38.226468 ° -121.529455 °	38.226468 ° -121.529455 °	75 Y
13	1.10	1.13	Supplemental Survey	USACE Erosion Survey	WS	M	Inspector Comments: 2011: Short sections of eroding bank at the waterline and holes in toe of levee. [2011 Site ID: GEO_11-0_L]	38.226946 ° -121.530010 °	38.227157 ° -121.530432 °	38 Y
14	1.15	1.15	Earthen Levee	Encroachments	LS	PO	Landscaping	38.227037 ° -121.530850 °	38.227037 ° -121.530850 °	54
15	1.21	1.21	Earthen Levee	Encroachments	WS	M	Tree or limb	38.226750 ° -121.531744 °	38.226750 ° -121.531744 °	938
16	1.25	1.25	Earthen Levee	Trim / Thin Trees	LS	M	Trim trees to at least five feet above ground level.	38.226326 ° -121.532298 °	38.226326 ° -121.532298 °	5
17	1.25	1.25	Earthen Levee	Encroachments	LS	PO	Buildings	38.226345 ° -121.532332 °	38.226345 ° -121.532332 °	57 Y

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

**Levee Inspection Report By Mile - Fall 2011**

**Reclamation District No. 0563 Tyler Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough (Tyler Island)	Left	12.38	10/04/2011 10/04/2011	Richard Willoughby

LMIR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
18	1.38	1.38	Earthen Levee	Trim / Thin Trees	LS	W	Trim trees to at least five feet above ground level.	38.224793 ° -121.533599 °	38.224793 ° -121.533599 °	7
19	1.42	1.42	Earthen Levee	Encroachments	WS	M	Tree or limb Inspector Comments: Down tree along waterside slope.	38.224367 ° -121.534165 °	38.224367 ° -121.534165 °	19 Y
20	1.44	1.48	Earthen Levee	Vegetation	WS	M	Remove the wild growth other than native grasses from the levee slopes. Inspector Comments: Remove century plant from waterward shoulder.	38.224280 ° -121.534377 °	38.224000 ° -121.535038 °	6 Y
21	1.45	1.45	Earthen Levee	Encroachments	WS	C	Tree or limb Inspector Comments: Down tree across waterside slope.	38.224147 ° -121.534610 °	38.224147 ° -121.534610 °	24
22	1.46	1.46	Earthen Levee	Encroachments	WS	C	Tree or limb Inspector Comments: Tree limb down.	38.224092 ° -121.534717 °	38.224092 ° -121.534717 °	8
23	1.47	1.47	Earthen Levee	Trim / Thin Trees	LS	M	Trim trees to at least five feet above ground level.	38.224072 ° -121.534827 °	38.224072 ° -121.534827 °	30
24	1.54	1.54	Earthen Levee	Trim / Thin Trees	LS	W	Trim trees to at least five feet above ground level.	38.223700 ° -121.536157 °	38.223700 ° -121.536157 °	52
25	1.63	1.63	Earthen Levee	Trim / Thin Trees	LS	W	Trim trees to at least five feet above ground level.	38.223332 ° -121.537635 °	38.223332 ° -121.537635 °	56
26	1.77	1.77	Earthen Levee	Animal Control	LS	M	Exterminate rodents and backfill and compact or grout burrows.	38.222967 ° -121.540055 °	38.222967 ° -121.540055 °	83 Y
27	1.86	1.86	Earthen Levee	Encroachments	LS	U	Stairways Inspector Comments: Landowner has built pad on landside shoulder 60' x 15' for metal walkway leading from house to pad with a concrete deadman. Also install a temporary stairway on landside slope and stairway on waterside slope. Electrical conduit on landside toe.	38.222702 ° -121.541678 °	38.222702 ° -121.541678 °	60 Y
28	1.94	1.94	Earthen Levee	Encroachments	WS	C	Buildings Inspector Comments: Landowner has built shed on waterside berm.	38.222655 ° -121.543068 °	38.222655 ° -121.543068 °	15
29	1.96	1.98	Earthen Levee	Encroachments	LS	M	Equipment Inspector Comments: Material and equipment at landside toe.	38.222370 ° -121.543297 °	38.222101 ° -121.543409 °	10 Y
30	2.24	2.24	Earthen Levee	Animal Control	WS	M	Exterminate rodents and backfill and compact or grout burrows.	38.218494 ° -121.542646 °	38.218494 ° -121.542646 °	14
31	2.24	2.24	Earthen Levee	Animal Control	LS	M	Exterminate rodents and backfill and compact or grout burrows. Inspector Comments: Rodent holes on landside shoulder.	38.218463 ° -121.542650 °	38.218463 ° -121.542650 °	33 Y
32	2.31	2.31	Earthen Levee	Trim / Thin Trees	LS	M	Trim trees to at least five feet above ground level.	38.217522 ° -121.542483 °	38.217522 ° -121.542483 °	65

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

**Levee Inspection Report By Mile - Fall 2011**

**Reclamation District No. 0563 Tyler Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough (Tyler Island)	Left	12.38	10/04/2011 10/04/2011	Richard Willoughby

LMIR No.	Levee Mile		Category	Item	* Location	** Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
33	2.41	2.41	Earthen Levee	Trim / Thin Trees	LS	W	Trim trees to at least five feet above ground level.	38.216470 ° -121.541292 °	38.216382 ° -121.541148 °	66
34	2.44	2.45	Earthen Levee	Vegetation	LS	M	Elderberries are blocking visibility and flood fight capability. Inspector Comments: District is controlling elderberry	38.216242 ° -121.540835 °	38.216147 ° -121.540612 °	11 Y
35	2.46	2.46	Earthen Levee	Vegetation	WS	M	Elderberries are blocking visibility and flood fight capability.	38.216122 ° -121.540555 °	38.216047 ° -121.540415 °	12
36	2.58	2.58	Earthen Levee	Animal Control	LS	M	No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.	38.215047 ° -121.538593 °	38.215047 ° -121.538593 °	84
37	2.58	2.61	Earthen Levee	Animal Control	LS	U	No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.	38.215082 ° -121.538652 °	38.214852 ° -121.538305 °	85 Y
38	2.59	2.59	Earthen Levee	Trim / Thin Trees	WS	W	Trim trees to at least five feet above ground level.	38.215047 ° -121.538604 °	38.215047 ° -121.538604 °	20
39	2.63	2.77	Supplemental	USACE Erosion Survey	WS	M	Inspector Comments: 1997 - Loss of rock at toe; pockets of upper berm erosion; very narrow berm width; toe rock problem; erosion pockets in rock. 2002 - New brush boxes at toe of the worst spots. 2005 - Upstream 200 ft removed because of the wide berm. 2006 - Some rock pockets behind the brush boxes at the upstream end. 2010 - Some new erosion. 2011: No observed change. [2011 Site ID: GEO_9-3_L]	38.214133 ° -121.537778 °	38.211737 ° -121.535436 °	39 Y
40	2.64	2.71	Earthen Levee	Trim / Thin Trees	WS	W	Trim trees to at least five feet above ground level.	38.214567 ° -121.537945 °	38.213728 ° -121.537272 °	21
41	2.68	2.68	Earthen Levee	Trim / Thin Trees	LS	M	Trim trees to at least five feet above ground level.	38.214055 ° -121.537533 °	38.214055 ° -121.537533 °	86
42	2.74	2.74	Earthen Levee	Trim / Thin Trees	LS	W	Trim trees to at least five feet above ground level.	38.213415 ° -121.537012 °	38.213415 ° -121.537012 °	34
43	2.80	2.82	Earthen Levee	Trim / Thin Trees	LS	W	Trim trees to at least five feet above ground level.	38.212680 ° -121.536350 °	38.212360 ° -121.536028 °	26
44	2.90	2.90	Earthen Levee	Encroachments	WS	M	Material Inspector Comments: Landowner has stack fencing on waterside shoulder.	38.211568 ° -121.534980 °	38.211568 ° -121.534980 °	87 Y
45	2.94	2.94	Earthen Levee	Encroachments	LS	M	Prunings Inspector Comments: Landowner has removed pruning and garbage, but has other pruning to the pile.	38.211010 ° -121.534782 °	38.211010 ° -121.534782 °	16 Y
46	3.00	3.00	Earthen Levee	Vegetation	LS	W	Remove the wild growth other than native grasses from the levee slopes. Inspector Comments: Vines (Berry or wildroses) on landside toe.	38.210402 ° -121.535268 °	38.210402 ° -121.535268 °	67

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

**Levee Inspection Report By Mile - Fall 2011**

**Reclamation District No. 0563 Tyler Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough (Tyler Island)	Left	12.38	10/04/2011 10/04/2011	Richard Willoughby

LMIR No.	Levee Mile		Category	Item	Location *	Rating **	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
47	3.06	3.12	Earthen Levee	Vegetation	LS	W	Remove the wild growth other than native grasses from the levee slopes. Inspector Comments: Bamboo and vines (Berry or wildroses) along landside toe.	38.210230 ° -121.536342 °	38.210251 ° -121.537290 °	17 Y
48	3.09	3.28	Earthen Levee	Vegetation	LS	U	Remove the wild growth other than native grasses from the levee slopes. Inspector Comments: Berryvines at landside toe.	38.210212 ° -121.536728 °	38.209165 ° -121.539920 °	74 Y
49	3.13	3.13	Earthen Levee	Slope Stability	LS	M	Repair slope instability.	38.210240 ° -121.537517 °	38.210240 ° -121.537517 °	78 Y
50	3.28	3.28	Earthen Levee	Trim / Thin Trees	LS	M	Thin trees to allow visibility of the ground and room to flood fight.	38.209217 ° -121.539823 °	38.209217 ° -121.539823 °	68 Y
51	3.32	3.32	Earthen Levee	Encroachments	LS	C	Tree or limb	38.208813 ° -121.540213 °	38.208813 ° -121.540213 °	80 Y
52	4.00	4.03	Supplemental	USACE Erosion Survey	WS	M	Inspector Comments: 1997 - Narrow eroding berm upstream of existing rock. 2001 - Staked, low fascine walls at bankline. 2011: Minor new erosion. Site extended downstream. [2011 Site ID: GEO_8-3_L]	38.200733 ° -121.542571 °	38.199925 ° -121.544249 °	40 Y
53	4.73	4.73	Earthen Levee	Trim / Thin Trees	LS	M	Thin trees to allow visibility of the ground and room to flood fight.	38.193078 ° -121.551047 °	38.193078 ° -121.551047 °	88 Y
54	5.02	5.10	Supplemental	USACE Erosion Survey	WS	M	Inspector Comments: 2009 - Small scallops of erosion into the levee toe behind brush boxes. 2011: Minor new erosion. [2011 Site ID: GEO_7-2_L]	38.189886 ° -121.556686 °	38.189524 ° -121.557227 °	41 Y
55	5.26	5.44	Supplemental	USACE Erosion Survey	WS	U	Inspector Comments: 1997 - Deep pockets of erosion into a narrow berm just downstream of the rock. 2000 - Scallops in banks with small colored flags, some new biotech rolls in with older rolls in the scallops. 2001 - Staked, low fascine walls at the bankline. 2011: Site upgraded to CRITICAL. Site extended upstream due to new erosion pocket. New tree popouts and new erosion. [2011 Site ID: GEO_6-8_L]	38.188216 ° -121.558442 °	38.185968 ° -121.561667 °	42 Y

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

**Levee Inspection Report By Mile - Fall 2011**

**Reclamation District No. 0563 Tyler Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough (Tyler Island)	Left	12.38	10/04/2011 10/04/2011	Richard Willoughby

LMIR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
56	5.53	6.32	Supplemental	USACE Erosion Survey	WS	M	Inspector Comments: 1997 - Deep pockets of erosion and narrow berm. Reach is characterized by lots of pockets into the existing berm and/or levee slope. 1999 - Some pockets filled with rock riprap. 2000 - Exposed fabric. 2001 - Staked, low fascine walls at bankline. 2002 - New spot of rock at upstream end. Some new brush boxes. 2005 - Some stone sliding off the underlying geotextile fabric. Some new brush bundles in the brush boxes; some with missing bundles. Some boxes too low relative to high tide. 2009 - Minimal new erosion, site length extended. 2010 - New erosion on downstream end, site extended downstream. 2011: Sites 6.1. 6.4 and 6.6 were combined. New erosion pockets, site extended to include the erosion in between the old sites. [2011 Site ID: GEO_6-3_L]	38.185479 ° -121.563296 °	38.181359 ° -121.576292 °	43 Y
57	6.03	6.03	Earthen Levee	Encroachments	LS	M	Garbage	38.182102 ° -121.569602 °	38.182102 ° -121.569602 °	69 Y
58	6.04	6.08	Earthen Levee	Vegetation	LS	U	Remove the wild growth other than native grasses from the levee slopes. Inspector Comments: Large Cactus on landward slope.	38.181965 ° -121.569913 °	38.181763 ° -121.570447 °	22 Y
59	6.09	6.09	Earthen Levee	Trim / Thin Trees	LS	M	Trim trees to at least five feet above ground level.	38.181732 ° -121.570524 °	38.181732 ° -121.570524 °	35
60	6.13	6.13	Earthen Levee	Trim / Thin Trees	LS	M	Trim trees to at least five feet above ground level.	38.181503 ° -121.571263 °	38.181503 ° -121.571263 °	70
61	6.39	6.41	Earthen Levee	Trim / Thin Trees	LS	M	Trim trees to at least five feet above ground level.	38.181273 ° -121.575873 °	38.181165 ° -121.576217 °	23
62	6.58	6.58	Earthen Levee	Encroachments	LS	C	Tree or limb	38.179390 ° -121.578285 °	38.179390 ° -121.578285 °	81
63	6.60	6.72	Earthen Levee	Encroachments	LS	CO	Landscaping	38.179250 ° -121.578347 °	38.177533 ° -121.579087 °	25
64	6.67	7.29	Supplemental	USACE Erosion Survey	WS	M	Inspector Comments: 1997 - Pocket erosion into the toe of the levee. 2000 - Scallops in banks with small colored flags, biotech rolls present. 2001 - Staked, low fascine walls at bankline. 2003 - Still have visibly bad spots, especially at the upstream end. 2005 - Some new brush bundles in the brush boxes; some with missing bundles. Some boxes too low relative to high tide. 2010 - Site extended upstream. 2011: Minor new erosion. [2011 Site ID: GEO_5-3_L]	38.176861 ° -121.579747 °	38.167959 ° -121.581616 °	44 Y
65	6.90	6.94	Earthen Levee	Trim / Thin Trees	LS	U	Trim trees to at least five feet above ground level.	38.175190 ° -121.580035 °	38.174610 ° -121.579948 °	27 Y

<b>* Location</b> LS : Land Side WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable PO : Partially Obstructing CO : Completely Obstructing W : Watch/Monitor N : Not Inspected, see Inspector Comment C : Corrected
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Levee Inspections**

**Levee Inspection Report By Mile - Fall 2011**

**Reclamation District No. 0563 Tyler Island**

Waterway				Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough (Tyler Island)				Left	12.38	10/04/2011 10/04/2011	Richard Willoughby

LMIR No.	Levee Mile		Category	Item	Location *	Rating **	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
66	6.97	6.97	Earthen Levee	Encroachments	WS	M	Prunings	38.174235 ° -121.579898 °	38.174235 ° -121.579898 °	82
67	7.54	7.54	Earthen Levee	Encroachments	LS	C	Garbage	38.166608 ° -121.582212 °	38.166608 ° -121.582212 °	72
68	7.54	7.54	Earthen Levee	Encroachments	WS	C	Garbage	38.166593 ° -121.582228 °	38.166593 ° -121.582228 °	71
69	7.64	7.83	Supplemental	USACE Erosion Survey	WS	U	Inspector Comments: 1997 - Pocket erosion at upstream end and into the levee toe under the Alder trees. 2003 - New brush boxes with wattles on bank. 2004 - No brush boxes. 2005 - Site extended from the downstream side of the bridge. Whole bank is vertical. 2010 - Some minor new erosion. 2011: Site upgraded to CRITICAL. New erosion pockets throughout the site. Sites 4.5, and 4.6 were combined. [2011 Site ID: GEO_4-5_L]	38.164462 ° -121.583092 °	38.160888 ° -121.584807 °	45 Y
70	7.66	7.66	Earthen Levee	Encroachments	WS	M	Tree or limb Inspector Comments: Down tree on waterside slope.	38.164927 ° -121.582680 °	38.164927 ° -121.582680 °	89 Y
71	7.89	7.91	Earthen Levee	Vegetation	LS	M	Remove the wild growth other than native grasses from the levee slopes.	38.161825 ° -121.584135 °	38.161633 ° -121.584222 °	29
72	7.97	7.99	Earthen Levee	Vegetation	LS	U	Remove the wild growth other than native grasses from the levee slopes. Inspector Comments: Berryvines and Willows on landside toe.	38.160800 ° -121.584598 °	38.160487 ° -121.584717 °	90 Y
73	8.01	8.19	Supplemental	USACE Erosion Survey	WS	M	Inspector Comments: 1997 - Pockets of erosion into the levee toe. 1999 - Minor rock riprap and willow bundles place in a couple of spots. 2001 - Staked, low fascine walls at bankline. 2003 - Small unprotected pockets still eroding. 2004 - Numerous brush boxes, some falling apart, some with new bundles. 2005 - Some new brush boxes installed; some boxes are empty. Levee slope and banks still look bad with pocket scallops into the levee slopes. 2011: Erosion continues and the number of pockets is increasing. [2011 Site ID: GEO_4-3_L]	38.160261 ° -121.585056 °	38.157625 ° -121.586543 °	46 Y
74	8.18	8.63	Supplemental	USACE Erosion Survey	WS	U	Inspector Comments: 1997 - Pockets of erosion into the levee at the water line. Alders are being undercut and rotating out into the channel. Damaged rock at upstream end. 2000 - New minor erosion. 2001 - Staked low fascine walls at bankline. 2002 - New "Brush Boxes" along the bank toe. 2003 - New erosion pockets in the middle of the site. 2005 - Some new bundles in the brush boxes. 2011: Site upgraded to CRITICAL. Significant new erosion. Sites 3.6, 3.7, 3.71, and 4.0 were combined. [2011 Site ID: GEO_3-8_L]	38.156987 ° -121.587427 °	38.152919 ° -121.591129 °	48 Y

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

**Levee Inspection Report By Mile - Fall 2011**

**Reclamation District No. 0563 Tyler Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough (Tyler Island)	Left	12.38	10/04/2011 10/04/2011	Richard Willoughby

LMIR No.	Levee Mile		Category	Item	* Location	** Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
75	8.56	8.62	Earthen Levee	Trim / Thin Trees	LS	M	Trim trees to at least five feet above ground level.	38.155882 ° -121.591477 °	38.155005 ° -121.591640 °	31
76	9.38	9.42	Earthen Levee	Trim / Thin Trees	LS	W	Trim trees to at least five feet above ground level.	38.146164 ° -121.587538 °	38.145913 ° -121.588193 °	37
77	9.50	9.50	Earthen Levee	Encroachments	LS	M	Prunings	38.145957 ° -121.589653 °	38.145957 ° -121.589653 °	73
78	9.80	9.89	Supplemental	USACE Erosion Survey	WS	M	Inspector Comments: 1997 - Erosion pockets into the toe of the levee. 2001 - Staked low fascine walls at the bankline. 2004 - Numerous "Brush Boxes." 2005 - Some new bundles in the brush boxes. 2011: No observed change. [2011 Site ID: GEO_2-5_L]	38.150820 ° -121.593650 °	38.151196 ° -121.594780 °	49 Y
79	9.81	9.81	Earthen Levee	Vegetation	LS	M	Elderberries are blocking visibility and flood fight capability.	38.149790 ° -121.592788 °	38.149790 ° -121.592788 °	36
80	10.00	10.00	Earthen Levee	Encroachments	WS	M	Prunings	38.150943 ° -121.595488 °	38.150943 ° -121.595488 °	947
81	10.17	10.29	Supplemental	USACE Erosion Survey	WS	U	Inspector Comments: 2009 - Upgraded to full erosion site. Small scour pockets and mid slope wave wash. 2010 - New rock and freshly fallen trees. 2011: Site upgraded to CRITICAL. Significant new erosion. Rotational failures for the full height of the levee. [2011 Site ID: GEO_2-0_L]	38.147537 ° -121.599433 °	38.145994 ° -121.600581 °	51 Y
82	10.44	10.44	Earthen Levee	Erosion / Bank Caving	WS	W	Schedule repair of erosion site prior to the next inspection. Inspector Comments: Erosion site has increase in size.	38.146102 ° -121.600342 °	38.146102 ° -121.600342 °	949 Y
83	10.46	10.76	Supplemental	USACE Erosion Survey	WS	M	Inspector Comments: 1997 - Old damaged rock riprap along the toe. 1999 - Downstream end (400 ft) repaired with rock. 2002 - New rock/concrete rubble section on the downstream end. 2004 - Small pocket repairs at the downstream end. 2005 - Some new bundles in the brush boxes. 2011: No observed change. [2011 Site ID: GEO_1-7_L]	38.143519 ° -121.599677 °	38.139918 ° -121.596986 °	53 Y
84	10.77	10.77	Earthen Levee	Slope Stability	LS	U	Repair slope instability. Inspector Comments: Deep depression on landside shoulder and slope possible pipe collapse	38.141940 ° -121.598033 °	38.141940 ° -121.598033 °	76 Y
85	10.82	10.82	Earthen Levee	Animal Control	LS	M	No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.	38.141362 ° -121.597598 °	38.141362 ° -121.597598 °	77
86	10.90	10.90	Earthen Levee	Slope Stability	WS	M	Repair slope instability. Inspector Comments: Site is not completely repaired	38.140307 ° -121.596957 °	38.140307 ° -121.596957 °	79 Y
87	11.49	11.59	Earthen Levee	Encroachments	WS	M	Prunings	38.133556 ° -121.590641 °	38.132462 ° -121.589452 °	952

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

**Levee Inspection Report By Mile - Fall 2011**

**Reclamation District No. 0563 Tyler Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough (Tyler Island)	Left	12.38	10/04/2011 10/04/2011	Richard Willoughby

LMIR No.	Levee Mile		Category	Item	* Location	** Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
88	11.61	12.04	Supplemental	USACE Erosion Survey	WS	U	Inspector Comments: 1997 - Erosion pockets into the levee toe. 1999 - Some small pockets fixed with rock riprap. 2002 - New "brush boxes" along the bank toe. 2005 - Brush boxes are empty. Some pockets are filled with new stone. 2006 - Some new rock at the downstream end (~100 ft long). Several small pockets of new rock in scallops. Brush boxes in poor to fair condition. 2010 - Site looks a little worse, some toe rock but still has erosion scars at lower to mid slope. 2011: Site upgraded to CRITICAL. Significant new erosion. Erosion scallops are vertical and almost the height of the levee. [2011 Site ID: GEO_0-3_L]	38.131126 ° -121.588337 °	38.130368 ° -121.582266 °	55 Y
89	11.63	11.63	Earthen Levee	Animal Control	LS	U	No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.	38.131943 ° -121.588912 °	38.131943 ° -121.588912 °	91 Y
90	11.84	12.18	Earthen Levee	Vegetation	LS	M	Remove the wild growth other than native grasses from the levee slopes.	38.130152 ° -121.585950 °	38.130742 ° -121.579828 °	92
91	12.15	12.16	Earthen Levee	Encroachments	WS	M	Prunings	38.130766 ° -121.580528 °	38.130776 ° -121.580276 °	954
92	12.23	12.23	Earthen Levee	Trim / Thin Trees	LS	M	Trim trees to at least five feet above ground level.	38.130758 ° -121.579027 °	38.130758 ° -121.579027 °	47

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

**Levee Inspection Report By Mile - Fall 2011**

**Reclamation District No. 0563 Tyler Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough (Tyler Island)	Left	12.38	10/04/2011 10/04/2011	Richard Willoughby

Levee Mile Report Line	2
Start Levee Mile	0.13
End Levee Mile	0.13
Location	Water Side
Category	Earthen Levee
Item	Trim / Thin Trees

Looking southwest at overgrown tree on waterside slope.

richard\_f\_20111006\_575.jpg



Levee Mile Report Line	4
Start Levee Mile	0.19
End Levee Mile	0.19
Location	Water Side
Category	Earthen Levee
Item	Encroachments

Looking south (downstream) at fallen tree limb on waterside slope.

richard\_f\_20110922\_385.jpg



Levee Mile Report Line	6
Start Levee Mile	0.23
End Levee Mile	0.23
Location	Land Side
Category	Earthen Levee
Item	Trim / Thin Trees

Looking southwest at overgrown trees on landside slope.

richard\_f\_20111006\_576.jpg



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

**Levee Inspection Report By Mile - Fall 2011**

**Reclamation District No. 0563 Tyler Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough (Tyler Island)	Left	12.38	10/04/2011 10/04/2011	Richard Willoughby

Levee Mile Report Line	7
Start Levee Mile	0.68
End Levee Mile	0.71
Location	Land Side
Category	Earthen Levee
Item	Encroachments
Looking southeast at dense landscaping on landside slope.	
richard_f_20110922_395.jpg	



Levee Mile Report Line	8
Start Levee Mile	0.80
End Levee Mile	0.80
Location	Water Side
Category	Earthen Levee
Item	Trim / Thin Trees
Looking southwest at overgrown trees on waterside slope.	
richard_f_20111006_577.jpg	



Levee Mile Report Line	11
Start Levee Mile	0.98
End Levee Mile	0.98
Location	Crown
Category	Earthen Levee
Item	Encroachments
Looking southwest at pipe on waterside slope.	
richard_f_20111006_578.jpg	



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

**Levee Inspection Report By Mile - Fall 2011**

**Reclamation District No. 0563 Tyler Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough (Tyler Island)	Left	12.38	10/04/2011 10/04/2011	Richard Willoughby

Levee Mile Report Line	11
Start Levee Mile	0.98
End Levee Mile	0.98
Location	Crown
Category	Earthen Levee
Item	Encroachments
Looking southwest at abandoned pipe on landside slope.	
richard_f_20111006_579.jpg	



Levee Mile Report Line	12
Start Levee Mile	1.06
End Levee Mile	1.06
Location	Water Side
Category	Earthen Levee
Item	Encroachments
Looking southwest at down tree/limb on waterside slope.	
richard_f_20111006_580.jpg	



Levee Mile Report Line	13
Start Levee Mile	1.10
End Levee Mile	1.13
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey
USACE 2011 Photo #1	
USACE2011_GEO_11-0_L_1.jpg	



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

**Levee Inspection Report By Mile - Fall 2011**

**Reclamation District No. 0563 Tyler Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough (Tyler Island)	Left	12.38	10/04/2011 10/04/2011	Richard Willoughby

Levee Mile Report Line	13
Start Levee Mile	1.10
End Levee Mile	1.13
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey
USACE 2011 Photo #2	
USACE2011_GEO_11-0_L_2.jpg	



Levee Mile Report Line	17
Start Levee Mile	1.25
End Levee Mile	1.25
Location	Land Side
Category	Earthen Levee
Item	Encroachments
Looking at shed at landside toe.	
richard_f_20110922_399.jpg	



Levee Mile Report Line	19
Start Levee Mile	1.42
End Levee Mile	1.42
Location	Water Side
Category	Earthen Levee
Item	Encroachments
Looking south at down tree on waterside slope.	
richard_f_20110922_379.jpg	



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

**Levee Inspection Report By Mile - Fall 2011**

**Reclamation District No. 0563 Tyler Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough (Tyler Island)	Left	12.38	10/04/2011 10/04/2011	Richard Willoughby

Levee Mile Report Line	20
Start Levee Mile	1.44
End Levee Mile	1.48
Location	Water Side
Category	Earthen Levee
Item	Vegetation
Century plant on waterward shoulder at LM 1.42	
richard_f_20110922_363.jpg	



Levee Mile Report Line	20
Start Levee Mile	1.44
End Levee Mile	1.48
Location	Water Side
Category	Earthen Levee
Item	Vegetation
Looking upstream at updated century plant on waterside shoulder slope.	
richard_f_20110922_364.jpg	



Levee Mile Report Line	26
Start Levee Mile	1.77
End Levee Mile	1.77
Location	Land Side
Category	Earthen Levee
Item	Animal Control
Looking west at rodent hole on landside slope.	
richard_f_20111006_581.jpg	



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

**Levee Inspection Report By Mile - Fall 2011**

**Reclamation District No. 0563 Tyler Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough (Tyler Island)	Left	12.38	10/04/2011 10/04/2011	Richard Willoughby

Levee Mile Report Line	27
Start Levee Mile	1.86
End Levee Mile	1.86
Location	Land Side
Category	Earthen Levee
Item	Encroachments

Unauthorized retaining wall on landside toe.

richard\_f\_20110922\_402.jpg



Levee Mile Report Line	27
Start Levee Mile	1.86
End Levee Mile	1.86
Location	Land Side
Category	Earthen Levee
Item	Encroachments

Looking southeast at top of retaining wall.

richard\_f\_20110922\_403.jpg



Levee Mile Report Line	27
Start Levee Mile	1.86
End Levee Mile	1.86
Location	Land Side
Category	Earthen Levee
Item	Encroachments

Looking southeast at earthen pad on landside shoulder covering retaining wall.

richard\_f\_20110922\_404.jpg



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

**Levee Inspection Report By Mile - Fall 2011**

**Reclamation District No. 0563 Tyler Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough (Tyler Island)	Left	12.38	10/04/2011 10/04/2011	Richard Willoughby

Levee Mile Report Line	27
Start Levee Mile	1.86
End Levee Mile	1.86
Location	Land Side
Category	Earthen Levee
Item	Encroachments
Looking west at metal stairs on waterside slope.	
richard_f_20110922_405.jpg	



Levee Mile Report Line	27
Start Levee Mile	1.86
End Levee Mile	1.86
Location	Land Side
Category	Earthen Levee
Item	Encroachments
Looking northeast metal walkway on landside of levee.	
richard_f_20110922_406.jpg	



Levee Mile Report Line	27
Start Levee Mile	1.86
End Levee Mile	1.86
Location	Land Side
Category	Earthen Levee
Item	Encroachments
Looking north at deadman for metal walkway on earthen pad on landside shoulder.	
richard_f_20110922_407.jpg	



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

**Levee Inspection Report By Mile - Fall 2011**

**Reclamation District No. 0563 Tyler Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough (Tyler Island)	Left	12.38	10/04/2011 10/04/2011	Richard Willoughby

Levee Mile Report Line	27
Start Levee Mile	1.86
End Levee Mile	1.86
Location	Land Side
Category	Earthen Levee
Item	Encroachments

Looking east at electrical conduit in trench on landside toe and concrete pad for walkway.

richard\_f\_20110922\_408.jpg



Levee Mile Report Line	27
Start Levee Mile	1.86
End Levee Mile	1.86
Location	Land Side
Category	Earthen Levee
Item	Encroachments

Looking east at metal walkway on landside.

richard\_f\_20110922\_409.jpg



Levee Mile Report Line	27
Start Levee Mile	1.86
End Levee Mile	1.86
Location	Land Side
Category	Earthen Levee
Item	Encroachments

Looking east at deadman on landside shoulder.

richard\_f\_20110922\_410.jpg



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

**Levee Inspection Report By Mile - Fall 2011**

**Reclamation District No. 0563 Tyler Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough (Tyler Island)	Left	12.38	10/04/2011 10/04/2011	Richard Willoughby

Levee Mile Report Line	27
Start Levee Mile	1.86
End Levee Mile	1.86
Location	Land Side
Category	Earthen Levee
Item	Encroachments
Looking southeast at temporary metal stairs on landside slope.	
richard_f_20110922_411.jpg	



Levee Mile Report Line	27
Start Levee Mile	1.86
End Levee Mile	1.86
Location	Land Side
Category	Earthen Levee
Item	Encroachments
Looking southeast at framing for footings on landside shoulder.	
richard_f_20110922_412.jpg	



Levee Mile Report Line	29
Start Levee Mile	1.96
End Levee Mile	1.98
Location	Land Side
Category	Earthen Levee
Item	Encroachments
Looking southeast at material and equipment on landside slope and toe.	
richard_f_20110922_366.jpg	



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

**Levee Inspection Report By Mile - Fall 2011**

**Reclamation District No. 0563 Tyler Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough (Tyler Island)	Left	12.38	10/04/2011 10/04/2011	Richard Willoughby

Levee Mile Report Line	29
Start Levee Mile	1.96
End Levee Mile	1.98
Location	Land Side
Category	Earthen Levee
Item	Encroachments
Looking south at farming equipment & garbage on landside toe.	
richard_f_20110922_367.jpg	



Levee Mile Report Line	31
Start Levee Mile	2.24
End Levee Mile	2.24
Location	Land Side
Category	Earthen Levee
Item	Animal Control
Looking southeast at squirrel holes on landside shoulder.	
richard_f_20110922_386.jpg	



Levee Mile Report Line	34
Start Levee Mile	2.44
End Levee Mile	2.45
Location	Land Side
Category	Earthen Levee
Item	Vegetation
Looking southeast at elderberry on the landside slope and toe.	
richard_f_20110922_368.jpg	



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

**Levee Inspection Report By Mile - Fall 2011**

**Reclamation District No. 0563 Tyler Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough (Tyler Island)	Left	12.38	10/04/2011 10/04/2011	Richard Willoughby

Levee Mile Report Line	34
Start Levee Mile	2.44
End Levee Mile	2.45
Location	Land Side
Category	Earthen Levee
Item	Vegetation
Look southeast at updated (10/11) view of elderberries on landside slope.	
richard_f_20111006_582.jpg	



Levee Mile Report Line	37
Start Levee Mile	2.58
End Levee Mile	2.61
Location	Land Side
Category	Earthen Levee
Item	Animal Control
Looking west at rodent hole on landside slope.	
richard_f_20111006_583.jpg	



Levee Mile Report Line	37
Start Levee Mile	2.58
End Levee Mile	2.61
Location	Land Side
Category	Earthen Levee
Item	Animal Control
Looking northeast at rodent holes on landside slope.	
richard_f_20111006_584.jpg	



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

**Levee Inspection Report By Mile - Fall 2011**

**Reclamation District No. 0563 Tyler Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough (Tyler Island)	Left	12.38	10/04/2011 10/04/2011	Richard Willoughby

Levee Mile Report Line	37
Start Levee Mile	2.58
End Levee Mile	2.61
Location	Land Side
Category	Earthen Levee
Item	Animal Control
Looking southwest at rodent holes on landside slope.	
richard_f_20111006_585.jpg	



Levee Mile Report Line	37
Start Levee Mile	2.58
End Levee Mile	2.61
Location	Land Side
Category	Earthen Levee
Item	Animal Control
Looking east at rodent hole on landside slope.	
richard_f_20111006_586.jpg	



Levee Mile Report Line	39
Start Levee Mile	2.63
End Levee Mile	2.77
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey
USACE 2011 Photo #1	
USACE2011_GEO_9-3_L_1.jpg	



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

**Levee Inspection Report By Mile - Fall 2011**

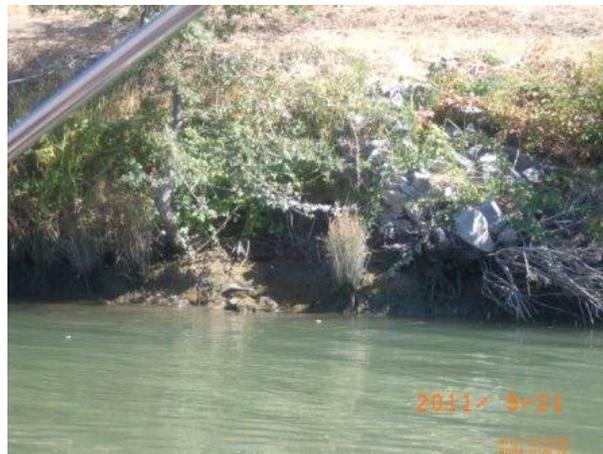
**Reclamation District No. 0563 Tyler Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough (Tyler Island)	Left	12.38	10/04/2011 10/04/2011	Richard Willoughby

Levee Mile Report Line	39
Start Levee Mile	2.63
End Levee Mile	2.77
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey
USACE 2011 Photo #2	
USACE2011_GEO_9-3_L_2.jpg	



Levee Mile Report Line	39
Start Levee Mile	2.63
End Levee Mile	2.77
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey
USACE 2011 Photo #3	
USACE2011_GEO_9-3_L_3.jpg	



Levee Mile Report Line	44
Start Levee Mile	2.90
End Levee Mile	2.90
Location	Water Side
Category	Earthen Levee
Item	Encroachments
Looking southwest at fencing on waterside shoulder.	
richard_f_20111006_587.jpg	



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

**Levee Inspection Report By Mile - Fall 2011**

**Reclamation District No. 0563 Tyler Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough (Tyler Island)	Left	12.38	10/04/2011 10/04/2011	Richard Willoughby

Levee Mile Report Line	45
Start Levee Mile	2.94
End Levee Mile	2.94
Location	Land Side
Category	Earthen Levee
Item	Encroachments
Prunings on landward shoulder from LM 2.93 to 2.95	
richard_f_20110922_372.jpg	



Levee Mile Report Line	45
Start Levee Mile	2.94
End Levee Mile	2.94
Location	Land Side
Category	Earthen Levee
Item	Encroachments
View looking upstream at pruning pile.	
richard_f_20110922_373.jpg	



Levee Mile Report Line	45
Start Levee Mile	2.94
End Levee Mile	2.94
Location	Land Side
Category	Earthen Levee
Item	Encroachments
Looking south at pruning and garbage pile on landside slope	
richard_f_20110922_374.jpg	



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

**Levee Inspection Report By Mile - Fall 2011**

**Reclamation District No. 0563 Tyler Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough (Tyler Island)	Left	12.38	10/04/2011 10/04/2011	Richard Willoughby

Levee Mile Report Line	45
Start Levee Mile	2.94
End Levee Mile	2.94
Location	Land Side
Category	Earthen Levee
Item	Encroachments
Looking southeast at garbage on landside shoulder as of 03/22/11	
richard_f_20110922_375.jpg	



Levee Mile Report Line	45
Start Levee Mile	2.94
End Levee Mile	2.94
Location	Land Side
Category	Earthen Levee
Item	Encroachments
Looking southwest at updated view (10/11) of prunings on landside shoulder and slope.	
richard_f_20111006_588.jpg	



Levee Mile Report Line	47
Start Levee Mile	3.06
End Levee Mile	3.12
Location	Land Side
Category	Earthen Levee
Item	Vegetation
Bamboo at landward toe at LM 3.05	
richard_f_20110922_376.jpg	



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

**Levee Inspection Report By Mile - Fall 2011**

**Reclamation District No. 0563 Tyler Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough (Tyler Island)	Left	12.38	10/04/2011 10/04/2011	Richard Willoughby

Levee Mile Report Line	47
Start Levee Mile	3.06
End Levee Mile	3.12
Location	Land Side
Category	Earthen Levee
Item	Vegetation

Looking southeast at updated view of bamboo on landside slope and toe.

richard\_f\_20110922\_377.jpg



Levee Mile Report Line	47
Start Levee Mile	3.06
End Levee Mile	3.12
Location	Land Side
Category	Earthen Levee
Item	Vegetation

Looking southeast after bamboo has been removed. Great Job!!

richard\_f\_20110922\_378.jpg



Levee Mile Report Line	48
Start Levee Mile	3.09
End Levee Mile	3.28
Location	Land Side
Category	Earthen Levee
Item	Vegetation

Looking southeast at berryvines on landside toe.

richard\_f\_20110922\_422.jpg



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

**Levee Inspection Report By Mile - Fall 2011**

**Reclamation District No. 0563 Tyler Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough (Tyler Island)	Left	12.38	10/04/2011 10/04/2011	Richard Willoughby

Levee Mile Report Line	49
Start Levee Mile	3.13
End Levee Mile	3.13
Location	Land Side
Category	Earthen Levee
Item	Slope Stability
Looking east at slope erosion cause by runoff on landside slope.	
richard_f_20110922_427.jpg	



Levee Mile Report Line	49
Start Levee Mile	3.13
End Levee Mile	3.13
Location	Land Side
Category	Earthen Levee
Item	Slope Stability
Looking west at slope erosion cause by runoff on landside slope.	
richard_f_20110922_428.jpg	



Levee Mile Report Line	50
Start Levee Mile	3.28
End Levee Mile	3.28
Location	Land Side
Category	Earthen Levee
Item	Trim / Thin Trees
Looking southeast at dense tree on landside slope and toe.	
richard_f_20110922_417.jpg	



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

**Levee Inspection Report By Mile - Fall 2011**

**Reclamation District No. 0563 Tyler Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough (Tyler Island)	Left	12.38	10/04/2011 10/04/2011	Richard Willoughby

Levee Mile Report Line	52
Start Levee Mile	4.00
End Levee Mile	4.03
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey
USACE 2011 Photo #1	
USACE2011_GEO_8-3_L_1.jpg	



Levee Mile Report Line	52
Start Levee Mile	4.00
End Levee Mile	4.03
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey
USACE 2011 Photo #2	
USACE2011_GEO_8-3_L_2.jpg	



Levee Mile Report Line	54
Start Levee Mile	5.02
End Levee Mile	5.10
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey
USACE 2011 Photo #1	
USACE2011_GEO_7-2_L_1.jpg	



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

**Levee Inspection Report By Mile - Fall 2011**

**Reclamation District No. 0563 Tyler Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough (Tyler Island)	Left	12.38	10/04/2011 10/04/2011	Richard Willoughby

Levee Mile Report Line	54
Start Levee Mile	5.02
End Levee Mile	5.10
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey
USACE 2011 Photo #2	
USACE2011_GEO_7-2_L_2.jpg	



Levee Mile Report Line	55
Start Levee Mile	5.26
End Levee Mile	5.44
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey
USACE 2011 Photo #1	
USACE2011_GEO_6-8_L_1.jpg	



Levee Mile Report Line	55
Start Levee Mile	5.26
End Levee Mile	5.44
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey
USACE 2011 Photo #2	
USACE2011_GEO_6-8_L_2.jpg	



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

**Levee Inspection Report By Mile - Fall 2011**

**Reclamation District No. 0563 Tyler Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough (Tyler Island)	Left	12.38	10/04/2011 10/04/2011	Richard Willoughby

Levee Mile Report Line	56
Start Levee Mile	5.53
End Levee Mile	6.32
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey
USACE 2011 Photo #1	
USACE2011_GEO_6-3_L_1.jpg	



Levee Mile Report Line	56
Start Levee Mile	5.53
End Levee Mile	6.32
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey
USACE 2011 Photo #2	
USACE2011_GEO_6-3_L_2.jpg	



Levee Mile Report Line	56
Start Levee Mile	5.53
End Levee Mile	6.32
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey
USACE 2011 Photo #3	
USACE2011_GEO_6-3_L_3.jpg	



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

**Levee Inspection Report By Mile - Fall 2011**

**Reclamation District No. 0563 Tyler Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough (Tyler Island)	Left	12.38	10/04/2011 10/04/2011	Richard Willoughby

Levee Mile Report Line	56
Start Levee Mile	5.53
End Levee Mile	6.32
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey
USACE 2011 Photo #4	
USACE2011_GEO_6-3_L_4.jpg	



Levee Mile Report Line	56
Start Levee Mile	5.53
End Levee Mile	6.32
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey
USACE 2011 Photo #5	
USACE2011_GEO_6-3_L_5.jpg	



Levee Mile Report Line	57
Start Levee Mile	6.03
End Levee Mile	6.03
Location	Land Side
Category	Earthen Levee
Item	Encroachments
Looking southeast at garbage and prunings on landside slope.	
richard_f_20110922_418.jpg	



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

**Levee Inspection Report By Mile - Fall 2011**

**Reclamation District No. 0563 Tyler Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough (Tyler Island)	Left	12.38	10/04/2011 10/04/2011	Richard Willoughby

Levee Mile Report Line	58
Start Levee Mile	6.04
End Levee Mile	6.08
Location	Land Side
Category	Earthen Levee
Item	Vegetation
Large Cactus plant on landward slope from LM 6.04 to 6.08	
richard_f_20110922_380.jpg	



Levee Mile Report Line	58
Start Levee Mile	6.04
End Levee Mile	6.08
Location	Land Side
Category	Earthen Levee
Item	Vegetation
Looking at north end of cactus on the landside slope.	
richard_f_20110922_381.jpg	



Levee Mile Report Line	64
Start Levee Mile	6.67
End Levee Mile	7.29
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey
USACE 2011 Photo #1	
USACE2011_GEO_5-3_L_1.jpg	



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

**Levee Inspection Report By Mile - Fall 2011**

**Reclamation District No. 0563 Tyler Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough (Tyler Island)	Left	12.38	10/04/2011 10/04/2011	Richard Willoughby

Levee Mile Report Line	64
Start Levee Mile	6.67
End Levee Mile	7.29
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey

USACE 2011 Photo #2

USACE2011\_GEO\_5-3\_L\_2.jpg



Levee Mile Report Line	64
Start Levee Mile	6.67
End Levee Mile	7.29
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey

USACE 2011 Photo #3

USACE2011\_GEO\_5-3\_L\_3.jpg



Levee Mile Report Line	65
Start Levee Mile	6.90
End Levee Mile	6.94
Location	Land Side
Category	Earthen Levee
Item	Trim / Thin Trees

Side view of dense trees along landside slope and shoulder.

richard\_f\_20110922\_383.jpg



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

**Levee Inspection Report By Mile - Fall 2011**

**Reclamation District No. 0563 Tyler Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough (Tyler Island)	Left	12.38	10/04/2011 10/04/2011	Richard Willoughby

Levee Mile Report Line	65
Start Levee Mile	6.90
End Levee Mile	6.94
Location	Land Side
Category	Earthen Levee
Item	Trim / Thin Trees

Front view of dense trees along landside shoulder and slope.

richard\_f\_20110922\_384.jpg



Levee Mile Report Line	69
Start Levee Mile	7.64
End Levee Mile	7.83
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey

USACE 2011 Photo #1

USACE2011\_GEO\_4-5\_L\_1.jpg



Levee Mile Report Line	70
Start Levee Mile	7.66
End Levee Mile	7.66
Location	Water Side
Category	Earthen Levee
Item	Encroachments

Looking southwest at down limbs on waterside slope.

richard\_f\_20111006\_589.jpg



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

**Levee Inspection Report By Mile - Fall 2011**

**Reclamation District No. 0563 Tyler Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough (Tyler Island)	Left	12.38	10/04/2011 10/04/2011	Richard Willoughby

Levee Mile Report Line	72
Start Levee Mile	7.97
End Levee Mile	7.99
Location	Land Side
Category	Earthen Levee
Item	Vegetation
Looking northeast at dense vegetation on landside toe.	
richard_f_20111006_590.jpg	



Levee Mile Report Line	72
Start Levee Mile	7.97
End Levee Mile	7.99
Location	Land Side
Category	Earthen Levee
Item	Vegetation
Looking southwest at dense vegetation on landside toe.	
richard_f_20111006_591.jpg	



Levee Mile Report Line	73
Start Levee Mile	8.01
End Levee Mile	8.19
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey
USACE 2011 Photo #1	
USACE2011_GEO_4-3_L_1.jpg	



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

**Levee Inspection Report By Mile - Fall 2011**

**Reclamation District No. 0563 Tyler Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough (Tyler Island)	Left	12.38	10/04/2011 10/04/2011	Richard Willoughby

Levee Mile Report Line	73
Start Levee Mile	8.01
End Levee Mile	8.19
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey
USACE 2011 Photo #2	
USACE2011_GEO_4-3_L_2.jpg	



Levee Mile Report Line	73
Start Levee Mile	8.01
End Levee Mile	8.19
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey
USACE 2011 Photo #3	
USACE2011_GEO_4-3_L_3.jpg	



Levee Mile Report Line	74
Start Levee Mile	8.18
End Levee Mile	8.63
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey
USACE 2011 Photo #1	
USACE2011_GEO_3-8_L_1.jpg	



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

**Levee Inspection Report By Mile - Fall 2011**

**Reclamation District No. 0563 Tyler Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough (Tyler Island)	Left	12.38	10/04/2011 10/04/2011	Richard Willoughby

Levee Mile Report Line	74
Start Levee Mile	8.18
End Levee Mile	8.63
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey
USACE 2011 Photo #2	
USACE2011_GEO_3-8_L_2.jpg	



Levee Mile Report Line	74
Start Levee Mile	8.18
End Levee Mile	8.63
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey
USACE 2011 Photo #3	
USACE2011_GEO_3-8_L_3.jpg	



Levee Mile Report Line	74
Start Levee Mile	8.18
End Levee Mile	8.63
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey
USACE 2011 Photo #4	
USACE2011_GEO_3-8_L_4.jpg	



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

**Levee Inspection Report By Mile - Fall 2011**

**Reclamation District No. 0563 Tyler Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough (Tyler Island)	Left	12.38	10/04/2011 10/04/2011	Richard Willoughby

Levee Mile Report Line	74
Start Levee Mile	8.18
End Levee Mile	8.63
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey
USACE 2011 Photo #5	
USACE2011_GEO_3-8_L_5.jpg	



Levee Mile Report Line	78
Start Levee Mile	9.80
End Levee Mile	9.89
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey
USACE 2011 Photo #1	
USACE2011_GEO_2-5_L_1.jpg	



Levee Mile Report Line	78
Start Levee Mile	9.80
End Levee Mile	9.89
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey
USACE 2011 Photo #2	
USACE2011_GEO_2-5_L_2.jpg	



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

**Levee Inspection Report By Mile - Fall 2011**

**Reclamation District No. 0563 Tyler Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough (Tyler Island)	Left	12.38	10/04/2011 10/04/2011	Richard Willoughby

Levee Mile Report Line	81
Start Levee Mile	10.17
End Levee Mile	10.29
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey
USACE 2011 Photo #1	
USACE2011_GEO_2-0_L_1.jpg	



Levee Mile Report Line	81
Start Levee Mile	10.17
End Levee Mile	10.29
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey
USACE 2011 Photo #2	
USACE2011_GEO_2-0_L_2.jpg	



Levee Mile Report Line	81
Start Levee Mile	10.17
End Levee Mile	10.29
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey
USACE 2011 Photo #3	
USACE2011_GEO_2-0_L_3.jpg	



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

**Levee Inspection Report By Mile - Fall 2011**

**Reclamation District No. 0563 Tyler Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough (Tyler Island)	Left	12.38	10/04/2011 10/04/2011	Richard Willoughby

Levee Mile Report Line	82
Start Levee Mile	10.44
End Levee Mile	10.44
Location	Water Side
Category	Earthen Levee
Item	Erosion / Bank Caving

Looking downstream at erosion site on waterside slope and shoulder.

richard\_f\_20110922\_431.jpg



Levee Mile Report Line	82
Start Levee Mile	10.44
End Levee Mile	10.44
Location	Water Side
Category	Earthen Levee
Item	Erosion / Bank Caving

Looking north at updated picture of erosion site as of October 2010

richard\_f\_20110922\_432.jpg



Levee Mile Report Line	82
Start Levee Mile	10.44
End Levee Mile	10.44
Location	Water Side
Category	Earthen Levee
Item	Erosion / Bank Caving

Looking northwest at updated picture of erosion site on waterside slope and shoulder as of October 2010.

richard\_f\_20110922\_433.jpg



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

**Levee Inspection Report By Mile - Fall 2011**

**Reclamation District No. 0563 Tyler Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough (Tyler Island)	Left	12.38	10/04/2011 10/04/2011	Richard Willoughby

Levee Mile Report Line	82
Start Levee Mile	10.44
End Levee Mile	10.44
Location	Water Side
Category	Earthen Levee
Item	Erosion / Bank Caving

Looking southwest at erosion on waterside slope and toe.

richard\_f\_20111006\_592.jpg



Levee Mile Report Line	82
Start Levee Mile	10.44
End Levee Mile	10.44
Location	Water Side
Category	Earthen Levee
Item	Erosion / Bank Caving

Looking west at erosion on waterside slope and toe.

richard\_f\_20111006\_593.jpg



Levee Mile Report Line	83
Start Levee Mile	10.46
End Levee Mile	10.76
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey

USACE 2011 Photo #1

USACE2011\_GEO\_1-7\_L\_1.jpg



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

**Levee Inspection Report By Mile - Fall 2011**

**Reclamation District No. 0563 Tyler Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough (Tyler Island)	Left	12.38	10/04/2011 10/04/2011	Richard Willoughby

Levee Mile Report Line	83
Start Levee Mile	10.46
End Levee Mile	10.76
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey

USACE 2011 Photo #2

USACE2011\_GEO\_1-7\_L\_2.jpg



Levee Mile Report Line	83
Start Levee Mile	10.46
End Levee Mile	10.76
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey

USACE 2011 Photo #3

USACE2011\_GEO\_1-7\_L\_3.jpg



Levee Mile Report Line	84
Start Levee Mile	10.77
End Levee Mile	10.77
Location	Land Side
Category	Earthen Levee
Item	Slope Stability

Looking northeast a depression on landside shoulder and slope above 10" irrigation pipe four feet below crown.

richard\_f\_20110922\_423.jpg



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

**Levee Inspection Report By Mile - Fall 2011**

**Reclamation District No. 0563 Tyler Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough (Tyler Island)	Left	12.38	10/04/2011 10/04/2011	Richard Willoughby

Levee Mile Report Line	84
Start Levee Mile	10.77
End Levee Mile	10.77
Location	Land Side
Category	Earthen Levee
Item	Slope Stability

Looking west at depression on landside shoulder and slope.

richard\_f\_20110922\_424.jpg



Levee Mile Report Line	84
Start Levee Mile	10.77
End Levee Mile	10.77
Location	Land Side
Category	Earthen Levee
Item	Slope Stability

Looking west at depression on landside shoulder and slope from landside toe.

richard\_f\_20110922\_425.jpg



Levee Mile Report Line	84
Start Levee Mile	10.77
End Levee Mile	10.77
Location	Land Side
Category	Earthen Levee
Item	Slope Stability

Looking east at water ponding at landside toe just above 10" irrigation pipe.

richard\_f\_20110922\_426.jpg



**\* Location**

LS : Land Side  
WS : Water Side  
CR : Crown

**\*\* Rating**

A : Acceptable      PO : Partially Obstructing      N : Not Inspected, see Inspector Comment      C : Corrected  
M : Minimally Acceptable      CO : Completely Obstructing  
U : Unacceptable      W : Watch/Monitor

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2011**

**Reclamation District No. 0563 Tyler Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough (Tyler Island)	Left	12.38	10/04/2011 10/04/2011	Richard Willoughby

Levee Mile Report Line	86
Start Levee Mile	10.90
End Levee Mile	10.90
Location	Water Side
Category	Earthen Levee
Item	Slope Stability
Uncompleted slope stability repair on waterside slope.	
richard_f_20110922_429.jpg	



Levee Mile Report Line	88
Start Levee Mile	11.61
End Levee Mile	12.04
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey
USACE 2011 Photo #1	
USACE2011_GEO_0-3_L_1.jpg	



Levee Mile Report Line	88
Start Levee Mile	11.61
End Levee Mile	12.04
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey
USACE 2011 Photo #2	
USACE2011_GEO_0-3_L_2.jpg	



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

**Levee Inspection Report By Mile - Fall 2011**

**Reclamation District No. 0563 Tyler Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough (Tyler Island)	Left	12.38	10/04/2011 10/04/2011	Richard Willoughby

Levee Mile Report Line	88
Start Levee Mile	11.61
End Levee Mile	12.04
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey
USACE 2011 Photo #3	
USACE2011_GEO_0-3_L_3.jpg	



Levee Mile Report Line	89
Start Levee Mile	11.63
End Levee Mile	11.63
Location	Land Side
Category	Earthen Levee
Item	Animal Control
Looking east at rodent hole on landside slope.	
richard_f_20111006_594.jpg	



Levee Mile Report Line	89
Start Levee Mile	11.63
End Levee Mile	11.63
Location	Land Side
Category	Earthen Levee
Item	Animal Control
Looking south at rodent holes on landside slope.	
richard_f_20111006_595.jpg	



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

**Levee Inspection Report By Mile - Fall 2011**

**Reclamation District No. 0563 Tyler Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough (Tyler Island)	Left	12.38	10/04/2011 10/04/2011	Richard Willoughby

Levee Mile Report Line	89
Start Levee Mile	11.63
End Levee Mile	11.63
Location	Land Side
Category	Earthen Levee
Item	Animal Control
Looking west at rodent hole on landside slope.	
richard_f_20111006_596.jpg	



<p><b>* Location</b></p> <p>LS : Land Side WS : Water Side CR : Crown</p>	<p><b>** Rating</b></p> <p>A : Acceptable      PO : Partially Obstructing      N : Not Inspected, see Inspector Comment      C : Corrected M : Minimally Acceptable      CO : Completely Obstructing U : Unacceptable      W : Watch/Monitor</p>
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