

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

** 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

Spring 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)				
Date of Inspection	3/22/2011 - 3/28/2011			
DWR Inspector	Richard Willoughby			
Accompanied By	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

Signature of LMA Representative

Date

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 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	03/22/2011 03/28/2011	Richard Willoughby

LMR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
1	0.00	12.38	Earthen Levee	Vegetation	LS	M	Control annual grass and weeds on the levee slopes and easements.	38.234940 ° -121.517562 °	° °	4
2	0.00	12.38	Earthen Levee	Vegetation	WS	M	Control annual grass and weeds on the levee slopes and easements.	38.234943 ° -121.517568 °	° °	18
3	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
4	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
5	0.19	0.19	Earthen Levee	Encroachments	WS	M	Tree or limb	38.233315 ° -121.519360 °	38.233315 ° -121.519360 °	32 Y
6	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
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	W	Trim trees to at least five feet above ground level.	38.226370 ° -121.525912 °	38.226370 ° -121.525912 °	3
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	1.06	1.06	Earthen Levee	Encroachments	WS	M	Tree or limb	38.226465 ° -121.529400 °	38.226465 ° -121.529400 °	937 Y
12	1.15	1.15	Earthen Levee	Encroachments	LS	PO	Landscaping	38.227037 ° -121.530850 °	38.227037 ° -121.530850 °	54
13	1.21	1.21	Earthen Levee	Encroachments	WS	M	Tree or limb	38.226750 ° -121.531744 °	38.226750 ° -121.531744 °	938
14	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
15	1.25	1.25	Earthen Levee	Encroachments	LS	PO	Buildings	38.226345 ° -121.532332 °	38.226345 ° -121.532332 °	57 Y
16	1.38	1.38	Earthen Levee	Trim / Thin Trees	LS	M	Trim trees to at least five feet above ground level.	38.224793 ° -121.533599 °	38.224793 ° -121.533599 °	7
17	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
18	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

* Location LS : Landside WS : Waterside 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 - Spring 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	03/22/2011 03/28/2011	Richard Willoughby

LMR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
19	1.45	1.45	Earthen Levee	Encroachments	WS	M	Tree or limb Inspector Comments: Down tree across waterside slope.	38.224147 ° -121.534610 °	38.224147 ° -121.534610 °	24 Y
20	1.46	1.46	Earthen Levee	Encroachments	WS	M	Tree or limb Inspector Comments: Tree limb down.	38.224092 ° -121.534717 °	38.224092 ° -121.534717 °	8 Y
21	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
22	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
23	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
24	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 an 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
25	1.94	1.94	Earthen Levee	Encroachments	WS	PO	Buildings Inspector Comments: Landowner has built shed on waterside berm.	38.222655 ° -121.543068 °	38.222655 ° -121.543068 °	15 Y
26	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
27	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
28	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
29	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
30	2.41	2.41	Earthen Levee	Trim / Thin Trees	LS	M	Trim trees to at least five feet above ground level.	38.216470 ° -121.541292 °	38.216382 ° -121.541148 °	66
31	2.44	2.45	Earthen Levee	Vegetation	LS	U	Elderberries are blocking visibility and flood fight capability.	38.216242 ° -121.540835 °	38.216147 ° -121.540612 °	11 Y
32	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
33	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
34	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

*** Location**

LS : Landside
WS : Waterside
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

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 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	03/22/2011 03/28/2011	Richard Willoughby

LMR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
35	2.68	2.87	Supplemental	USACE Erosion Survey	WS	M	Inspector Comments: 2009: 10 ft berm, 1:1 slope, no stability issues, clays and silts, 1.07 ft/s [2009 SiteID:GEO_9-3_L]	38.213939 ° -121.537694 °	38.211681 ° -121.535603 °	41 Y
36	2.74	2.74	Earthen Levee	Trim / Thin Trees	LS	M	Trim trees to at least five feet above ground level.	38.213415 ° -121.537012 °	38.213415 ° -121.537012 °	34 Y
37	2.80	2.82	Earthen Levee	Trim / Thin Trees	LS	M	Trim trees to at least five feet above ground level.	38.212680 ° -121.536350 °	38.212360 ° -121.536028 °	26 Y
38	2.94	2.94	Earthen Levee	Encroachments	LS	M	Garbage	38.211010 ° -121.534782 °	38.211010 ° -121.534782 °	16 Y
39	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 Y
40	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
41	3.09	3.13	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 °	38.210240 ° -121.537517 °	74 Y
42	3.13	3.13	Earthen Levee	Slope Stability	LS	M	Repair slope instability.	38.210240 ° -121.537517 °	38.210240 ° -121.537517 °	78 Y
43	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
44	3.32	3.32	Earthen Levee	Encroachments	LS	M	Tree or limb	38.208813 ° -121.540213 °	38.208813 ° -121.540213 °	80 Y
45	4.00	4.02	Supplemental	USACE Erosion Survey	WS	M	Inspector Comments: 2009: 15 ft berm, 1.5:1 slope, no stability issues, clays and silts, 3.68 ft/s [2009 SiteID:GEO_8-3_L]	38.200769 ° -121.542569 °	38.200600 ° -121.542942 °	42 Y
46	5.12	5.16	Supplemental	USACE Erosion Survey	WS	M	Inspector Comments: 2009: no berm, 2:1 slope, no stability issues, clays and silts, 3.71 ft/s [2009 SiteID:GEO_7-2_L]	38.189886 ° -121.556686 °	38.189522 ° -121.557228 °	43 Y
47	5.29	5.52	Supplemental	USACE Erosion Survey	WS	M	Inspector Comments: 2009: 10 ft berm, 1.5:1 slope, tree hazards and holes, clays and silts, 3.78 ft/s [2009 SiteID:GEO_6-8_L]	38.187975 ° -121.558844 °	38.186022 ° -121.561736 °	44 Y
48	6.03	6.03	Earthen Levee	Encroachments	LS	M	Garbage	38.182102 ° -121.569602 °	38.182102 ° -121.569602 °	69 Y

*** Location**

LS : Landside
WS : Waterside
CR : Crown

**** Rating**

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 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	03/22/2011 03/28/2011	Richard Willoughby

LMR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
49	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
50	6.07	6.41	Supplemental	USACE Erosion Survey	WS	M	Inspector Comments: 2009: 10 ft berm, 1.5:1 slope, tree hazards, clays and silts, 3.95 ft/s [2009 SiteID:GEO_6-1_L]	38.182086 ° -121.570261 °	38.181406 ° -121.576303 °	45 Y
51	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
52	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
53	6.38	6.39	Earthen Levee	Trim / Thin Trees	LS	M	Trim trees to at least five feet above ground level.	38.181273 ° -121.575873 °	38.181217 ° -121.576070 °	23
54	6.58	6.58	Earthen Levee	Encroachments	LS	M	Tree or limb	38.179390 ° -121.578285 °	38.179390 ° -121.578285 °	81
55	6.60	6.72	Earthen Levee	Encroachments	LS	CO	Landscaping	38.179250 ° -121.578347 °	38.177533 ° -121.579087 °	25
56	6.83	7.44	Supplemental	USACE Erosion Survey	WS	M	Inspector Comments: 2009: 5 ft berm, 1.5:1 slope, tree hazards and holes, clays and silts, 3.95 ft/s [2009 SiteID:GEO_5-3_L]	38.176292 ° -121.580106 °	38.168006 ° -121.581717 °	46 Y
57	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
58	6.97	6.97	Earthen Levee	Encroachments	WS	M	Prunings	38.174235 ° -121.579898 °	38.174235 ° -121.579898 °	82
59	7.54	7.54	Earthen Levee	Encroachments	LS	M	Garbage	38.166608 ° -121.582212 °	38.166608 ° -121.582212 °	72 Y
60	7.54	7.54	Earthen Levee	Encroachments	WS	M	Garbage	38.166593 ° -121.582228 °	38.166593 ° -121.582228 °	71 Y
61	7.70	7.92	Supplemental	USACE Erosion Survey	WS	M	Inspector Comments: 2009: 5 ft berm, 1.5:1 slope, tree hazards, clays and silts, 3.94 ft/s [2009 SiteID:GEO_4-6_L]	38.164481 ° -121.583214 °	38.161561 ° -121.584631 °	48 Y
62	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
63	7.93	7.97	Supplemental	USACE Erosion Survey	WS	M	Inspector Comments: 2009: 5 ft berm, 1.5:1 slope, tree hazards, clays and silts, 4.01 ft/s [2009 SiteID:GEO_4-5_L]	38.161456 ° -121.584714 °	38.160925 ° -121.584911 °	49 Y
64	8.04	8.23	Supplemental	USACE Erosion Survey	WS	M	Inspector Comments: 2009: 5 ft berm, 1.5:1 slope, no stability issues, clays and silts, 4.02 ft/s [2009 SiteID:GEO_4-3_L]	38.159994 ° -121.585275 °	38.157631 ° -121.586656 °	51 Y

* Location LS : Landside WS : Waterside 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 - Spring 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	03/22/2011 03/28/2011	Richard Willoughby

LMR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
65	8.29	8.39	Supplemental	USACE Erosion Survey	WS	M	Inspector Comments: 2009: 5 ft berm, 1:1 slope, no stability issues, clays and silts, 3.76 ft/s [2009 SiteID:GEO_4-0_L]	38.157111 ° -121.587447 °	38.157203 ° -121.589114 °	53 Y
66	8.40	8.48	Supplemental	USACE Erosion Survey	WS	M	Inspector Comments: 2009: 5 ft berm, 2:1 slope, holes, sands and silts, 4.04 ft/s [2009 SiteID:GEO_3-71_L]	38.157203 ° -121.589319 °	38.157006 ° -121.590869 °	55 Y
67	8.50	8.53	Supplemental	USACE Erosion Survey	WS	M	Inspector Comments: 2009: 5 ft berm, 2:1 slope, holes, sands and silts, 4.64 ft/s [2009 SiteID:GEO_3-7_L]	38.156894 ° -121.591153 °	38.156394 ° -121.591586 °	58 Y
68	8.55	8.75	Supplemental	USACE Erosion Survey	WS	M	Inspector Comments: 2009: 5 ft berm, 2:1 slope, holes, clays and silts, 4.04 ft/s [2009 SiteID:GEO_3-6_L]	38.156086 ° -121.591833 °	38.152919 ° -121.591258 °	59 Y
69	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
70	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
71	9.50	9.50	Earthen Levee	Encroachments	LS	M	Prunings	38.145957 ° -121.589653 °	38.145957 ° -121.589653 °	73
72	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
73	9.90	9.96	Supplemental	USACE Erosion Survey	WS	M	Inspector Comments: 2009: 5 ft berm, 2.5:1 slope, no stability issues, clays and silts, 3.99 ft/s [2009 SiteID:GEO_2-5_L]	38.150847 ° -121.593614 °	38.151225 ° -121.594744 °	61 Y
74	9.99	9.99	Earthen Levee	Encroachments	WS	M	Prunings	38.150955 ° -121.595414 °	38.150955 ° -121.595414 °	947
75	10.06	10.06	Earthen Levee	Crown Surface / Depressions / Rutting	CR	C	Inspector Comments: A ten to twelve inch irrigation pipe is located at depression and could be causing the depression (a collapse pipe)	38.150638 ° -121.596500 °	38.150638 ° -121.596500 °	75
76	10.33	10.44	Supplemental	USACE Erosion Survey	WS	M	Inspector Comments: 2009: no berm, 2:1 slope, no stability issues, clays and silts, 4.01 ft/s [2009 SiteID:GEO_2-0_L]	38.147536 ° -121.599397 °	38.146114 ° -121.600419 °	62 Y
77	10.44	10.44	Earthen Levee	Erosion / Bank Caving	WS	U	Schedule repair of erosion site prior to the next inspection.	38.146102 ° -121.600342 °	38.146102 ° -121.600342 °	949 Y
78	10.63	10.89	Supplemental	USACE Erosion Survey	WS	M	Inspector Comments: 2009: 5 ft berm, 2:1 slope, holes, clays and silts, 4.05 ft/s [2009 SiteID:GEO_1-7_L]	38.143472 ° -121.599758 °	38.140303 ° -121.597228 °	63 Y

* Location LS : Landside WS : Waterside 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 - Spring 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	03/22/2011 03/28/2011	Richard Willoughby

LMR No.	Levee Mile		Category	Item	* Location	** Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
79	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
80	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
81	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
82	11.49	11.59	Earthen Levee	Encroachments	WS	M	Prunings	38.133556 ° -121.590641 °	38.132462 ° -121.589452 °	952
83	11.69	12.04	Supplemental	USACE Erosion Survey	WS	U	Inspector Comments: 2009: 5 ft berm, 1.5:1 slope, tree hazards and slumping, clays and silts, 4.63 ft/s [2009 SiteID:GEO_0-3_L]	38.131103 ° -121.588397 °	38.130297 ° -121.582278 °	64 Y
84	12.15	12.16	Earthen Levee	Encroachments	WS	M	Prunings	38.130766 ° -121.580528 °	38.130776 ° -121.580276 °	954
85	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

* Location LS : Landside WS : Waterside 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 - Spring 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	03/22/2011 03/28/2011	Richard Willoughby

Levee Mile Report Line	5
Start Levee Mile	0.19
End Levee Mile	0.19
Location	Water Side
Category	Earthen Levee
Item	Encroachments
Looking south (downstream) at falling tree limb on waterside slope.	
richard_s_20110330_459.jpg	



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_s_20110330_460.jpg	



Levee Mile Report Line	11
Start Levee Mile	1.06
End Levee Mile	1.06
Location	Water Side
Category	Earthen Levee
Item	Encroachments
Looking north at downed tree on waterside slope.	
richard_s_20110215_292.jpg	



<p>* Location</p> <p>LS : Landside WS : Waterside 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 - Spring 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	03/22/2011 03/28/2011	Richard Willoughby

Levee Mile Report Line	15
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_s_20110215_263.jpg



Levee Mile Report Line	17
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_s_20110215_246.jpg



Levee Mile Report Line	18
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_s_20110215_234.jpg



<p>* Location</p> <p>LS : Landside WS : Waterside 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 - Spring 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	03/22/2011 03/28/2011	Richard Willoughby

Levee Mile Report Line	18
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_s_20110215_235.jpg	



Levee Mile Report Line	19
Start Levee Mile	1.45
End Levee Mile	1.45
Location	Water Side
Category	Earthen Levee
Item	Encroachments
Looking south at down tree on waterside slope.	
richard_s_20110215_249.jpg	



Levee Mile Report Line	20
Start Levee Mile	1.46
End Levee Mile	1.46
Location	Water Side
Category	Earthen Levee
Item	Encroachments
Looking at tree limb on waterside slope.	
richard_s_20110215_236.jpg	



<p>* Location</p> <p>LS : Landside WS : Waterside 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 - Spring 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	03/22/2011 03/28/2011	Richard Willoughby

Levee Mile Report Line	24
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_s_20110215_266.jpg	



Levee Mile Report Line	24
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_s_20110215_267.jpg	



Levee Mile Report Line	24
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_s_20110215_268.jpg	



<p>* Location</p> <p>LS : Landside WS : Waterside 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 - Spring 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	03/22/2011 03/28/2011	Richard Willoughby

Levee Mile Report Line	24
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_s_20110215_269.jpg	



Levee Mile Report Line	24
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_s_20110215_270.jpg	



Levee Mile Report Line	24
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_s_20110215_271.jpg	



* Location LS : Landside WS : Waterside 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 - Spring 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	03/22/2011 03/28/2011	Richard Willoughby

Levee Mile Report Line	24
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_s_20110215_272.jpg



Levee Mile Report Line	24
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_s_20110215_273.jpg



Levee Mile Report Line	24
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_s_20110215_274.jpg



<p>* Location</p> <p>LS : Landside WS : Waterside 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 - Spring 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	03/22/2011 03/28/2011	Richard Willoughby

Levee Mile Report Line	24
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_s_20110215_275.jpg	



Levee Mile Report Line	24
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_s_20110330_461.jpg	



Levee Mile Report Line	25
Start Levee Mile	1.94
End Levee Mile	1.94
Location	Water Side
Category	Earthen Levee
Item	Encroachments
Looking west at shed on waterside berm.	
richard_s_20110215_239.jpg	



<p>* Location</p> <p>LS : Landside WS : Waterside 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 - Spring 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	03/22/2011 03/28/2011	Richard Willoughby

Levee Mile Report Line	25
Start Levee Mile	1.94
End Levee Mile	1.94
Location	Water Side
Category	Earthen Levee
Item	Encroachments
Looking northwest at shed as of October 2010	
richard_s_20110215_240.jpg	



Levee Mile Report Line	25
Start Levee Mile	1.94
End Levee Mile	1.94
Location	Water Side
Category	Earthen Levee
Item	Encroachments
Looking west at shack flooded on waterside berm.	
richard_s_20110330_462.jpg	



Levee Mile Report Line	26
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_s_20110215_237.jpg	



<p>* Location</p> <p>LS : Landside WS : Waterside 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 - Spring 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	03/22/2011 03/28/2011	Richard Willoughby

Levee Mile Report Line	26
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_s_20110330_463.jpg	



Levee Mile Report Line	28
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_s_20110330_464.jpg	



Levee Mile Report Line	31
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_s_20110215_238.jpg	



* Location LS : Landside WS : Waterside 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 - Spring 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	03/22/2011 03/28/2011	Richard Willoughby

Levee Mile Report Line	35
Start Levee Mile	2.68
End Levee Mile	2.87
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey
2009: 10 ft berm, 1:1 slope, no stability issues, clays and silts, 1.07 ft/s [2009 SiteID:GEO_9-3_L]	
richard_s_20110215_252.JPG	



Levee Mile Report Line	38
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_s_20110215_241.jpg	



Levee Mile Report Line	38
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_s_20110215_242.jpg	



* Location LS : Landside WS : Waterside 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 - Spring 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	03/22/2011 03/28/2011	Richard Willoughby

Levee Mile Report Line	38
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_s_20110215_243.jpg	



Levee Mile Report Line	38
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_s_20110330_465.jpg	



Levee Mile Report Line	40
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_s_20110215_244.jpg	



* Location LS : Landside WS : Waterside 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 - Spring 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	03/22/2011 03/28/2011	Richard Willoughby

Levee Mile Report Line	40
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_s_20110215_245.jpg	



Levee Mile Report Line	40
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_s_20110330_466.jpg	



Levee Mile Report Line	41
Start Levee Mile	3.09
End Levee Mile	3.13
Location	Land Side
Category	Earthen Levee
Item	Vegetation
Looking southeast at berryvines on landside toe.	
richard_s_20110330_467.jpg	



<p>* Location</p> <p>LS : Landside WS : Waterside 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 - Spring 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	03/22/2011 03/28/2011	Richard Willoughby

Levee Mile Report Line	42
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_s_20110330_468.jpg	



Levee Mile Report Line	42
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_s_20110330_469.jpg	



Levee Mile Report Line	43
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_s_20110215_280.jpg	



* Location LS : Landside WS : Waterside 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 - Spring 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	03/22/2011 03/28/2011	Richard Willoughby

Levee Mile Report Line	45
Start Levee Mile	4.00
End Levee Mile	4.02
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey
2009: 15 ft berm, 1.5:1 slope, no stability issues, clays and silts, 3.68 ft/s [2009 SiteID:GEO_8-3_L]	
richard_s_20110215_253.JPG	



Levee Mile Report Line	46
Start Levee Mile	5.12
End Levee Mile	5.16
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey
2009: no berm, 2:1 slope, no stability issues, clays and silts, 3.71 ft/s [2009 SiteID:GEO_7-2_L]	
richard_s_20110215_254.JPG	



Levee Mile Report Line	47
Start Levee Mile	5.29
End Levee Mile	5.52
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey
2009: 10 ft berm, 1.5:1 slope, tree hazards and holes, clays and silts, 3.78 ft/s [2009 SiteID:GEO_6-8_L]	
richard_s_20110215_255.JPG	



* Location LS : Landside WS : Waterside 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 - Spring 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	03/22/2011 03/28/2011	Richard Willoughby

Levee Mile Report Line	48
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_s_20110330_470.jpg	



Levee Mile Report Line	49
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_s_20110215_247.jpg	



Levee Mile Report Line	49
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_s_20110215_248.jpg	



<p>* Location</p> <p>LS : Landside WS : Waterside 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 - Spring 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	03/22/2011 03/28/2011	Richard Willoughby

Levee Mile Report Line	50
Start Levee Mile	6.07
End Levee Mile	6.41
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey
2009: 10 ft berm, 1.5:1 slope, tree hazards, clays and silts, 3.95 ft/s [2009 SiteID:GEO_6-1_L]	
richard_s_20110215_256.JPG	



Levee Mile Report Line	56
Start Levee Mile	6.83
End Levee Mile	7.44
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey
2009: 5 ft berm, 1.5:1 slope, tree hazards and holes, clays and silts, 3.95 ft/s [2009 SiteID:GEO_5-3_L]	
richard_s_20110215_257.JPG	



Levee Mile Report Line	57
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_s_20110215_250.jpg	



<p>* Location</p> <p>LS : Landside WS : Waterside 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 - Spring 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	03/22/2011 03/28/2011	Richard Willoughby

Levee Mile Report Line	57
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_s_20110215_251.jpg	



Levee Mile Report Line	59
Start Levee Mile	7.54
End Levee Mile	7.54
Location	Land Side
Category	Earthen Levee
Item	Encroachments
Looking east at garbage on landside toe.	
richard_s_20110215_282.jpg	



Levee Mile Report Line	60
Start Levee Mile	7.54
End Levee Mile	7.54
Location	Water Side
Category	Earthen Levee
Item	Encroachments
Looking west at garbage on waterside shoulder.	
richard_s_20110215_281.jpg	



<p>* Location</p> <p>LS : Landside WS : Waterside 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 - Spring 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	03/22/2011 03/28/2011	Richard Willoughby

Levee Mile Report Line	60
Start Levee Mile	7.54
End Levee Mile	7.54
Location	Water Side
Category	Earthen Levee
Item	Encroachments
Looking northwest at added garbage on waterside shoulder.	
richard_s_20110330_471.jpg	



Levee Mile Report Line	61
Start Levee Mile	7.70
End Levee Mile	7.92
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey
2009: 5 ft berm, 1.5:1 slope, tree hazards, clays and silts, 3.94 ft/s [2009 SiteID:GEO_4-6_L]	
richard_s_20110215_258.JPG	



Levee Mile Report Line	63
Start Levee Mile	7.93
End Levee Mile	7.97
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey
2009: 5 ft berm, 1.5:1 slope, tree hazards, clays and silts, 4.01 ft/s [2009 SiteID:GEO_4-5_L]	
richard_s_20110215_259.JPG	



* Location LS : Landside WS : Waterside 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 - Spring 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	03/22/2011 03/28/2011	Richard Willoughby

Levee Mile Report Line	64
Start Levee Mile	8.04
End Levee Mile	8.23
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey
2009: 5 ft berm, 1.5:1 slope, no stability issues, clays and silts, 4.02 ft/s [2009 SiteID:GEO_4-3_L]	
richard_s_20110215_260.JPG	



Levee Mile Report Line	65
Start Levee Mile	8.29
End Levee Mile	8.39
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey
2009: 5 ft berm, 1:1 slope, no stability issues, clays and silts, 3.76 ft/s [2009 SiteID:GEO_4-0_L]	
richard_s_20110215_261.JPG	



Levee Mile Report Line	66
Start Levee Mile	8.40
End Levee Mile	8.48
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey
2009: 5 ft berm, 2:1 slope, holes, sands and silts, 4.04 ft/s [2009 SiteID:GEO_3-71_L]	
richard_s_20110215_262.JPG	



* Location LS : Landside WS : Waterside 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 - Spring 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	03/22/2011 03/28/2011	Richard Willoughby

Levee Mile Report Line	67
Start Levee Mile	8.50
End Levee Mile	8.53
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey
2009: 5 ft berm, 2:1 slope, holes, sands and silts, 4.64 ft/s [2009 SiteID:GEO_3-7_L]	
richard_s_20110215_264.JPG	



Levee Mile Report Line	68
Start Levee Mile	8.55
End Levee Mile	8.75
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey
2009: 5 ft berm, 2:1 slope, holes, clays and silts, 4.04 ft/s [2009 SiteID:GEO_3-6_L]	
richard_s_20110215_265.JPG	



Levee Mile Report Line	73
Start Levee Mile	9.90
End Levee Mile	9.96
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey
2009: 5 ft berm, 2.5:1 slope, no stability issues, clays and silts, 3.99 ft/s [2009 SiteID:GEO_2-5_L]	
richard_s_20110215_276.JPG	



* Location LS : Landside WS : Waterside 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 - Spring 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	03/22/2011 03/28/2011	Richard Willoughby

Levee Mile Report Line	76
Start Levee Mile	10.33
End Levee Mile	10.44
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey
2009: no berm, 2:1 slope, no stability issues, clays and silts, 4.01 ft/s [2009 SiteID:GEO_2-0_L]	
richard_s_20110215_277.JPG	



Levee Mile Report Line	77
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_s_20110215_293.jpg	



Levee Mile Report Line	77
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_s_20110215_294.jpg	



* Location LS : Landside WS : Waterside 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 - Spring 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	03/22/2011 03/28/2011	Richard Willoughby

Levee Mile Report Line	77
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_s_20110215_295.jpg



Levee Mile Report Line	78
Start Levee Mile	10.63
End Levee Mile	10.89
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey

2009: 5 ft berm, 2:1 slope, holes, clays and silts, 4.05 ft/s [2009 SiteID:GEO_1-7_L]

richard_s_20110215_278.JPG



Levee Mile Report Line	79
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_s_20110215_287.jpg



<p>* Location</p> <p>LS : Landside WS : Waterside 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 - Spring 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	03/22/2011 03/28/2011	Richard Willoughby

Levee Mile Report Line	79
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_s_20110215_288.jpg



Levee Mile Report Line	79
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_s_20110215_289.jpg



Levee Mile Report Line	79
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_s_20110215_290.jpg



<p>* Location</p> <p>LS : Landside WS : Waterside 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 - Spring 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	03/22/2011 03/28/2011	Richard Willoughby

Levee Mile Report Line	81
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_s_20110215_291.jpg	



Levee Mile Report Line	83
Start Levee Mile	11.69
End Levee Mile	12.04
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey
2009: 5 ft berm, 1.5:1 slope, tree hazards and slumping, clays and silts, 4.63 ft/s [2009 SiteID:GEO_0-3_L]	
richard_s_20110215_279.JPG	



* Location LS : Landside WS : Waterside 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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