

**Flood Control Project Maintenance
Levee Inspections
LMA District Cover Sheet
Spring 2010 Levee Inspection Results**

Reclamation District No. 0544 Upper Roberts 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 2010 Levee Inspection Results

Reclamation District No. 0544 Upper Roberts Island

Waterway	Bank	Unit Miles
Unit No. 01 San Joaquin River	Left	6.11

	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)				
Date of Inspection	4/6/2010 - 4/6/2010			
DWR Inspector	Richard Willoughby			
Accompanied By				

Check one:

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

During the current winter (or summer) inspection period, my staff or I have inspected the levee and associated flood project components identified in the attached Levee Inspection Report by Mile. In addition to the results of our normal maintenance and the corrections we have made to maintenance deficiencies identified in the report, we have found the following changes in flood project conditions.

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

Comments

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

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

X

Signature of LMA Representative

Date

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2010

Reclamation District No. 0544 Upper Roberts Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	6.11	04/06/2010 04/06/2010	Richard Willoughby

LMIR No	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
1	0.00	6.11	Earthen Levee	Vegetation	LS	M	Control annual grass and weeds on the levee slopes and easements.	37.870359 ° -121.329839 °	37.808701 ° -121.328301 °	2
2	0.00	6.11	Earthen Levee	Vegetation	WS	M	Control annual grass and weeds on the levee slopes and easements.	37.870359 ° -121.329839 °	37.808701 ° -121.328301 °	3
3	0.05	0.18	Earthen Levee	Encroachments	LS	M	Equipment Inspector Comments: Farm equipment and supplies store at landside toe.	37.869605 ° -121.329573 °	37.868180 ° -121.328160 °	4
4	0.26	0.26	Earthen Levee	Encroachments	LS	M	Prunings	37.867130 ° -121.327813 °	37.867130 ° -121.327813 °	6
5	0.41	0.45	Supplemental	DWR Erosion Survey	WS	U	Inspector Comments: 2009: No major change observed; despite dense vegetation, the bank is eroding and sloughing; the levee toe is being undermined; note the tree on site; the site was previously rated "U" [2009 SiteID:RD0544U1RM47.12]	37.864820 ° -121.327200 °	37.864820 ° -121.327200 °	1 Y
6	0.42	0.42	Earthen Levee	Encroachments	LS	M	Tree or limb	37.865033 ° -121.327260 °	37.865033 ° -121.327260 °	8
7	0.48	0.49	Earthen Levee	Erosion / Bank Caving	WS	M	Note and monitor erosion site.	37.864643 ° -121.326363 °	37.864592 ° -121.326165 °	5
8	0.57	0.57	Earthen Levee	Slope Stability	WS	M	Repair slope instability.	37.864357 ° -121.324860 °	37.864357 ° -121.324860 °	7 Y
9	0.65	0.70	Earthen Levee	Encroachments	LS	PO	Landscaping	37.863935 ° -121.323341 °	37.863599 ° -121.322442 °	9
10	0.71	0.71	Earthen Levee	Encroachments	WS	CO	Landscaping	37.863575 ° -121.322367 °	37.863575 ° -121.322367 °	10
11	1.44	1.44	Earthen Levee	Trim / Thin Trees	LS	N	Tree stumps.	37.855778 ° -121.321206 °	37.855778 ° -121.321206 °	13
12	1.45	1.45	Earthen Levee	Trim / Thin Trees	WS	N	Tree stumps.	37.855583 ° -121.321177 °	37.855583 ° -121.321177 °	14
13	1.78	1.80	Earthen Levee	Vegetation	LS	M	Remove the wild growth other than native grasses from the levee slopes.	37.853934 ° -121.324219 °	37.853617 ° -121.324253 °	16
14	1.80	1.80	Earthen Levee	Encroachments	LS	M	Prunings	37.853445 ° -121.324227 °	37.853445 ° -121.324227 °	20
15	1.86	1.86	Earthen Levee	Encroachments	LS	M	Prunings	37.852771 ° -121.324014 °	37.852771 ° -121.324014 °	21
16	2.31	2.38	Earthen Levee	Animal Control	LS	M	No rodents visible, but rodent burrows visible; need to backfill and compact or grout borrows.	37.847686 ° -121.324780 °	37.846743 ° -121.324336 °	34

*** Location**
LS : Land Side
WS : Water Side
CR : Crown

**** Rating**
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
PO : Partially Obstructing
CO : Completely Obstructing
N : Not Inspected
C : Corrected
W : Watch/Monitor

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2010

Reclamation District No. 0544 Upper Roberts Island

Waterway		Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River		Left	6.11	04/06/2010 04/06/2010	Richard Willoughby

LMIR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
17	2.86	2.86	Earthen Levee	Trim / Thin Trees	LS	N	Tree stumps.	37.841075 ° -121.320205 °	37.841075 ° -121.320205 °	22
18	3.31	3.31	Earthen Levee	Encroachments	WS	M	Ramp Inspector Comments: Landowner has cut new ramp on waterside slope.	37.835951 ° -121.317062 °	37.835951 ° -121.317062 °	37
19	3.55	3.55	Earthen Levee	Encroachments	WS	M	Garbage Inspector Comments: Old dish washers	37.833188 ° -121.314487 °	37.833188 ° -121.314487 °	23 Y
20	3.95	3.95	Earthen Levee	Vegetation	LS	M	Elderberries are blocking visibility and flood fight capability.	37.828120 ° -121.311504 °	37.828120 ° -121.311504 °	24
21	4.06	4.09	Earthen Levee	Animal Control	WS	M	Exterminate rodents and backfill and compact or grout burrows.	37.826621 ° -121.310820 °	37.826315 ° -121.311024 °	11
22	4.32	4.32	Earthen Levee	Encroachments	LS	M	Garbage Inspector Comments: Old concrete pipes on landside toe should be removed.	37.825151 ° -121.314826 °	37.825151 ° -121.314826 °	25
23	4.50	4.69	Earthen Levee	Encroachments	WS	C	Prunings	37.823118 ° -121.316393 °	37.821958 ° -121.319592 °	12
24	4.53	4.53	Earthen Levee	Vegetation	LS	U	Elderberries are blocking visibility and flood fight capability.	37.822934 ° -121.316870 °	37.822934 ° -121.316870 °	41 Y
25	4.54	4.54	Earthen Levee	Vegetation	LS	M	Remove the wild growth other than native grasses from the levee slopes.	37.822808 ° -121.317062 °	37.822808 ° -121.317062 °	26
26	4.70	4.70	Earthen Levee	Encroachments	LS	M	Garbage	37.821901 ° -121.319683 °	37.821901 ° -121.319683 °	27
27	4.73	4.76	Earthen Levee	Trim / Thin Trees	LS	C	Trim trees to at least five feet above ground level.	37.821741 ° -121.320237 °	37.821556 ° -121.320653 °	43
28	4.75	4.75	Earthen Levee	Slope Stability	LS	M	Repair slope instability.	37.821626 ° -121.320471 °	37.821626 ° -121.320471 °	28
29	4.75	4.75	Earthen Levee	Animal Control	CR	M	No rodents visible, but rodent burrows visible; need to backfill and compact or grout borrows.	37.821626 ° -121.320471 °	37.821626 ° -121.320471 °	29
30	4.83	4.83	Earthen Levee	Trim / Thin Trees	LS	C	Trim trees over roadway to at least 12 feet above ground level.	37.820611 ° -121.321181 °	37.820611 ° -121.321181 °	44
31	4.86	4.86	Earthen Levee	Encroachments	LS	M	Prunings Inspector Comments: Remove dead stumps at landside toe and prunings on landside slope.	37.820227 ° -121.321115 °	37.820227 ° -121.321115 °	30
32	4.86	4.86	Earthen Levee	Vegetation	LS	M	Remove the wild growth other than native grasses from the levee slopes.	37.820081 ° -121.321043 °	37.820081 ° -121.321043 °	31

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

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2010

Reclamation District No. 0544 Upper Roberts Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	6.11	04/06/2010 04/06/2010	Richard Willoughby

LMIR No	Levee Mile		Category	Item	Location *	Rating **	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
33	4.88	4.90	Earthen Levee	Trim / Thin Trees	LS	C	Trim trees to at least five feet above ground level.	37.820025 ° -121.321015 °	37.819845 ° -121.320898 °	15
34	4.94	4.94	Earthen Levee	Vegetation	LS	M	Remove the wild growth other than native grasses from the levee slopes.	37.819249 ° -121.320460 °	37.819249 ° -121.320460 °	32
35	5.00	5.30	Earthen Levee	Vegetation	LS	U	Remove the wild growth other than native grasses from the levee slopes.	37.818718 ° -121.319508 °	37.814662 ° -121.320302 °	33 Y
36	5.05	5.05	Earthen Levee	Vegetation	LS	M	Elderberries are blocking visibility and flood fight capability.	37.818152 ° -121.319095 °	37.818152 ° -121.319095 °	17
37	5.39	5.39	Earthen Levee	Vegetation	LS	M	Elderberries are blocking visibility and flood fight capability.	37.813659 ° -121.319614 °	37.813659 ° -121.319614 °	35
38	5.39	5.39	Earthen Levee	Encroachments	WS	M	Prunings	37.813616 ° -121.319531 °	37.813616 ° -121.319531 °	36
39	5.48	5.48	Earthen Levee	Encroachments	LS	M	Prunings	37.812523 ° -121.318960 °	37.812523 ° -121.318960 °	38
40	5.54	5.60	Earthen Levee	Vegetation	LS	M	Elderberries are blocking visibility and flood fight capability.	37.812033 ° -121.319737 °	37.811687 ° -121.320677 °	18
41	5.57	5.60	Earthen Levee	Vegetation	LS	M	Elderberries are blocking visibility and flood fight capability.	37.811887 ° -121.320226 °	37.811733 ° -121.320688 °	39
42	5.69	5.69	Earthen Levee	Trim / Thin Trees	LS	N	Tree stumps.	37.811199 ° -121.322176 °	37.811199 ° -121.322176 °	40
43	5.71	5.75	Earthen Levee	Trim / Thin Trees	LS	C	Trim trees to at least five feet above ground level.	37.811162 ° -121.322560 °	37.811168 ° -121.323268 °	19
44	5.88	5.88	Earthen Levee	Encroachments	WS	M	Prunings	37.810959 ° -121.325504 °	37.810959 ° -121.325504 °	42

*** Location**
 LS : Land Side
 WS : Water Side
 CR : Crown

**** Rating**
 A : Acceptable PO : Partially Obstructing C : Corrected
 M : Minimally Acceptable CO : Completely Obstructing W : Watch/Monitor
 U : Unacceptable N : Not Inspected

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2010

Reclamation District No. 0544 Upper Roberts Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	6.11	04/06/2010 04/06/2010	Richard Willoughby

Levee Mile Report Line	5
Start Levee Mile	0.41
End Levee Mile	0.45
Location	Water Side
Category	Supplemental
Item	DWR Erosion Survey
<p>2009: No major change observed; despite dense vegetation, the bank is eroding and sloughing; the levee toe is being undermined; note the tree on site; the site was previously rated "U" [2009 SiteID:RD0544U1RM47.12]</p>	
<p>SJR2009_S2.5 LM0.43 102108a.jpg</p>	



Levee Mile Report Line	5
Start Levee Mile	0.41
End Levee Mile	0.45
Location	Water Side
Category	Supplemental
Item	DWR Erosion Survey
<p>2009: No major change observed; despite dense vegetation, the bank is eroding and sloughing; the levee toe is being undermined; note the tree on site; the site was previously rated "U" [2009 SiteID:RD0544U1RM47.12]</p>	
<p>SJR2009_S2.5 LM0.43 102108c.jpg</p>	



Levee Mile Report Line	5
Start Levee Mile	0.41
End Levee Mile	0.45
Location	Water Side
Category	Supplemental
Item	DWR Erosion Survey
<p>2009: No major change observed; despite dense vegetation, the bank is eroding and sloughing; the levee toe is being undermined; note the tree on site; the site was previously rated "U" [2009 SiteID:RD0544U1RM47.12]</p>	
<p>SJR2009_S2.5 LM0.43 102108d.jpg</p>	



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

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2010

Reclamation District No. 0544 Upper Roberts Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	6.11	04/06/2010 04/06/2010	Richard Willoughby

Levee Mile Report Line	5
Start Levee Mile	0.41
End Levee Mile	0.45
Location	Water Side
Category	Supplemental
Item	DWR Erosion Survey

2009: No major change observed; despite dense vegetation, the bank is eroding and sloughing; the levee toe is being undermined; note the tree on site; the site was previously rated "U" [2009 SiteID:RD0544U1RM47.12]

SJR2009_RM47.12U1 092909D.JPG



Levee Mile Report Line	8
Start Levee Mile	0.57
End Levee Mile	0.57
Location	Water Side
Category	Earthen Levee
Item	Slope Stability

Erosion around siphon pipe at LM 0.57

richard_s_20100316_071.jpg



Levee Mile Report Line	19
Start Levee Mile	3.55
End Levee Mile	3.55
Location	Water Side
Category	Earthen Levee
Item	Encroachments

Looking south at equipment stored on landside shoulder.

richard_s_20100408_225.jpg



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

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2010

Reclamation District No. 0544 Upper Roberts Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	6.11	04/06/2010 04/06/2010	Richard Willoughby

Levee Mile Report Line	24
Start Levee Mile	4.53
End Levee Mile	4.53
Location	Land Side
Category	Earthen Levee
Item	Vegetation
Looking south at elderberries on landside slope and toe.	
richard_s_20100408_226.jpg	



Levee Mile Report Line	35
Start Levee Mile	5.00
End Levee Mile	5.30
Location	Land Side
Category	Earthen Levee
Item	Vegetation
Looking southeast at dense veg. on landside slope and toe.	
richard_s_20100408_227.jpg	



*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

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

**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Spring 2010 Levee Inspection Results

Reclamation District No. 0544 Upper Roberts Island

Waterway		Bank	Unit Miles
Unit No. 02 Old River		Right	4.22

	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)				
Date of Inspection	4/7/2010 - 4/7/2010			
DWR Inspector	Richard Willoughby			
Accompanied By	Jerry Robinson			

Check one:

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

During the current winter (or summer) inspection period, my staff or I have inspected the levee and associated flood project components identified in the attached Levee Inspection Report by Mile. In addition to the results of our normal maintenance and the corrections we have made to maintenance deficiencies identified in the report, we have found the following changes in flood project conditions.

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

Comments

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

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

X

Signature of LMA Representative

Date

Flood Control Project Maintenance
Levee Inspections

Levee Inspection Report By Mile - Spring 2010

Reclamation District No. 0544 Upper Roberts Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Old River	Right	4.22	04/07/2010 04/07/2010	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	4.22	Earthen Levee	Vegetation	LS	M	Control annual grass and weeds on the levee slopes and easements.	37.808688 ° -121.328480 °	37.822430 ° -121.374583 °	1
2	0.00	4.22	Earthen Levee	Vegetation	WS	M	Control annual grass and weeds on the levee slopes and easements.	37.808688 ° -121.328480 °	37.822432 ° -121.374583 °	2
3	0.32	0.37	Earthen Levee	Vegetation	LS	M	Remove the wild growth other than native grasses from the levee slopes.	37.808972 ° -121.333720 °	37.809442 ° -121.334415 °	3
4	0.39	0.39	Earthen Levee	Trim / Thin Trees	WS	M	Trim trees to at least five feet above ground level.	37.809591 ° -121.334597 °	37.809591 ° -121.334597 °	23
5	0.41	0.41	Earthen Levee	Vegetation	LS	M	Elderberries are blocking visibility and flood fight capability.	37.809788 ° -121.334727 °	37.809788 ° -121.334727 °	4 Y
6	0.52	0.52	Earthen Levee	Trim / Thin Trees	LS	N	Tree stumps.	37.811592 ° -121.335018 °	37.811592 ° -121.335018 °	11
7	0.54	0.54	Earthen Levee	Encroachments	LS	M	Prunings	37.811815 ° -121.335043 °	37.811815 ° -121.335043 °	12
8	0.64	0.64	Earthen Levee	Trim / Thin Trees	LS	C	Trim trees to at least five feet above ground level.	37.813015 ° -121.335077 °	37.813015 ° -121.335077 °	42
9	0.74	0.74	Earthen Levee	Vegetation	LS	U	Elderberries are blocking visibility and flood fight capability.	37.814333 ° -121.334592 °	37.814333 ° -121.334592 °	5 Y
10	1.02	1.02	Earthen Levee	Encroachments	WS	M	Garbage	37.818100 ° -121.332750 °	37.818100 ° -121.332750 °	6
11	1.14	1.14	Earthen Levee	Encroachments	LS	M	Prunings	37.819530 ° -121.333827 °	37.819530 ° -121.333827 °	20
12	1.15	1.21	Earthen Levee	Encroachments	LS	PO	Fences	37.819560 ° -121.333893 °	37.820083 ° -121.334812 °	25
13	1.17	1.23	Earthen Levee	Encroachments	LS	CO	Equipment	37.819846 ° -121.334214 °	37.820209 ° -121.335150 °	26
14	1.23	1.23	Earthen Levee	Encroachments	LS	M	Prunings	37.820235 ° -121.335127 °	37.820235 ° -121.335127 °	7
15	1.26	1.32	Earthen Levee	Crown Surface / Depressions / Rutting	CR	C	Add appropriate gravel or road base. Grade and compact.	37.820363 ° -121.335603 °	37.820748 ° -121.336545 °	8
16	1.32	1.38	Earthen Levee	Trim / Thin Trees	LS	M	Trim trees to at least five feet above ground level.	37.820777 ° -121.336593 °	37.821223 ° -121.337478 °	9
17	1.40	1.40	Earthen Levee	Encroachments	LS	M	Pipe Inspector Comments: Pipe should be removed or properly abandoned.	37.821463 ° -121.337900 °	37.821463 ° -121.337900 °	21 Y

*** Location**
LS : Land Side
WS : Water Side
CR : Crown

**** Rating**
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
PO : Partially Obstructing
CO : Completely Obstructing
N : Not Inspected
C : Corrected
W : Watch/Monitor

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2010

Reclamation District No. 0544 Upper Roberts Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Old River	Right	4.22	04/07/2010 04/07/2010	Richard Willoughby

LMIR No	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
18	1.41	1.41	Earthen Levee	Vegetation	LS	U	Elderberries are blocking visibility and flood fight capability.	37.821423 ° -121.337878 °	37.821423 ° -121.337878 °	10 Y
19	1.47	1.47	Earthen Levee	Animal Control	WS	M	Exterminate rodents and backfill and compact or grout burrows.	37.821954 ° -121.338715 °	37.821954 ° -121.338715 °	28
20	1.95	1.95	Earthen Levee	Encroachments	LS	C	Material	37.817778 ° -121.342272 °	37.817778 ° -121.342272 °	43
21	2.04	2.04	Earthen Levee	Trim / Thin Trees	LS	M	Trim trees to at least five feet above ground level.	37.818733 ° -121.343340 °	37.818733 ° -121.343340 °	44
22	2.11	2.12	Earthen Levee	Vegetation	LS	M	Elderberries are blocking visibility and flood fight capability.	37.819337 ° -121.344275 °	37.819460 ° -121.344492 °	13
23	2.15	2.15	Earthen Levee	Trim / Thin Trees	LS	M	Trim trees to at least five feet above ground level.	37.819698 ° -121.344877 °	37.819698 ° -121.344877 °	14
24	2.21	2.21	Earthen Levee	Encroachments	WS	M	Prunings	37.820320 ° -121.345668 °	37.820320 ° -121.345668 °	22
25	2.24	2.24	Earthen Levee	Encroachments	WS	M	Prunings	37.820660 ° -121.345997 °	37.820660 ° -121.345997 °	31
26	2.25	2.25	Earthen Levee	Animal Control	WS	M	No rodents visible, but rodent burrows visible; need to backfill and compact or grout borrows.	37.820697 ° -121.346050 °	37.820697 ° -121.346050 °	32
27	2.28	2.38	Earthen Levee	Animal Control	LS	M	No rodents visible, but rodent burrows visible; need to backfill and compact or grout borrows.	37.821096 ° -121.346418 °	37.821945 ° -121.347897 °	33
28	2.32	2.35	Earthen Levee	Trim / Thin Trees	LS	M	Trim trees to at least five feet above ground level.	37.821548 ° -121.346872 °	37.821860 ° -121.347340 °	24
29	2.65	2.65	Earthen Levee	Encroachments	CR	M	Pipe Inspector Comments: Abandoned pipe at landside and waterside shoulder is open on both ends.	37.818867 ° -121.350393 °	37.818867 ° -121.350393 °	15 Y
30	2.74	2.74	Earthen Levee	Trim / Thin Trees	LS	M	Trim trees to at least five feet above ground level.	37.817860 ° -121.351428 °	37.817860 ° -121.351428 °	16
31	2.84	2.84	Earthen Levee	Trim / Thin Trees	LS	M	Trim trees to at least five feet above ground level.	37.817170 ° -121.352960 °	37.817170 ° -121.352960 °	17
32	3.28	3.28	Earthen Levee	Trim / Thin Trees	LS	M	Trim trees over roadway to at least 12 feet above ground level.	37.819050 ° -121.359718 °	37.819050 ° -121.359718 °	27
33	3.29	3.29	Earthen Levee	Encroachments	WS	M	Garbage	37.819188 ° -121.359932 °	37.819188 ° -121.359932 °	18 Y
34	3.53	3.56	Earthen Levee	Vegetation	LS	M	Remove the wild growth other than native grasses from the levee slopes. Inspector Comments: Cactus on landside slope.	37.819576 ° -121.364056 °	37.819530 ° -121.364653 °	36 Y

*** Location**
LS : Land Side
WS : Water Side
CR : Crown

**** Rating**
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
PO : Partially Obstructing
CO : Completely Obstructing
N : Not Inspected
C : Corrected
W : Watch/Monitor

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2010

Reclamation District No. 0544 Upper Roberts Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Old River	Right	4.22	04/07/2010 04/07/2010	Richard Willoughby

LMIR No	Levee Mile		Category	Item	Location *	Rating **	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
35	3.54	3.54	Earthen Levee	Trim / Thin Trees	LS	M	Trim trees to at least five feet above ground level.	37.819600 ° -121.364215 °	37.819600 ° -121.364215 °	19
36	3.59	3.59	Earthen Levee	Trim / Thin Trees	LS	M	Trim trees to at least five feet above ground level.	37.819568 ° -121.364912 °	37.819568 ° -121.364912 °	29 Y
37	3.63	3.63	Earthen Levee	Trim / Thin Trees	LS	M	Trim trees to at least five feet above ground level.	37.819478 ° -121.365722 °	37.819478 ° -121.365722 °	30
38	3.68	3.70	Earthen Levee	Trim / Thin Trees	LS	M	Trim trees to at least five feet above ground level.	37.819507 ° -121.366532 °	37.819567 ° -121.366835 °	34
39	3.74	3.77	Earthen Levee	Trim / Thin Trees	LS	M	Trim trees to at least five feet above ground level.	37.819958 ° -121.367518 °	37.820267 ° -121.367812 °	45
40	3.85	3.85	Earthen Levee	Trim / Thin Trees	LS	M	Trim trees to at least five feet above ground level.	37.821097 ° -121.368647 °	37.821097 ° -121.368647 °	46
41	3.87	3.87	Earthen Levee	Trim / Thin Trees	LS	M	Trim trees to at least five feet above ground level.	37.821318 ° -121.368950 °	37.821318 ° -121.368950 °	35
42	4.18	4.18	Earthen Levee	Encroachments	WS	M	Prunings	37.822003 ° -121.374235 °	37.822003 ° -121.374235 °	37

*** Location**
 LS : Land Side
 WS : Water Side
 CR : Crown

**** Rating**
 A : Acceptable PO : Partially Obstructing C : Corrected
 M : Minimally Acceptable CO : Completely Obstructing W : Watch/Monitor
 U : Unacceptable N : Not Inspected

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2010

Reclamation District No. 0544 Upper Roberts Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Old River	Right	4.22	04/07/2010 04/07/2010	Richard Willoughby

Levee Mile Report Line	5
Start Levee Mile	0.41
End Levee Mile	0.41
Location	Land Side
Category	Earthen Levee
Item	Vegetation
Looking northwest at elderberries on landside slope and toe.	
richard_s_20100408_228.jpg	



Levee Mile Report Line	9
Start Levee Mile	0.74
End Levee Mile	0.74
Location	Land Side
Category	Earthen Levee
Item	Vegetation
Looking south at elderberries on landside slope and toe.	
richard_s_20100408_229.jpg	



Levee Mile Report Line	17
Start Levee Mile	1.40
End Levee Mile	1.40
Location	Land Side
Category	Earthen Levee
Item	Encroachments
Looking east at pipe on landside slope.	
richard_s_20100408_230.jpg	



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

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2010

Reclamation District No. 0544 Upper Roberts Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Old River	Right	4.22	04/07/2010 04/07/2010	Richard Willoughby

Levee Mile Report Line	17
Start Levee Mile	1.40
End Levee Mile	1.40
Location	Land Side
Category	Earthen Levee
Item	Encroachments
Looking east at pipe and erosion just above pipe on landside slope and shoulder.	
richard_s_20100408_231.jpg	



Levee Mile Report Line	17
Start Levee Mile	1.40
End Levee Mile	1.40
Location	Land Side
Category	Earthen Levee
Item	Encroachments
Looking west at east end of pipe on waterside slope.	
richard_s_20100408_232.jpg	



Levee Mile Report Line	18
Start Levee Mile	1.41
End Levee Mile	1.41
Location	Land Side
Category	Earthen Levee
Item	Vegetation
Looking south at elderberries on landside slope and toe.	
richard_s_20100408_233.jpg	



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

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2010

Reclamation District No. 0544 Upper Roberts Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Old River	Right	4.22	04/07/2010 04/07/2010	Richard Willoughby

Levee Mile Report Line	29
Start Levee Mile	2.65
End Levee Mile	2.65
Location	Crown
Category	Earthen Levee
Item	Encroachments
Abandoned pipe at LM 2.65 landside view	
richard_s_20100316_072.jpg	



Levee Mile Report Line	33
Start Levee Mile	3.29
End Levee Mile	3.29
Location	Water Side
Category	Earthen Levee
Item	Encroachments
Garbage on waterside shoulder at LM 3.29	
richard_s_20100316_073.jpg	



Levee Mile Report Line	34
Start Levee Mile	3.53
End Levee Mile	3.56
Location	Land Side
Category	Earthen Levee
Item	Vegetation
Looking southwest at overgrown cactus on landside slope.	
richard_s_20100408_234.jpg	



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

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2010

Reclamation District No. 0544 Upper Roberts Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Old River	Right	4.22	04/07/2010 04/07/2010	Richard Willoughby

Levee Mile Report Line	36
Start Levee Mile	3.59
End Levee Mile	3.59
Location	Land Side
Category	Earthen Levee
Item	Trim / Thin Trees

Looking northwest at dense trees on landside slope and toe.

richard_s_20100408_236.jpg



*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

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