

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

Reclamation District No. 0003 Grand 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. 0003 Grand Island

Waterway	Bank	Unit Miles
Unit No. 01 Left Bank Steamboat Slough	Left	11.03

	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)				
Date of Inspection	3/16/2011 - 3/16/2011			
DWR Inspector	Richard Willoughby			
Accompanied By	Michael Moncrief MBK			

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 - Spring 2011

Reclamation District No. 0003 Grand Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Left Bank Steamboat Slough	Left	11.03	03/16/2011 03/16/2011	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	10.72	Earthen Levee	Vegetation	WS	M	Control annual grass and weeds on the levee slopes and easements.	°	°	4
2	0.00	10.72	Earthen Levee	Vegetation	LS	M	Control annual grass and weeds on the levee slopes and easements.	°	°	10
3	0.18	0.25	Supplemental	USACE Erosion Survey	WS	U	Inspector Comments: 2009: 5 ft berm, 1.5:1 slope, tree hazards, holes, and slumping, clays and silts, 4.76 ft/s [2009 SiteID:STM_26-0_L]	38.303083 ° -121.577386 °	38.302622 ° -121.578325 °	24 Y
4	0.22	0.33	Earthen Levee	Encroachments	WS	CO	Landscaping	38.302530 ° -121.577848 °	38.301424 ° -121.579113 °	6 Y
5	0.39	0.39	Earthen Levee	Trim / Thin Trees	WS	M	Trim trees to at least five feet above ground level.	38.300492 ° -121.579454 °	38.300492 ° -121.579454 °	3
6	0.58	0.58	Earthen Levee	Encroachments	WS	W	Pipe	38.298038 ° -121.580895 °	38.298038 ° -121.580895 °	1
7	0.64	0.64	Earthen Levee	Encroachments	WS	C	Tree or limb Inspector Comments: Downed tree on landside levee slope.	38.297224 ° -121.581062 °	38.297224 ° -121.581062 °	2
8	0.66	0.66	Earthen Levee	Encroachments	LS	C	Pipe Inspector Comments: Aluminum sprinkler pipe placed on levee slope.	38.297005 ° -121.581079 °	38.297005 ° -121.581079 °	14
9	0.92	0.97	Supplemental	USACE Erosion Survey	WS	M	Inspector Comments: 2009: 5 ft berm, 1.5:1 slope, tree hazards and holes, clays and silts, 4.48 ft/s [2009 SiteID:STM_25-0_L]	38.293386 ° -121.582694 °	38.292683 ° -121.582917 °	26 Y
10	0.97	0.97	Earthen Levee	Encroachments	CR	W	Pipe Inspector Comments: Irrigation intake pipe through levee.	38.292662 ° -121.582536 °	38.292662 ° -121.582536 °	30 Y
11	1.01	1.03	Earthen Levee	Vegetation	LS	W	Remove the wild growth other than native grasses from the levee slopes. Inspector Comments: Vegetation on levee slope.	38.292052 ° -121.582671 °	38.291724 ° -121.582729 °	31 Y
12	1.04	1.08	Supplemental	USACE Erosion Survey	WS	M	Inspector Comments: 2009: no berm, 1.5:1 slope, tree hazards and holes, clays and silts, 4.9 ft/s [2009 SiteID:STM_24-8_L]	38.291703 ° -121.583033 °	38.291047 ° -121.583075 °	28 Y
13	1.08	1.09	Earthen Levee	Encroachments	LS	CO	Landscaping Inspector Comments: Picture no. 1	38.291055 ° -121.582765 °	38.290898 ° -121.582777 °	12 Y
14	1.21	1.27	Earthen Levee	Encroachments	LS	CO	Landscaping Inspector Comments: Picture no. 2	38.289210 ° -121.582770 °	38.288390 ° -121.582818 °	13 Y
15	1.28	1.33	Earthen Levee	Trim / Thin Trees	LS	M	Trim trees to at least five feet above ground level.	38.288183 ° -121.582808 °	38.287433 ° -121.582982 °	5 Y
16	1.32	1.32	Earthen Levee	Encroachments	WS	W	Pipe Inspector Comments: Irrigation intake pipe.	38.287518 ° -121.582953 °	38.287518 ° -121.582953 °	32 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. 0003 Grand Island

Waterway				Bank	Unit Miles	Inspection Start/End	Inspector			
Unit No. 01 Left Bank Steamboat Slough				Left	11.03	03/16/2011 03/16/2011	Richard Willoughby			
LMR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
17	1.40	1.40	Earthen Levee	Encroachments	LS	M	Equipment	38.286623 ° -121.583586 °	38.286614 ° -121.583583 °	33 Y
18	1.60	1.60	Earthen Levee	Trim / Thin Trees	LS	U	Trim trees to at least five feet above ground level. Inspector Comments: Picture no. 3	38.284777 ° -121.586340 °	38.284777 ° -121.586340 °	15 Y
19	1.61	1.61	Earthen Levee	Trim / Thin Trees	LS	U	Trim trees to at least five feet above ground level. Inspector Comments: Picture no. 4	38.284645 ° -121.586534 °	38.284645 ° -121.586534 °	7 Y
20	1.62	1.62	Earthen Levee	Encroachments	WS	W	Pipe Inspector Comments: USGS equipment and pipe penetration.	38.284604 ° -121.586597 °	38.284604 ° -121.586597 °	34 Y
21	1.64	1.66	Earthen Levee	Encroachments	LS	CO	Landscaping	38.284574 ° -121.586631 °	38.284177 ° -121.587208 °	16 Y
22	1.77	1.77	Earthen Levee	Encroachments	LS	M	Prunings	° °	° °	11 °
23	1.77	1.77	Earthen Levee	Trim / Thin Trees	LS	W	Trim trees to at least five feet above ground level.	38.282771 ° -121.588227 °	38.282771 ° -121.588227 °	8 °
24	1.87	1.87	Earthen Levee	Encroachments	WS	W	Pipe Inspector Comments: Irrigation intake pipe penetration.	38.281442 ° -121.588495 °	38.281442 ° -121.588495 °	35 °
25	2.07	2.07	Earthen Levee	Encroachments	WS	W	Pipe Inspector Comments: Pump shed on waterside slope.	38.278615 ° -121.588727 °	38.278615 ° -121.588727 °	36 Y
26	2.11	2.11	Earthen Levee	Encroachments	LS	M	Material	38.278070 ° -121.589033 °	38.278070 ° -121.589033 °	974 Y
27	2.14	2.14	Earthen Levee	Encroachments	WS	W	Pipe	38.277722 ° -121.589389 °	38.277722 ° -121.589389 °	37 °
28	2.31	2.31	Earthen Levee	Encroachments	WS	C	Tree or limb Inspector Comments: Down and bucked tree on levee slope.	38.275589 ° -121.589634 °	38.275589 ° -121.589634 °	38 °
29	2.46	2.46	Earthen Levee	Encroachments	WS	W	Pipe Inspector Comments: Irrigation intake pipe penetration.	38.274123 ° -121.587694 °	38.274123 ° -121.587694 °	40 °
30	2.80	2.83	Supplemental	USACE Erosion Survey	WS	M	Inspector Comments: 2009: no berm, 1.5:1 slope, tree hazards, clays and silts, 4.66 ft/s [2009 SiteID:STM_23-2_L]	38.269283 ° -121.588964 °	38.268858 ° -121.588656 °	29 Y
31	2.83	2.83	Earthen Levee	Encroachments	LS	PO	Landscaping	38.268844 ° -121.588264 °	38.268844 ° -121.588264 °	41 °
32	2.94	2.94	Earthen Levee	Encroachments	LS	W	Pipe	38.267578 ° -121.587391 °	38.267578 ° -121.587391 °	42 °
33	3.08	3.08	Earthen Levee	Encroachments	WS	W	Pipe Inspector Comments: 2 pipe penetrations.	38.265510 ° -121.587167 °	38.265510 ° -121.587167 °	46 °

* 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. 0003 Grand Island

Waterway			Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Left Bank Steamboat Slough			Left	11.03	03/16/2011 03/16/2011	Richard Willoughby

LMR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
34	3.13	3.15	Earthen Levee	Encroachments	LS	CO	Landscaping Inspector Comments: Oleander on landside shoulder. Picture no. 5	38.264902 ° -121.587193 °	38.264580 ° -121.587220 °	20 Y
35	3.18	3.18	Earthen Levee	Trim / Thin Trees	WS	N	Tree stumps. Inspector Comments: 6 large stumps on slope.	38.264154 ° -121.587242 °	38.264154 ° -121.587242 °	47
36	3.26	3.26	Earthen Levee	Encroachments	WS	W	Pipe Inspector Comments: Pipe crossing	38.263071 ° -121.587549 °	38.263071 ° -121.587549 °	49
37	3.26	3.26	Earthen Levee	Encroachments	WS	W	Pipe Inspector Comments: Pipe crossing	38.262991 ° -121.587599 °	38.262991 ° -121.587599 °	50
38	3.33	3.33	Earthen Levee	Encroachments	LS	CO	Landscaping Inspector Comments: Cactus	38.262289 ° -121.588250 °	38.262289 ° -121.588250 °	51 Y
39	3.52	3.52	Earthen Levee	Encroachments	CR	W	Pipe Inspector Comments: Abandoned pipe through levee.	38.261752 ° -121.591534 °	38.261752 ° -121.591534 °	52 Y
40	3.83	3.83	Earthen Levee	Vegetation	LS	W	Remove the wild growth other than native grasses from the levee slopes.	38.258481 ° -121.593753 °	38.258481 ° -121.593753 °	53
41	3.90	3.90	Earthen Levee	Trim / Thin Trees	LS	M	Trim and thin trees to allow visibility of the ground and room to flood fight.	38.257453 ° -121.593942 °	38.257453 ° -121.593942 °	9
42	4.08	4.08	Earthen Levee	Encroachments	WS	W	Pipe	38.255217 ° -121.595593 °	38.255217 ° -121.595593 °	39
43	4.12	4.12	Earthen Levee	Encroachments	WS	W	Pipe	38.254844 ° -121.596045 °	38.254844 ° -121.596045 °	54
44	4.16	4.16	Earthen Levee	Encroachments	LS	M	Prunings	38.254455 ° -121.596635 °	38.254092 ° -121.597554 °	55
45	4.18	4.18	Earthen Levee	Encroachments	LS	W	Pipe	38.254311 ° -121.596956 °	38.254311 ° -121.596956 °	56
46	4.30	4.49	Earthen Levee	Vegetation	LS	W	Remove the wild growth other than native grasses from the levee slopes.	38.253800 ° -121.599100 °	38.251824 ° -121.600980 °	57 Y
47	4.41	4.41	Earthen Levee	Encroachments	WS	W	Pipe	38.252971 ° -121.600710 °	38.252971 ° -121.600710 °	58
48	5.25	5.25	Earthen Levee	Encroachments	WS	W	Pipe Inspector Comments: Pipe crossing	38.240973 ° -121.601374 °	38.240973 ° -121.601374 °	59
49	5.33	5.33	Earthen Levee	Vegetation	LS	M	Remove the wild growth other than native grasses from the levee slopes. Inspector Comments: Century plant on landside slope next to ramp.	38.239886 ° -121.601752 °	38.239886 ° -121.601752 °	61 Y
50	5.37	5.40	Earthen Levee	Encroachments	LS	PO	Landscaping	38.239276 ° -121.601899 °	38.238852 ° -121.602000 °	43
51	5.48	5.50	Earthen Levee	Trim / Thin Trees	LS	M	Trim trees to at least five feet above ground level.	38.237690 ° -121.602231 °	38.236575 ° -121.602155 °	44

<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. 0003 Grand Island

Waterway				Bank	Unit Miles	Inspection Start/End	Inspector			
Unit No. 01 Left Bank Steamboat Slough				Left	11.03	03/16/2011 03/16/2011	Richard Willoughby			
LMR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
52	5.53	5.53	Earthen Levee	Encroachments	LS	CO	Landscaping	38.237000 ° -121.602208 °	38.237000 ° -121.602208 °	45
53	5.67	5.67	Earthen Levee	Encroachments	LS	W	Pipe Inspector Comments: Pipe crossing	38.235049 ° -121.601810 °	38.235049 ° -121.601810 °	62
54	5.70	5.70	Earthen Levee	Encroachments	LS	M	Equipment Inspector Comments: Landplane at toe of levee.	38.234628 ° -121.601726 °	38.234628 ° -121.601726 °	63 Y
55	5.76	5.76	Earthen Levee	Encroachments	LS	PO	Landscaping	38.233767 ° -121.601469 °	38.233767 ° -121.601469 °	64 Y
56	5.98	5.98	Earthen Levee	Encroachments	WS	W	Pipe Inspector Comments: Pipe crossing	38.230616 ° -121.601643 °	38.230616 ° -121.601643 °	65
57	6.26	6.26	Earthen Levee	Encroachments	CR	W	Pipe Inspector Comments: Abandoned pipe	38.226430 ° -121.601432 °	38.226430 ° -121.601432 °	66
58	6.55	6.55	Earthen Levee	Encroachments	CR	W	Pipe Inspector Comments: Abandoned pipe	38.222481 ° -121.600987 °	38.222481 ° -121.600987 °	68
59	6.76	6.76	Earthen Levee	Encroachments	LS	W	Pipe Inspector Comments: Drainage pipe crossing	38.219603 ° -121.601767 °	38.219603 ° -121.601767 °	69 Y
60	6.90	6.90	Earthen Levee	Encroachments	WS	W	Pipe Inspector Comments: Pipe crossing	38.217893 ° -121.603146 °	38.217893 ° -121.603146 °	70
61	7.05	7.05	Earthen Levee	Encroachments	CR	W	Pipe Inspector Comments: Pipe crossing	38.215976 ° -121.604370 °	38.215976 ° -121.604370 °	71
62	7.08	7.10	Earthen Levee	Encroachments	LS	PO	Landscaping Inspector Comments: Remove century plant on landside shoulder and slope. Picture no. 7	38.215490 ° -121.604700 °	38.215355 ° -121.604793 °	23 Y
63	7.22	7.49	Earthen Levee	Vegetation	WS	W	Remove the wild growth other than native grasses from the levee slopes. Inspector Comments: Vegetation near boat launch obstructs visibility.	38.213785 ° -121.605671 °	38.210179 ° -121.607686 °	72 Y
64	7.49	7.49	Earthen Levee	Vegetation	LS	W	Remove the wild growth other than native grasses from the levee slopes.	38.210178 ° -121.607687 °	38.210178 ° -121.607687 °	73
65	7.68	7.68	Earthen Levee	Encroachments	WS	CO	Landscaping	38.207640 ° -121.609334 °	38.207640 ° -121.609334 °	75 Y
66	7.69	7.69	Earthen Levee	Encroachments	LS	CO	Buildings	38.207666 ° -121.609327 °	38.207666 ° -121.609327 °	74 Y
67	7.73	7.73	Earthen Levee	Encroachments	LS	CO	Landscaping	38.207036 ° -121.609540 °	38.207036 ° -121.609540 °	76
68	7.81	7.83	Earthen Levee	Encroachments	WS	CO	Landscaping	38.205964 ° -121.609576 °	38.205733 ° -121.609608 °	971 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

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2011

Reclamation District No. 0003 Grand Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Left Bank Steamboat Slough	Left	11.03	03/16/2011 03/16/2011	Richard Willoughby

LMR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
69	7.84	8.31	Earthen Levee	Encroachments	LS	CO	Landscaping Inspector Comments: Trees within 10' of levee toe obstruct access and visibility of levee toe.	38.205243 ° -121.609689 °	38.198989 ° -121.611815 °	78 Y
70	7.84	7.84	Earthen Levee	Encroachments	WS	W	Pipe Inspector Comments: Pipe crossing	38.205254 ° -121.609686 °	38.205254 ° -121.609686 °	77
71	7.95	8.00	Earthen Levee	Encroachments	LS	CO	Landscaping	38.203945 ° -121.609932 °	38.203283 ° -121.610025 °	25 Y
72	7.99	7.99	Earthen Levee	Encroachments	WS	W	Pipe Inspector Comments: Pipe crossing	38.203173 ° -121.610047 °	38.203173 ° -121.610047 °	79
73	8.12	8.12	Earthen Levee	Encroachments	WS	W	Pipe Inspector Comments: Pipe crossing	38.201582 ° -121.610448 °	38.201582 ° -121.610448 °	80
74	8.18	8.18	Earthen Levee	Encroachments	WS	W	Pipe Inspector Comments: Pipe crossing	38.200684 ° -121.610858 °	38.200684 ° -121.610858 °	81
75	8.31	8.31	Earthen Levee	Encroachments	LS	W	Pipe	38.198989 ° -121.611816 °	38.198989 ° -121.611816 °	82
76	8.36	8.36	Earthen Levee	Encroachments	WS	W	Pipe	38.198307 ° -121.612240 °	38.198307 ° -121.612240 °	83
77	8.45	8.45	Earthen Levee	Encroachments	LS	PO	Landscaping	38.197194 ° -121.612947 °	38.197194 ° -121.612947 °	17
78	8.72	8.72	Earthen Levee	Encroachments	WS	W	Pipe	38.194531 ° -121.616327 °	38.194531 ° -121.616327 °	84
79	8.75	8.75	Earthen Levee	Encroachments	WS	W	Pipe Inspector Comments: RD 3 drainage discharge pipes. (3)	38.194295 ° -121.616896 °	38.194295 ° -121.616896 °	85 Y
80	8.85	8.85	Earthen Levee	Encroachments	WS	W	Pipe	38.193706 ° -121.618549 °	38.193706 ° -121.618549 °	86
81	8.95	8.95	Earthen Levee	Trim / Thin Trees	LS	N	Tree stumps.	38.193142 ° -121.620206 °	38.193142 ° -121.620206 °	18
82	9.04	9.04	Earthen Levee	Encroachments	WS	W	Pipe	38.192702 ° -121.621754 °	38.192702 ° -121.621754 °	87
83	9.19	9.19	Earthen Levee	Erosion / Bank Caving	WS	M	Schedule repair of erosion site prior to the next inspection. Inspector Comments: Erosion around pipe penetration	38.192301 ° -121.624394 °	38.192301 ° -121.624394 °	89 Y
84	9.19	9.19	Earthen Levee	Encroachments	WS	W	Pipe	38.192306 ° -121.624473 °	38.192306 ° -121.624473 °	88 Y
85	10.19	10.19	Earthen Levee	Encroachments	WS	W	Pipe	38.188725 ° -121.641070 °	38.188725 ° -121.641070 °	90
86	10.20	10.22	Earthen Levee	Trim / Thin Trees	LS	M	Trim and thin trees to allow visibility of the ground and room to flood fight. Inspector Comments: Picture no. 8	38.188613 ° -121.641175 °	38.188388 ° -121.641485 °	27 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. 0003 Grand Island

Waterway			Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Left Bank Steamboat Slough			Left	11.03	03/16/2011 03/16/2011	Richard Willoughby

LMR No.	Levee Mile		Category	Item	* Location	** Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
87	10.53	10.53	Earthen Levee	Encroachments	LS	W	Pipe	38.185029 ° -121.645154 °	38.185029 ° -121.645154 °	91
88	10.87	11.01	Earthen Levee	Trim / Thin Trees	WS	M	Trim trees to at least five feet above ground level.	38.183204 ° -121.650861 °	38.182481 ° -121.653199 °	19
89	10.87	11.01	Earthen Levee	Vegetation	LS	M	Remove the wild growth other than native grasses from the levee slopes. Inspector Comments: Photo of obstructive vegetation beyond levee mile 10.87	38.183204 ° -121.650861 °	38.182481 ° -121.653199 °	92 Y

<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. 0003 Grand Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Left Bank Steamboat Slough	Left	11.03	03/16/2011 03/16/2011	Richard Willoughby

Levee Mile Report Line	3
Start Levee Mile	0.18
End Levee Mile	0.25
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey
2009: 5 ft berm, 1.5:1 slope, tree hazards, holes, and slumping, clays and silts, 4.76 ft/s [2009 SiteID:STM_26-0_L]	
richard_s_20110215_024.JPG	



Levee Mile Report Line	4
Start Levee Mile	0.22
End Levee Mile	0.33
Location	Water Side
Category	Earthen Levee
Item	Encroachments
Dense landscaping on waterside from LM 0.22 to 0.28	
richard_s_20110215_015.jpg	



Levee Mile Report Line	4
Start Levee Mile	0.22
End Levee Mile	0.33
Location	Water Side
Category	Earthen Levee
Item	Encroachments
Looking upstream at dense landscaping on waterside slope from LM 0.22 to 0.28	
richard_s_20110215_016.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. 0003 Grand Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Left Bank Steamboat Slough	Left	11.03	03/16/2011 03/16/2011	Richard Willoughby

Levee Mile Report Line	9
Start Levee Mile	0.92
End Levee Mile	0.97
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey
2009: 5 ft berm, 1.5:1 slope, tree hazards and holes, clays and silts, 4.48 ft/s [2009 SiteID:STM_25-0_L]	
richard_s_20110215_026.JPG	



Levee Mile Report Line	10
Start Levee Mile	0.97
End Levee Mile	0.97
Location	Crown
Category	Earthen Levee
Item	Encroachments
Irrigation intake pipe from Steamboat Slough.	
richard_s_20110215_032.jpg	



Levee Mile Report Line	11
Start Levee Mile	1.01
End Levee Mile	1.03
Location	Land Side
Category	Earthen Levee
Item	Vegetation
Grass on levee slope and toe exceeds 12" and partially obstructs visibility.	
richard_s_20110215_033.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. 0003 Grand Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Left Bank Steamboat Slough	Left	11.03	03/16/2011 03/16/2011	Richard Willoughby

Levee Mile Report Line	12
Start Levee Mile	1.04
End Levee Mile	1.08
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey
2009: no berm, 1.5:1 slope, tree hazards and holes, clays and silts, 4.9 ft/s [2009 SiteID:STM_24-8_L]	
richard_s_20110215_030.JPG	



Levee Mile Report Line	13
Start Levee Mile	1.08
End Levee Mile	1.09
Location	Land Side
Category	Earthen Levee
Item	Encroachments
Down tree limbs on landside slope from LM 1.08 to 1.09	
richard_s_20110215_018.jpg	



Levee Mile Report Line	14
Start Levee Mile	1.21
End Levee Mile	1.27
Location	Land Side
Category	Earthen Levee
Item	Encroachments
Landscaping on landside slope block view of levee from LM 1.21 to 1.27	
richard_s_20110215_019.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. 0003 Grand Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Left Bank Steamboat Slough	Left	11.03	03/16/2011 03/16/2011	Richard Willoughby

Levee Mile Report Line	15
Start Levee Mile	1.28
End Levee Mile	1.33
Location	Land Side
Category	Earthen Levee
Item	Trim / Thin Trees
Looking northeast at dense vegetation on waterside slope.	
richard_s_20110318_448.jpg	



Levee Mile Report Line	16
Start Levee Mile	1.32
End Levee Mile	1.32
Location	Water Side
Category	Earthen Levee
Item	Encroachments
Irrigation pipe penetration.	
richard_s_20110215_034.jpg	



Levee Mile Report Line	17
Start Levee Mile	1.40
End Levee Mile	1.40
Location	Land Side
Category	Earthen Levee
Item	Encroachments
Equipment on levee slope and within 10' of levee toe obstructs access and visibility.	
richard_s_20110215_035.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. 0003 Grand Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Left Bank Steamboat Slough	Left	11.03	03/16/2011 03/16/2011	Richard Willoughby

Levee Mile Report Line	18
Start Levee Mile	1.60
End Levee Mile	1.60
Location	Land Side
Category	Earthen Levee
Item	Trim / Thin Trees
Looking southeast at dense trees on landside shoulder and slope.	
richard_s_20110215_020.jpg	



Levee Mile Report Line	19
Start Levee Mile	1.61
End Levee Mile	1.61
Location	Land Side
Category	Earthen Levee
Item	Trim / Thin Trees
Looking northeast at dense trees on landside slope.	
richard_s_20110215_017.jpg	



Levee Mile Report Line	20
Start Levee Mile	1.62
End Levee Mile	1.62
Location	Water Side
Category	Earthen Levee
Item	Encroachments
Photo of pipe penetration and USGS equipment.	
richard_s_20110215_036.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. 0003 Grand Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Left Bank Steamboat Slough	Left	11.03	03/16/2011 03/16/2011	Richard Willoughby

Levee Mile Report Line	21
Start Levee Mile	1.64
End Levee Mile	1.66
Location	Land Side
Category	Earthen Levee
Item	Encroachments
Looking southwest at dense landscaping on landside shoulder and slope.	
richard_s_20110318_449.jpg	



Levee Mile Report Line	25
Start Levee Mile	2.07
End Levee Mile	2.07
Location	Water Side
Category	Earthen Levee
Item	Encroachments
Pipe penetration and pump shed on waterside slope.	
richard_s_20110215_037.jpg	



Levee Mile Report Line	26
Start Levee Mile	2.11
End Levee Mile	2.11
Location	Land Side
Category	Earthen Levee
Item	Encroachments
Looking northeast at concrete rubble at landside shoulder and ramp.	
richard_s_20110215_053.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. 0003 Grand Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Left Bank Steamboat Slough	Left	11.03	03/16/2011 03/16/2011	Richard Willoughby

Levee Mile Report Line	26
Start Levee Mile	2.11
End Levee Mile	2.11
Location	Land Side
Category	Earthen Levee
Item	Encroachments
Looking north at equipment and storage containers at landside toe.	
richard_s_20110215_054.jpg	



Levee Mile Report Line	30
Start Levee Mile	2.80
End Levee Mile	2.83
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey
2009: no berm, 1.5:1 slope, tree hazards, clays and silts, 4.66 ft/s [2009 SiteID:STM_23-2_L]	
richard_s_20110215_031.JPG	



Levee Mile Report Line	34
Start Levee Mile	3.13
End Levee Mile	3.15
Location	Land Side
Category	Earthen Levee
Item	Encroachments
Looking northeast at dense veg. on landside slope.	
richard_s_20110215_021.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. 0003 Grand Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Left Bank Steamboat Slough	Left	11.03	03/16/2011 03/16/2011	Richard Willoughby

Levee Mile Report Line	38
Start Levee Mile	3.33
End Levee Mile	3.33
Location	Land Side
Category	Earthen Levee
Item	Encroachments
Large cactus on upper levee slope obstructs access and visibility.	
richard_s_20110215_038.jpg	



Levee Mile Report Line	39
Start Levee Mile	3.52
End Levee Mile	3.52
Location	Crown
Category	Earthen Levee
Item	Encroachments
Abandoned pipe penetration. Pipe has been grouted.	
richard_s_20110215_039.jpg	



Levee Mile Report Line	46
Start Levee Mile	4.30
End Levee Mile	4.49
Location	Land Side
Category	Earthen Levee
Item	Vegetation
Vegetation on levee slopes and toe partially obstruct visibility.	
richard_s_20110215_040.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. 0003 Grand Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Left Bank Steamboat Slough	Left	11.03	03/16/2011 03/16/2011	Richard Willoughby

Levee Mile Report Line	49
Start Levee Mile	5.33
End Levee Mile	5.33
Location	Land Side
Category	Earthen Levee
Item	Vegetation
Looking west a century plants on landside slope next to a ramp.	
richard_s_20110318_450.jpg	



Levee Mile Report Line	54
Start Levee Mile	5.70
End Levee Mile	5.70
Location	Land Side
Category	Earthen Levee
Item	Encroachments
Looking east at dense vegetation covering farm equipment on landside toe.	
richard_s_20110318_451.jpg	



Levee Mile Report Line	55
Start Levee Mile	5.76
End Levee Mile	5.76
Location	Land Side
Category	Earthen Levee
Item	Encroachments
Landscaping on levee slope and within 10' of levee toe obstruct visibility and access.	
richard_s_20110215_041.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. 0003 Grand Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Left Bank Steamboat Slough	Left	11.03	03/16/2011 03/16/2011	Richard Willoughby

Levee Mile Report Line	59
Start Levee Mile	6.76
End Levee Mile	6.76
Location	Land Side
Category	Earthen Levee
Item	Encroachments
Interior drainage discharge pipe penetrates levee.	
richard_s_20110215_043.jpg	



Levee Mile Report Line	62
Start Levee Mile	7.08
End Levee Mile	7.10
Location	Land Side
Category	Earthen Levee
Item	Encroachments
Large Cactus plant on landside shoulder block view of levee slope from LM 7.08 to 7.10	
richard_s_20110215_022.jpg	



Levee Mile Report Line	62
Start Levee Mile	7.08
End Levee Mile	7.10
Location	Land Side
Category	Earthen Levee
Item	Encroachments
Looking northeast at updated picture (5/2010) century plant on landside shoulder and slope.	
richard_s_20110215_023.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. 0003 Grand Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Left Bank Steamboat Slough	Left	11.03	03/16/2011 03/16/2011	Richard Willoughby

Levee Mile Report Line	63
Start Levee Mile	7.22
End Levee Mile	7.49
Location	Water Side
Category	Earthen Levee
Item	Vegetation
Vegetation on levee slope near boat launch is partially obstructive.	
richard_s_20110215_044.jpg	



Levee Mile Report Line	65
Start Levee Mile	7.68
End Levee Mile	7.68
Location	Water Side
Category	Earthen Levee
Item	Encroachments
Looking southwest at landscaping in front of a house on waterside berm. Also not in the picture a building on landside berm.	
richard_s_20110318_452.jpg	



Levee Mile Report Line	66
Start Levee Mile	7.69
End Levee Mile	7.69
Location	Land Side
Category	Earthen Levee
Item	Encroachments
Buildings obstruct access and visibility of levee slope and toe.	
richard_s_20110215_045.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. 0003 Grand Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Left Bank Steamboat Slough	Left	11.03	03/16/2011 03/16/2011	Richard Willoughby

Levee Mile Report Line	68
Start Levee Mile	7.81
End Levee Mile	7.83
Location	Water Side
Category	Earthen Levee
Item	Encroachments

Front view of dense trees at landside toe.

richard_s_20110215_051.jpg



Levee Mile Report Line	68
Start Levee Mile	7.81
End Levee Mile	7.83
Location	Water Side
Category	Earthen Levee
Item	Encroachments

Side view of dense trees at landside toe.

richard_s_20110215_052.jpg



Levee Mile Report Line	69
Start Levee Mile	7.84
End Levee Mile	8.31
Location	Land Side
Category	Earthen Levee
Item	Encroachments

Trees within 10' of levee toe obstruct access and visibility of levee toe.

richard_s_20110215_046.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. 0003 Grand Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Left Bank Steamboat Slough	Left	11.03	03/16/2011 03/16/2011	Richard Willoughby

Levee Mile Report Line	71
Start Levee Mile	7.95
End Levee Mile	8.00
Location	Land Side
Category	Earthen Levee
Item	Encroachments
Landscaping (Ivy) on landside slope blocking view of levee from LM 7.95 to 8.00	
richard_s_20110215_025.jpg	



Levee Mile Report Line	79
Start Levee Mile	8.75
End Levee Mile	8.75
Location	Water Side
Category	Earthen Levee
Item	Encroachments
Interior drainage discharge pipes penetrate levee.	
richard_s_20110215_047.jpg	



Levee Mile Report Line	83
Start Levee Mile	9.19
End Levee Mile	9.19
Location	Water Side
Category	Earthen Levee
Item	Erosion / Bank Caving
Erosion occurring around pipe penetration.	
richard_s_20110215_049.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. 0003 Grand Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Left Bank Steamboat Slough	Left	11.03	03/16/2011 03/16/2011	Richard Willoughby

Levee Mile Report Line	84
Start Levee Mile	9.19
End Levee Mile	9.19
Location	Water Side
Category	Earthen Levee
Item	Encroachments
Pipe penetration showing newer pipe next to abandoned pipe.	
richard_s_20110215_048.jpg	



Levee Mile Report Line	86
Start Levee Mile	10.20
End Levee Mile	10.22
Location	Land Side
Category	Earthen Levee
Item	Trim / Thin Trees
Trees to be trimmed on landside shoulder from LM 10.20 to 10.22	
richard_s_20110215_027.jpg	



Levee Mile Report Line	86
Start Levee Mile	10.20
End Levee Mile	10.22
Location	Land Side
Category	Earthen Levee
Item	Trim / Thin Trees
Side view of trees on landside shoulder.	
richard_s_20110215_028.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. 0003 Grand Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Left Bank Steamboat Slough	Left	11.03	03/16/2011 03/16/2011	Richard Willoughby

Levee Mile Report Line	86
Start Levee Mile	10.20
End Levee Mile	10.22
Location	Land Side
Category	Earthen Levee
Item	Trim / Thin Trees
Looking north at updated picture (5/10) of dense trees on landside slope.	
richard_s_20110215_029.jpg	



Levee Mile Report Line	89
Start Levee Mile	10.87
End Levee Mile	11.01
Location	Land Side
Category	Earthen Levee
Item	Vegetation
Photo from locked gate of obstructive vegetation on levee slopes and crown.	
richard_s_20110215_050.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**

Unit Cover Sheet

Spring 2011 Levee Inspection Results

Reclamation District No. 0003 Grand Island

Waterway	Bank	Unit Miles
Unit No. 02 Right Bank Sacramento River	Right	17.62

	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)				
Date of Inspection	3/17/2011 - 3/17/2011			
DWR Inspector	Richard Willoughby			
Accompanied By	Michael Moncrief MBK			

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. 0003 Grand Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Right Bank Sacramento River	Right	17.62	03/17/2011 03/17/2011	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	0.40	Earthen Levee	Vegetation	LS	M	Remove the wild growth other than native grasses from the levee slopes. Inspector Comments: Obstructive vegetation on levee slope.	38.175971 ° -121.653764 °	38.175971 ° -121.647142 °	73 Y
2	0.00	17.62	Earthen Levee	Vegetation	WS	M	Control annual grass and weeds on the levee slopes and easements.	° °	° °	2
3	0.00	17.62	Earthen Levee	Vegetation	LS	M	Control annual grass and weeds on the levee slopes and easements.	° °	° °	9
4	0.17	0.17	Earthen Levee	Trim / Thin Trees	WS	M	Trim trees to at least five feet above ground level.	38.174890 ° -121.651031 °	38.174890 ° -121.651031 °	3
5	0.25	0.25	Earthen Levee	Trim / Thin Trees	LS	M	Trim trees over roadway to at least 12 feet above ground level.	38.174504 ° -121.649651 °	38.174504 ° -121.649651 °	4
6	0.31	0.33	Earthen Levee	Vegetation	WS	U	Remove the wild growth other than native grasses from the levee slopes. Inspector Comments: Picture no. 9	38.174281 ° -121.648698 °	38.174209 ° -121.648352 °	5 Y
7	0.40	0.40	Earthen Levee	Erosion / Bank Caving	WS	M	Schedule repair of erosion site prior to the next inspection.	38.173989 ° -121.647142 °	38.173989 ° -121.647142 °	1 Y
8	1.32	1.32	Earthen Levee	Encroachments	WS	W	Pipe	38.171005 ° -121.631524 °	38.171005 ° -121.631524 °	39
9	1.71	1.71	Earthen Levee	Encroachments	WS	W	Pipe	38.167958 ° -121.625706 °	38.167958 ° -121.625706 °	40
10	1.93	1.98	Earthen Levee	Encroachments	WS	CO	Landscaping	38.166525 ° -121.622201 °	38.166176 ° -121.621332 °	70 Y
11	2.50	2.50	Earthen Levee	Trim / Thin Trees	LS	W	Trim trees to at least five feet above ground level.	38.164369 ° -121.612548 °	38.164369 ° -121.612548 °	6
12	2.78	2.78	Earthen Levee	Trim / Thin Trees	LS	M	Trim trees to at least five feet above ground level.	38.164676 ° -121.607479 °	38.164676 ° -121.607479 °	951
13	2.88	2.88	Earthen Levee	Encroachments	LS	C	Debris	38.164954 ° -121.605806 °	38.164954 ° -121.605806 °	41
14	2.91	2.91	Earthen Levee	Encroachments	CR	W	Pipe Inspector Comments: Gas Pipeline	38.165065 ° -121.605275 °	38.165065 ° -121.605275 °	42
15	2.91	2.91	Earthen Levee	Encroachments	WS	W	Pipe Inspector Comments: Pipe crossing	38.165110 ° -121.605143 °	38.165110 ° -121.605143 °	43
16	3.29	3.29	Earthen Levee	Trim / Thin Trees	LS	M	Trim trees to at least five feet above ground level.	38.167808 ° -121.599557 °	38.167808 ° -121.599557 °	7 Y
17	3.32	3.32	Earthen Levee	Vegetation	LS	M	Remove the wild growth other than native grasses from the levee slopes. Inspector Comments: Obstructive blackberry.	38.168134 ° -121.599028 °	38.168134 ° -121.599028 °	44 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

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2011

Reclamation District No. 0003 Grand Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Right Bank Sacramento River	Right	17.62	03/17/2011 03/17/2011	Richard Willoughby

LMR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
18	3.39	3.39	Earthen Levee	Encroachments	WS	M	Pipe Inspector Comments: Pipe penetration.	38.168734 ° -121.598183 °	38.168734 ° -121.598183 °	45 Y
19	3.41	3.41	Earthen Levee	Encroachments	LS	CO	Landscaping Inspector Comments: Iceplant	38.169061 ° -121.597765 °	38.169061 ° -121.597765 °	46
20	3.83	3.92	Earthen Levee	Trim / Thin Trees	LS	M	Trim trees to at least five feet above ground level.	38.173977 ° -121.593725 °	38.175118 ° -121.592925 °	8
21	3.87	3.87	Earthen Levee	Vegetation	LS	M	Remove the wild growth other than native grasses from the levee slopes.	38.174430 ° -121.593372 °	38.174430 ° -121.593372 °	952 Y
22	3.87	3.87	Earthen Levee	Encroachments	WS	W	Pipe	38.174478 ° -121.593368 °	38.174478 ° -121.593368 °	47
23	3.90	3.92	Earthen Levee	Trim / Thin Trees	LS	M	Trim trees to at least five feet above ground level.	38.174817 ° -121.593110 °	38.175077 ° -121.592965 °	953
24	4.22	4.22	Earthen Levee	Vegetation	LS	M	Remove the wild growth other than native grasses from the levee slopes. Inspector Comments: Cactus on landside and waterside slope	° °	° °	15 Y
25	4.24	4.24	Earthen Levee	Trim / Thin Trees	LS	M	Trim trees to at least five feet above ground level.	38.179160 ° -121.590247 °	38.179160 ° -121.590247 °	48
26	4.35	4.35	Earthen Levee	Trim / Thin Trees	LS	M	Trim trees to at least five feet above ground level.	38.180361 ° -121.589127 °	38.180361 ° -121.589127 °	10
27	4.36	4.42	Earthen Levee	Encroachments	LS	CO	Landscaping	38.180531 ° -121.589103 °	38.181330 ° -121.588480 °	92 Y
28	4.50	4.50	Earthen Levee	Encroachments	LS	W	Pipe	38.182290 ° -121.587641 °	38.182290 ° -121.587641 °	49
29	4.59	4.59	Earthen Levee	Encroachments	LS	W	Pipe	38.183468 ° -121.586634 °	38.183468 ° -121.586634 °	51
30	4.72	4.80	Earthen Levee	Encroachments	LS	CO	Landscaping	38.184832 ° -121.585386 °	38.185737 ° -121.584473 °	13
31	4.98	4.98	Earthen Levee	Encroachments	WS	W	Pipe	38.187660 ° -121.582438 °	38.187660 ° -121.582438 °	52
32	5.05	5.10	Earthen Levee	Trim / Thin Trees	LS	M	Thin trees to allow visibility of the ground and room to flood fight.	38.188344 ° -121.581414 °	38.188748 ° -121.580743 °	14
33	5.65	5.68	Earthen Levee	Encroachments	LS	CO	Fences	° °	° °	21
34	5.94	6.00	Earthen Levee	Encroachments	LS	CO	Landscaping	38.193552 ° -121.566933 °	38.193832 ° -121.565995 °	11 Y
35	6.21	6.21	Earthen Levee	Encroachments	LS	PO	Crops Inspector Comments: Orchard on lower levee slope	38.195586 ° -121.562669 °	38.195586 ° -121.562669 °	54

* 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. 0003 Grand Island

Waterway			Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Right Bank Sacramento River			Right	17.62	03/17/2011 03/17/2011	Richard Willoughby

LMR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
36	6.66	6.69	Earthen Levee	Encroachments	LS	CO	Landscaping	38.201255 ° -121.558977 °	38.201634 ° -121.558886 °	88
37	7.02	7.04	Earthen Levee	Trim / Thin Trees	LS	U	Trim trees to at least five feet above ground level. Inspector Comments: Picture no. 10	38.206363 ° -121.558520 °	38.206598 ° -121.558530 °	12 Y
38	7.16	7.16	Earthen Levee	Vegetation	LS	U	Remove the wild growth other than native grasses from the levee slopes.	38.208205 ° -121.558565 °	38.208205 ° -121.558565 °	16 Y
39	7.38	7.38	Earthen Levee	Encroachments	LS	CO	Landscaping	38.211357 ° -121.558468 °	38.211357 ° -121.558468 °	55 Y
40	7.86	7.86	Earthen Levee	Encroachments	LS	CO	Landscaping Inspector Comments: photo w 4sale sign	38.218235 ° -121.558481 °	38.218235 ° -121.558481 °	56
41	8.20	8.20	Earthen Levee	Encroachments	LS	M	Prunings	38.223099 ° -121.557537 °	38.223099 ° -121.557537 °	57
42	8.27	8.27	Earthen Levee	Encroachments	WS	W	Pipe Inspector Comments: Tunnel	38.224112 ° -121.557202 °	38.224112 ° -121.557202 °	58 Y
43	8.41	8.41	Earthen Levee	Trim / Thin Trees	LS	M	Trim trees to at least five feet above ground level. Inspector Comments: Fallen tree on levee slope.	38.226073 ° -121.557018 °	38.226073 ° -121.557018 °	17
44	8.60	8.60	Earthen Levee	Encroachments	WS	M	Material Inspector Comments: Concrete footings and retaining walls at levee toe and slopes.	38.228793 ° -121.557233 °	38.228793 ° -121.557233 °	59
45	9.14	9.14	Earthen Levee	Trim / Thin Trees	LS	M	Trim trees to at least five feet above ground level.	° °	° °	23
46	9.20	9.20	Earthen Levee	Encroachments	LS	CO	Landscaping	38.236999 ° -121.559412 °	38.236999 ° -121.559412 °	61
47	9.23	9.31	Earthen Levee	Encroachments	LS	CO	Buildings Inspector Comments: Ryde, CA	38.237346 ° -121.559154 °	38.238329 ° -121.558534 °	62
48	9.47	9.47	Earthen Levee	Trim / Thin Trees	LS	M	Trim trees to at least five feet above ground level.	38.240337 ° -121.556870 °	38.240337 ° -121.556870 °	63
49	9.53	9.70	Earthen Levee	Encroachments	LS	PO	Landscaping	38.240926 ° -121.556160 °	38.242206 ° -121.553616 °	18
50	9.75	9.85	Earthen Levee	Trim / Thin Trees	LS	W	Trim trees to at least five feet above ground level.	38.242386 ° -121.552699 °	38.242519 ° -121.550864 °	64
51	10.01	10.10	Earthen Levee	Encroachments	LS	PO	Landscaping Inspector Comments: Ivy on slope.	38.242228 ° -121.548090 °	38.241926 ° -121.546406 °	65
52	10.13	10.13	Earthen Levee	Encroachments	LS	CO	Fences	38.241880 ° -121.546108 °	38.241880 ° -121.546108 °	19 Y
53	10.24	10.29	Earthen Levee	Encroachments	LS	PO	Landscaping	38.241551 ° -121.544035 °	38.241422 ° -121.543236 °	85
54	10.34	10.38	Earthen Levee	Trim / Thin Trees	LS	M	Trim trees to at least five feet above ground level.	38.241160 ° -121.542377 °	38.241005 ° -121.541618 °	22

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2011

Reclamation District No. 0003 Grand Island

Waterway		Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Right Bank Sacramento River		Right	17.62	03/17/2011 03/17/2011	Richard Willoughby

LMR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
55	10.74	10.74	Earthen Levee	Encroachments	LS	CO	Landscaping	38.239499 ° -121.535338 °	38.239499 ° -121.535338 °	66 Y
56	10.98	10.98	Earthen Levee	Encroachments	LS	CO	Landscaping	38.238812 ° -121.531031 °	38.238812 ° -121.531031 °	67 Y
57	11.02	11.11	Earthen Levee	Encroachments	LS	CO	Landscaping	38.238817 ° -121.530372 °	38.238959 ° -121.528758 °	68
58	11.12	11.35	Earthen Levee	Encroachments	LS	CO	Landscaping	38.238998 ° -121.528585 °	38.239825 ° -121.524558 °	69 Y
59	11.44	11.44	Earthen Levee	Trim / Thin Trees	LS	M	Trim trees to at least five feet above ground level.	° °	° °	26
60	11.79	11.79	Earthen Levee	Trim / Thin Trees	LS	M	Trim trees to at least five feet above ground level.	38.241300 ° -121.517073 °	38.241300 ° -121.517073 °	24
61	11.86	11.95	Earthen Levee	Encroachments	LS	CO	Buildings Inspector Comments: Walnut Grove, CA	38.242035 ° -121.516134 °	38.243125 ° -121.515229 °	71
62	12.03	12.07	Earthen Levee	Encroachments	LS	CO	Landscaping	38.243915 ° -121.514254 °	38.244392 ° -121.513740 °	83
63	12.23	12.30	Earthen Levee	Encroachments	LS	CO	Landscaping	38.246310 ° -121.512157 °	38.247332 ° -121.511773 °	31
64	12.33	12.40	Earthen Levee	Encroachments	LS	CO	Landscaping	38.247788 ° -121.511695 °	38.248682 ° -121.511657 °	32
65	12.48	12.55	Earthen Levee	Encroachments	LS	CO	Landscaping	38.249920 ° -121.511845 °	38.250808 ° -121.512152 °	34
66	12.49	12.49	Earthen Levee	Trim / Thin Trees	WS	W	Trim trees to at least five feet above ground level.	38.249937 ° -121.511834 °	38.249937 ° -121.511834 °	25
67	12.60	12.63	Earthen Levee	Encroachments	LS	CO	Landscaping	38.251463 ° -121.512458 °	38.251873 ° -121.512678 °	35
68	12.77	12.85	Earthen Levee	Encroachments	LS	CO	Landscaping	38.253593 ° -121.513883 °	38.254590 ° -121.514862 °	37
69	13.26	13.29	Earthen Levee	Encroachments	LS	CO	Landscaping	38.258703 ° -121.520160 °	38.259003 ° -121.520557 °	82
70	13.90	13.90	Earthen Levee	Trim / Thin Trees	LS	M	Trim trees to at least five feet above ground level.	° °	° °	27
71	14.20	14.20	Earthen Levee	Trim / Thin Trees	LS	M	Trim trees to at least five feet above ground level.	38.267991 ° -121.532340 °	38.267991 ° -121.532340 °	33
72	14.36	14.38	Earthen Levee	Encroachments	LS	CO	Landscaping	38.269642 ° -121.534540 °	38.269882 ° -121.534863 °	50
73	14.93	15.09	Earthen Levee	Encroachments	LS	CO	Landscaping	38.275256 ° -121.542099 °	38.276857 ° -121.543988 °	72

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2011

Reclamation District No. 0003 Grand Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Right Bank Sacramento River	Right	17.62	03/17/2011 03/17/2011	Richard Willoughby

LMR No.	Levee Mile		Category	Item	* Location	** Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
74	15.20	15.27	Earthen Levee	Encroachments	LS PO	Landscaping		38.278237 ° -121.545405 °	38.278930 ° -121.546218 °	53
75	15.84	15.93	Earthen Levee	Encroachments	LS CO	Landscaping		38.284124 ° -121.554084 °	38.285129 ° -121.555342 °	79 Y
76	16.45	16.51	Earthen Levee	Encroachments	LS CO	Landscaping		38.290742 ° -121.561575 °	38.291390 ° -121.562268 °	60
77	16.80	16.88	Supplemental	USACE Erosion Survey	WS M		Inspector Comments: 2009: no berm, 1.5:1 slope, no stability issues, sands and silts, 5.23 ft/s [2009 SiteID:SAC_31-6_R]	38.295744 ° -121.566244 °	38.294772 ° -121.565325 °	38 Y
78	16.84	16.90	Earthen Levee	Encroachments	LS PO	Landscaping		38.295082 ° -121.566037 °	38.295832 ° -121.566756 °	77

<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. 0003 Grand Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Right Bank Sacramento River	Right	17.62	03/17/2011 03/17/2011	Richard Willoughby

Levee Mile Report Line	1
Start Levee Mile	0.00
End Levee Mile	0.40
Location	Land Side
Category	Earthen Levee
Item	Vegetation

Photo of obstructive vegetation on levee slopes.

richard_s_20110215_071.jpg



Levee Mile Report Line	6
Start Levee Mile	0.31
End Levee Mile	0.33
Location	Water Side
Category	Earthen Levee
Item	Vegetation

Looking northeast at bamboo on waterside slope.

richard_s_20110215_056.jpg



Levee Mile Report Line	7
Start Levee Mile	0.40
End Levee Mile	0.40
Location	Water Side
Category	Earthen Levee
Item	Erosion / Bank Caving

Slope instability caused by foot traffic on levee slope.

richard_s_20110215_055.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. 0003 Grand Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Right Bank Sacramento River	Right	17.62	03/17/2011 03/17/2011	Richard Willoughby

Levee Mile Report Line	10
Start Levee Mile	1.93
End Levee Mile	1.98
Location	Water Side
Category	Earthen Levee
Item	Encroachments
Landscaping on levee slope obstructs visibility and access.	
richard_s_20110215_070.jpg	



Levee Mile Report Line	16
Start Levee Mile	3.29
End Levee Mile	3.29
Location	Land Side
Category	Earthen Levee
Item	Trim / Thin Trees
Looking west at dense vegetation on landside slope and toe.	
richard_s_20110318_453.jpg	



Levee Mile Report Line	17
Start Levee Mile	3.32
End Levee Mile	3.32
Location	Land Side
Category	Earthen Levee
Item	Vegetation
Looking west at berryvines on landside toe.	
richard_s_20110318_454.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

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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Right Bank Sacramento River	Right	17.62	03/17/2011 03/17/2011	Richard Willoughby

Levee Mile Report Line	18
Start Levee Mile	3.39
End Levee Mile	3.39
Location	Water Side
Category	Earthen Levee
Item	Encroachments
Pipe penetration closure valve in open position.	
richard_s_20110215_065.jpg	



Levee Mile Report Line	21
Start Levee Mile	3.87
End Levee Mile	3.87
Location	Land Side
Category	Earthen Levee
Item	Vegetation
Looking west at dense bamboo on landside slope.	
richard_s_20110318_455.jpg	



Levee Mile Report Line	24
Start Levee Mile	4.22
End Levee Mile	4.22
Location	Land Side
Category	Earthen Levee
Item	Vegetation
Looking west at cactus on landside slope.	
richard_s_20110318_456.jpg	



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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2011

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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
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Levee Mile Report Line	24
Start Levee Mile	4.22
End Levee Mile	4.22
Location	Land Side
Category	Earthen Levee
Item	Vegetation
Looking southeast a cactus on waterside shoulder and slope.	
richard_s_20110318_457.jpg	



Levee Mile Report Line	27
Start Levee Mile	4.36
End Levee Mile	4.42
Location	Land Side
Category	Earthen Levee
Item	Encroachments
Landscaping on levee slope and toe obstructs access and visibility.	
richard_s_20110215_073.jpg	



Levee Mile Report Line	34
Start Levee Mile	5.94
End Levee Mile	6.00
Location	Land Side
Category	Earthen Levee
Item	Encroachments
Oleander on landside shoulder blocking view of levee slope from LM 5.94 to 6.00	
richard_s_20110215_057.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. 0003 Grand Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Right Bank Sacramento River	Right	17.62	03/17/2011 03/17/2011	Richard Willoughby

Levee Mile Report Line	34
Start Levee Mile	5.94
End Levee Mile	6.00
Location	Land Side
Category	Earthen Levee
Item	Encroachments
Landscaping on levee slope and toe obstructs access and visibility.	
richard_s_20110215_058.jpg	



Levee Mile Report Line	37
Start Levee Mile	7.02
End Levee Mile	7.04
Location	Land Side
Category	Earthen Levee
Item	Trim / Thin Trees
Dense trees at landside toe and shoulder	
richard_s_20110215_059.jpg	



Levee Mile Report Line	37
Start Levee Mile	7.02
End Levee Mile	7.04
Location	Land Side
Category	Earthen Levee
Item	Trim / Thin Trees
Front view of palm trees on landside shoulder	
richard_s_20110215_060.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

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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Right Bank Sacramento River	Right	17.62	03/17/2011 03/17/2011	Richard Willoughby

Levee Mile Report Line	37
Start Levee Mile	7.02
End Levee Mile	7.04
Location	Land Side
Category	Earthen Levee
Item	Trim / Thin Trees
Looking southwest at updated dense veg on landside slope.	
richard_s_20110215_061.jpg	



Levee Mile Report Line	38
Start Levee Mile	7.16
End Levee Mile	7.16
Location	Land Side
Category	Earthen Levee
Item	Vegetation
Looking southwest at dense veg. on landside toe.	
richard_s_20110215_062.jpg	



Levee Mile Report Line	39
Start Levee Mile	7.38
End Levee Mile	7.38
Location	Land Side
Category	Earthen Levee
Item	Encroachments
Looking northwest a dense landscaping on landside shoulder and slope.	
richard_s_20110318_458.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. 0003 Grand Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Right Bank Sacramento River	Right	17.62	03/17/2011 03/17/2011	Richard Willoughby

Levee Mile Report Line	42
Start Levee Mile	8.27
End Levee Mile	8.27
Location	Water Side
Category	Earthen Levee
Item	Encroachments

Photo of tunnel through levee.

richard_s_20110215_066.jpg



Levee Mile Report Line	52
Start Levee Mile	10.13
End Levee Mile	10.13
Location	Land Side
Category	Earthen Levee
Item	Encroachments

Block/Concrete fence on landside shoulder at LM 10.13

richard_s_20110215_063.jpg



Levee Mile Report Line	55
Start Levee Mile	10.74
End Levee Mile	10.74
Location	Land Side
Category	Earthen Levee
Item	Encroachments

Landscaping on levee slope and toe obstructs access and visibility.

richard_s_20110215_067.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

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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Right Bank Sacramento River	Right	17.62	03/17/2011 03/17/2011	Richard Willoughby

Levee Mile Report Line	56
Start Levee Mile	10.98
End Levee Mile	10.98
Location	Land Side
Category	Earthen Levee
Item	Encroachments
Landscaping on levee slope obstructs access and visibility.	
richard_s_20110215_068.jpg	



Levee Mile Report Line	58
Start Levee Mile	11.12
End Levee Mile	11.35
Location	Land Side
Category	Earthen Levee
Item	Encroachments
Landscaping trees on levee slope an toe obstruct access and visibility.	
richard_s_20110215_069.jpg	



Levee Mile Report Line	75
Start Levee Mile	15.84
End Levee Mile	15.93
Location	Land Side
Category	Earthen Levee
Item	Encroachments
Landscaping on levee slope and toe obstruct access and visibility.	
richard_s_20110215_072.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. 0003 Grand Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Right Bank Sacramento River	Right	17.62	03/17/2011 03/17/2011	Richard Willoughby

Levee Mile Report Line	77
Start Levee Mile	16.80
End Levee Mile	16.88
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey
2009: no berm, 1.5:1 slope, no stability issues, sands and silts, 5.23 ft/s [2009 SiteID:SAC_31-6_R]	
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* 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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