

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

Reclamation District No. 0150 Merrit 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. 0150 Merrit Island

Waterway	Bank	Unit Miles
Unit No. 01 Sutter Slough	Left	0.54

	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)				
Date of Inspection	5/27/2011 - 5/27/2011			
DWR Inspector	Pavel Kazi			
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, 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. 0150 Merrit Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sutter Slough	Left	0.54	05/27/2011 05/27/2011	Pavel Kazi

LMR No.	Levee Mile		Category	Item	* Location	** Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
1	0.20	0.20	Earthen Levee	Vegetation	LS	M	Elderberries are blocking visibility and flood fight capability.	38.331402 ° -121.580358 °	38.331402 ° -121.580358 °	3 Y
2	0.33	0.33	Earthen Levee	Encroachments	CR	M	Debris Inspector Comments: Bales of hay used as backing for target practice on the crown of the levee.	38.329926 ° -121.578919 °	38.329926 ° -121.578919 °	4 Y
3	0.34	0.51	Earthen Levee	Vegetation	LS	M	Control annual grass and weeds on the levee slopes and easements.	38.329825 ° -121.578852 °	38.328220 ° -121.576524 °	1 Y
4	0.35	0.35	Earthen Levee	Encroachments	WS	PO	Tank Inspector Comments: Tank for the monitoring station on the waterward shoulder	° °	° °	2 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. 0150 Merrit Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sutter Slough	Left	0.54	05/27/2011 05/27/2011	Pavel Kazi

Levee Mile Report Line	1
Start Levee Mile	0.20
End Levee Mile	0.20
Location	Land Side
Category	Earthen Levee
Item	Vegetation
<p>Elderberry tree was found on the landside of the levee. The picture was taken from the crown looking downstream.</p>	
<p>pkazi_s_20110531_694.jpg</p>	



Levee Mile Report Line	2
Start Levee Mile	0.33
End Levee Mile	0.33
Location	Crown
Category	Earthen Levee
Item	Encroachments
<p>View of a hay bale target on the crown of the levee looking west.</p>	
<p>pkazi_s_20110328_384.jpg</p>	



Levee Mile Report Line	3
Start Levee Mile	0.34
End Levee Mile	0.51
Location	Land Side
Category	Earthen Levee
Item	Vegetation
<p>Annual vegetation control is required on the landside of the levee. The picture was taken from the crown looking upstream.</p>	
<p>pkazi_s_20110531_692.jpg</p>	



<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. 0150 Merrit Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sutter Slough	Left	0.54	05/27/2011 05/27/2011	Pavel Kazi

Levee Mile Report Line	4
Start Levee Mile	0.35
End Levee Mile	0.35
Location	Water Side
Category	Earthen Levee
Item	Encroachments
<p>A water tank was found on the waterside of the levee. The picture was taken from the crown looking downstream.</p>	
<p>pkazi_s_20110531_693.jpg</p>	



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

Unit Cover Sheet

Spring 2011 Levee Inspection Results

Reclamation District No. 0150 Merrit Island

Waterway	Bank	Unit Miles
Unit No. 02 Sacramento River	Right	7.95

	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)				
Date of Inspection	5/20/2011 - 5/20/2011			
DWR Inspector	Pavel Kazi			
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, 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. 0150 Merrit Island

Waterway						Bank	Unit Miles	Inspection Start/End	Inspector	
Unit No. 02 Sacramento River						Right	7.95	05/20/2011 05/20/2011	Pavel Kazi	
LMR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No.
	Start	End						Start	End	Photo
1	0.16	0.16	Earthen Levee	Encroachments	WS PO	Buildings		38.330047 ° -121.574538 °	38.330047 ° -121.574538 °	49 Y
2	0.17	0.21	Earthen Levee	Encroachments	LS PO	Landscaping		38.330173 ° -121.574490 °	38.330576 ° -121.574093 °	990 Y
3	0.24	0.24	Earthen Levee	Vegetation	WS M	Remove the wild growth other than native grasses from the levee slopes.		38.330956 ° -121.573660 °	38.330956 ° -121.573660 °	50 Y
4	0.25	0.25	Earthen Levee	Encroachments	LS CO	Landscaping		38.331035 ° -121.573502 °	38.331035 ° -121.573502 °	4 Y
5	0.27	0.57	Earthen Levee	Vegetation	WS M	Remove the wild growth other than native grasses from the levee slopes.		38.331219 ° -121.573417 °	38.334561 ° -121.570027 °	2 Y
6	0.27	0.27	Earthen Levee	Encroachments	LS M	Tree or limb		38.331410 ° -121.573331 °	38.331410 ° -121.573331 °	94 Y
7	0.39	0.39	Earthen Levee	Encroachments	WS M	Stairways		38.332647 ° -121.572140 °	38.332647 ° -121.572140 °	13 Y
8	0.46	0.46	Earthen Levee	Encroachments	LS M	Prunings		38.333490 ° -121.571406 °	38.333490 ° -121.571406 °	989 Y
9	0.47	0.47	Earthen Levee	Encroachments	LS PO	Landscaping		38.333641 ° -121.571260 °	38.333641 ° -121.571260 °	3 Y
10	0.59	0.59	Earthen Levee	Trim / Thin Trees	WS M	Trim and thin trees to allow visibility of the ground and room to flood fight.		38.334776 ° -121.569760 °	38.334776 ° -121.569760 °	51 Y
11	0.90	0.90	Earthen Levee	Trim / Thin Trees	LS M	Trim trees to at least five feet above ground level.		38.338312 ° -121.566158 °	38.338312 ° -121.566158 °	5 Y
12	0.97	0.97	Earthen Levee	Vegetation	LS M	Remove the wild growth other than native grasses from the levee slopes.		38.338980 ° -121.565301 °	38.338980 ° -121.565301 °	987 Y
13	0.98	1.00	Earthen Levee	Trim / Thin Trees	LS M	Trim trees to at least five feet above ground level.		38.339042 ° -121.565209 °	38.339307 ° -121.564860 °	6 Y
14	0.98	0.98	Earthen Levee	Trim / Thin Trees	LS M	Thin trees to allow visibility of the ground and room to flood fight.		38.339004 ° -121.565170 °	38.339004 ° -121.565170 °	33 Y
15	1.11	1.11	Earthen Levee	Trim / Thin Trees	LS M	Trim trees to at least five feet above ground level.		38.340337 ° -121.563528 °	38.340337 ° -121.563528 °	7 Y
16	1.16	1.16	Earthen Levee	Trim / Thin Trees	LS N	Tree stumps.		38.340864 ° -121.562915 °	38.340864 ° -121.562915 °	8 Y
17	1.24	1.28	Supplemental	USACE Erosion Survey	WS M	Inspector Comments: 2009: no berm, 1.5:1 slope, no stability issues, clays and silts, 5.89 ft/s [2009 SiteID:SAC_35-3_R]		38.342128 ° -121.561431 °	38.341617 ° -121.561686 °	37 Y
18	1.28	1.28	Earthen Levee	Encroachments	LS PO	Landscaping		38.342229 ° -121.561694 °	38.342229 ° -121.561694 °	92 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. 0150 Merrit Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Right	7.95	05/20/2011 05/20/2011	Pavel Kazi

LMR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
19	1.34	1.37	Earthen Levee	Encroachments	LS	PO	Landscaping	38.342969 ° -121.561196 °	38.343252 ° -121.560794 °	91
20	1.42	1.45	Supplemental	USACE Erosion Survey	WS	U	Inspector Comments: 2009: no berm, 2:1 slope, holes and slumping, clays and silts, 6.52 ft/s [2009 SiteID:SAC_35-4_R]	38.343739 ° -121.559325 °	38.343472 ° -121.559750 °	39 Y
21	1.42	1.42	Earthen Levee	Encroachments	LS	C	Prunings	38.343757 ° -121.559938 °	38.343757 ° -121.559938 °	9
22	1.58	1.71	Earthen Levee	Vegetation	WS	M	Remove the wild growth other than native grasses from the levee slopes.	38.344856 ° -121.557519 °	38.345434 ° -121.555272 °	36
23	1.73	1.73	Earthen Levee	Trim / Thin Trees	LS	M	Trim and thin trees to allow visibility of the ground and room to flood fight.	38.345574 ° -121.554909 °	38.345574 ° -121.554909 °	90
24	1.76	1.76	Earthen Levee	Encroachments	LS	PO	Landscaping	38.345675 ° -121.554407 °	38.345675 ° -121.554407 °	89
25	1.87	1.87	Earthen Levee	Erosion / Bank Caving	LS	M	Note and monitor erosion site.	38.346134 ° -121.552466 °	38.346134 ° -121.552466 °	10
26	2.21	2.21	Earthen Levee	Trim / Thin Trees	LS	M	Thin trees to allow visibility of the ground and room to flood fight.	38.347143 ° -121.546493 °	38.347143 ° -121.546493 °	986
27	2.23	2.27	Earthen Levee	Trim / Thin Trees	LS	M	Trim trees to at least five feet above ground level.	38.347193 ° -121.546102 °	38.347259 ° -121.545535 °	11
28	2.29	2.29	Earthen Levee	Trim / Thin Trees	LS	M	Thin trees to allow visibility of the ground and room to flood fight.	38.347296 ° -121.545105 °	38.347296 ° -121.545105 °	985
29	2.31	2.33	Earthen Levee	Encroachments	LS	PO	Landscaping	38.347355 ° -121.544628 °	38.347361 ° -121.544280 °	88 Y
30	2.35	2.35	Earthen Levee	Encroachments	WS	M	Debris Inspector Comments: Debris found on toe of the levee, in addition, tree limbs on the roadway of the crown.	38.347169 ° -121.544008 °	38.347169 ° -121.544008 °	87 Y
31	2.46	2.46	Earthen Levee	Encroachments	WS	M	Debris Inspector Comments: A platform and sitting/fishing area has been cut into the waterward slope. The encroachment should be removed and the slope repaired	38.347614 ° -121.541988 °	38.347614 ° -121.541988 °	960 Y
32	2.48	2.49	Earthen Levee	Encroachments	LS	PO	Landscaping	38.347720 ° -121.541737 °	38.347800 ° -121.541435 °	983
33	2.55	2.55	Earthen Levee	Encroachments	LS	C	Prunings	38.348087 ° -121.540476 °	38.348087 ° -121.540476 °	12
34	2.80	2.80	Earthen Levee	Trim / Thin Trees	LS	N	Tree stumps.	38.350041 ° -121.536853 °	38.350041 ° -121.536853 °	14 Y
35	2.82	2.82	Earthen Levee	Encroachments	LS	PO	Landscaping	38.350324 ° -121.536488 °	38.350324 ° -121.536488 °	16

* 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. 0150 Merrit Island

Waterway		Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River		Right	7.95	05/20/2011 05/20/2011	Pavel Kazi

LMR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
36	2.84	2.84	Earthen Levee	Encroachments	LS	C	Tree or limb	38.350375 ° -121.536152 °	38.350375 ° -121.536152 °	15
37	3.02	3.06	Earthen Levee	Encroachments	LS	CO	Landscaping	38.352372 ° -121.534127 °	38.352802 ° -121.533638 °	85 Y
38	3.13	3.13	Earthen Levee	Trim / Thin Trees	LS	M	Thin trees to allow visibility of the ground and room to flood fight.	38.353572 ° -121.532783 °	38.353572 ° -121.532783 °	40 Y
39	3.28	3.28	Earthen Levee	Encroachments	LS	C	Prunings	38.355306 ° -121.531008 °	38.355306 ° -121.531008 °	980
40	3.29	3.29	Earthen Levee	Erosion / Bank Caving	WS	M	Schedule repair of erosion site prior to the next inspection. Inspector Comments: Depressions into the waterward slope can be seen along the waterward slope at this site. Also note the damaged pump support, pump, and pipe just upstream of the site; they may contribute to the erosion in a high water event and should be removed.	38.355321 ° -121.530902 °	38.355321 ° -121.530902 °	961 Y
41	3.31	3.31	Earthen Levee	Trim / Thin Trees	LS	M	Thin trees to allow visibility of the ground and room to flood fight.	38.355632 ° -121.530740 °	38.355632 ° -121.530740 °	952
42	3.35	3.35	Earthen Levee	Vegetation	LS	M	Elderberries are blocking visibility and flood fight capability.	38.355979 ° -121.530288 °	38.355979 ° -121.530288 °	17
43	3.44	3.44	Earthen Levee	Encroachments	LS	M	Prunings	38.356986 ° -121.529131 °	38.356986 ° -121.529131 °	18
44	3.48	3.51	Earthen Levee	Trim / Thin Trees	LS	C	Trim and thin trees to allow visibility of the ground and room to flood fight.	38.357320 ° -121.528647 °	38.357660 ° -121.528272 °	19
45	3.57	3.57	Earthen Levee	Encroachments	LS	C	Prunings	38.358324 ° -121.527430 °	38.358324 ° -121.527430 °	978
46	3.60	3.73	Earthen Levee	Encroachments	LS	CO	Landscaping	38.358565 ° -121.527153 °	38.359729 ° -121.525345 °	82
47	3.76	3.76	Earthen Levee	Encroachments	WS	C	Debris Inspector Comments: Sitting area dug into the waterward slope.	38.359941 ° -121.524809 °	38.359941 ° -121.524809 °	962
48	3.90	3.93	Earthen Levee	Encroachments	LS	PO	Landscaping	38.361419 ° -121.523225 °	38.361752 ° -121.522974 °	80 Y
49	4.15	4.16	Earthen Levee	Encroachments	LS	PO	Buildings Inspector Comments: 3' retaining wall at the landward shoulder.	38.364854 ° -121.522378 °	38.365104 ° -121.522365 °	20 Y
50	4.17	4.17	Earthen Levee	Encroachments	LS	PO	Landscaping	38.365162 ° -121.522365 °	38.365162 ° -121.522365 °	953
51	4.33	4.35	Earthen Levee	Encroachments	LS	CO	Landscaping	38.367442 ° -121.522427 °	38.367740 ° -121.522495 °	24 Y
52	4.37	4.41	Earthen Levee	Encroachments	LS	CO	Landscaping	38.368036 ° -121.522611 °	38.368540 ° -121.522729 °	79

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2011

Reclamation District No. 0150 Merrit Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Right	7.95	05/20/2011 05/20/2011	Pavel Kazi

LMR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
53	4.53	4.68	Earthen Levee	Vegetation	LS	M	Remove the wild growth other than native grasses from the levee slopes.	38.370322 ° -121.523120 °	38.372337 ° -121.523748 °	42
54	4.55	4.55	Earthen Levee	Trim / Thin Trees	LS	C	Thin trees to allow visibility of the ground and room to flood fight.	38.370532 ° -121.523221 °	38.370532 ° -121.523221 °	21
55	4.57	4.64	Supplemental	USACE Erosion Survey	WS	M	Inspector Comments: 2009: 5 ft berm, 1.5:1 slope, slumping, clays and silts, 5.46 ft/s [2009 SiteID:SAC_38-5_R]	38.371911 ° -121.523175 °	38.370933 ° -121.522969 °	41 Y
56	4.68	4.68	Earthen Levee	Trim / Thin Trees	LS	M	Thin trees to allow visibility of the ground and room to flood fight.	38.372380 ° -121.523802 °	38.372380 ° -121.523802 °	977 Y
57	4.76	4.76	Earthen Levee	Vegetation	WS	M	Remove the wild growth other than native grasses from the levee slopes.	38.373485 ° -121.523963 °	38.373485 ° -121.523963 °	28 Y
58	4.78	4.79	Earthen Levee	Encroachments	LS	PO	Landscaping	38.373688 ° -121.524280 °	38.373970 ° -121.524403 °	76
59	4.94	4.94	Interior Drainage & Piping Systems	Metal Pipes	WS	C	Inspector Comments: Abandoned metal pipe end not fully welded shut. Need to ensure that no water can travel through pipe from river.	38.375805 ° -121.525263 °	38.375805 ° -121.525263 °	956
60	4.97	4.97	Earthen Levee	Trim / Thin Trees	LS	M	Thin trees to allow visibility of the ground and room to flood fight.	38.376279 ° -121.525471 °	38.376279 ° -121.525471 °	22
61	5.14	5.17	Earthen Levee	Trim / Thin Trees	LS	M	Trim trees to at least five feet above ground level.	38.378715 ° -121.525458 °	38.379052 ° -121.525341 °	30
62	5.17	5.22	Earthen Levee	Encroachments	LS	PO	Landscaping	38.379054 ° -121.525341 °	38.379769 ° -121.525024 °	75 Y
63	5.27	5.32	Earthen Levee	Vegetation	LS	M	Remove the wild growth other than native grasses from the levee slopes.	38.380470 ° -121.524612 °	38.381101 ° -121.524186 °	43 Y
64	5.33	5.33	Earthen Levee	Slope Stability	WS	M	Repair slope instability. Inspector Comments: Cavity located under rock rip rap on waterward slope at the shoulder over an irrigation pipe.	38.381126 ° -121.524208 °	38.381126 ° -121.524208 °	976 Y
65	5.33	5.33	Earthen Levee	Slope Stability	LS	M	Repair slope instability. Inspector Comments: Depression in the landward slope at the shoulder over an irrigation pipe.	38.381126 ° -121.524207 °	38.381126 ° -121.524207 °	975 Y
66	5.37	5.37	Earthen Levee	Encroachments	LS	C	Prunings	38.381617 ° -121.523832 °	38.381617 ° -121.523832 °	23
67	5.42	5.42	Earthen Levee	Encroachments	LS	M	Prunings	38.382167 ° -121.523178 °	38.382167 ° -121.523178 °	25
68	5.47	5.49	Earthen Levee	Encroachments	LS	PO	Landscaping	38.382675 ° -121.522367 °	38.382793 ° -121.522164 °	74
69	5.55	5.55	Earthen Levee	Encroachments	LS	C	Equipment	38.383323 ° -121.521344 °	38.383323 ° -121.521344 °	26

*** Location**

LS : Landside
WS : Waterside
CR : Crown

**** Rating**

A : Acceptable
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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. 0150 Merrit Island

Waterway				Bank	Unit Miles	Inspection Start/End	Inspector			
Unit No. 02 Sacramento River				Right	7.95	05/20/2011 05/20/2011	Pavel Kazi			
LMR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
70	5.55	5.57	Earthen Levee	Trim / Thin Trees	LS	M	Thin trees to allow visibility of the ground and room to flood fight.	38.383320 ° -121.521259 °	38.383575 ° -121.520835 °	44 Y
71	5.56	5.56	Earthen Levee	Trim / Thin Trees	LS	C	Thin trees to allow visibility of the ground and room to flood fight.	38.383402 ° -121.521150 °	38.383402 ° -121.521150 °	73
72	5.75	5.75	Earthen Levee	Encroachments	WS	M	Debris	38.385019 ° -121.518348 °	38.385019 ° -121.518348 °	47 Y
73	5.81	5.81	Earthen Levee	Encroachments	WS	M	Debris Inspector Comments: Tires on the waterward slope.	38.385654 ° -121.517535 °	38.385654 ° -121.517535 °	965 Y
74	6.18	6.27	Earthen Levee	Trim / Thin Trees	LS	M	Trim trees to at least five feet above ground level.	38.390488 ° -121.515050 °	38.391600 ° -121.514818 °	1 Y
75	6.19	6.19	Earthen Levee	Encroachments	LS	PO	Landscaping Inspector Comments: Century plant on landside slope	38.390582 ° -121.515101 °	38.390582 ° -121.515101 °	71
76	6.28	6.28	Earthen Levee	Encroachments	LS	C	Debris Inspector Comments: Tires on landside slope	38.391838 ° -121.514887 °	38.391838 ° -121.514887 °	70
77	6.41	6.41	Earthen Levee	Encroachments	LS	PO	Landscaping Inspector Comments: Century plant on the landward slope.	38.393655 ° -121.514654 °	38.393655 ° -121.514654 °	27
78	6.42	6.42	Earthen Levee	Encroachments	LS	PO	Landscaping	38.393850 ° -121.514629 °	38.393850 ° -121.514629 °	29
79	6.43	6.43	Earthen Levee	Trim / Thin Trees	LS	M	Thin trees to allow visibility of the ground and room to flood fight.	38.394008 ° -121.514609 °	38.394008 ° -121.514609 °	67
80	6.46	6.46	Earthen Levee	Trim / Thin Trees	LS	M	Trim and thin trees to allow visibility of the ground and room to flood fight.	38.394416 ° -121.514590 °	38.394416 ° -121.514590 °	31
81	6.49	6.49	Earthen Levee	Trim / Thin Trees	LS	M	Trim trees to at least five feet above ground level.	38.394846 ° -121.514566 °	38.394846 ° -121.514566 °	38
82	6.50	6.57	Earthen Levee	Encroachments	LS	PO	Landscaping	38.394935 ° -121.514597 °	38.395931 ° -121.514604 °	65 Y
83	6.54	6.54	Earthen Levee	Encroachments	WS	PO	Landscaping	38.395449 ° -121.514508 °	38.395456 ° -121.514509 °	958
84	6.67	6.72	Earthen Levee	Encroachments	LS	CO	Landscaping	38.397411 ° -121.514681 °	38.398033 ° -121.514753 °	64 Y
85	6.76	6.79	Earthen Levee	Encroachments	LS	PO	Landscaping Inspector Comments: Century plants on the landside.	38.398619 ° -121.514819 °	38.399044 ° -121.514855 °	63
86	6.80	6.80	Earthen Levee	Trim / Thin Trees	WS	M	Trim trees to at least five feet above ground level.	38.399149 ° -121.514797 °	38.399149 ° -121.514797 °	35
87	6.83	6.83	Earthen Levee	Trim / Thin Trees	LS	M	Thin trees to allow visibility of the ground and room to flood fight.	38.399689 ° -121.514926 °	38.399689 ° -121.514926 °	61
88	6.93	7.05	Earthen Levee	Encroachments	LS	CO	Landscaping	38.400936 ° -121.515173 °	38.402613 ° -121.515863 °	60 Y

*** Location**

LS : Landside
WS : Waterside
CR : Crown

**** Rating**

A : Acceptable
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PO : Partially Obstructing
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N : Not Inspected/Rated
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W : Watch/Monitor

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2011

Reclamation District No. 0150 Merrit Island

Waterway				Bank	Unit Miles	Inspection Start/End	Inspector			
Unit No. 02 Sacramento River				Right	7.95	05/20/2011 05/20/2011	Pavel Kazi			
LMR No.	Levee Mile		Category	Item	* Location	** Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
89	7.12	7.12	Earthen Levee	Encroachments	WS	A	Debris	38.403571 ° -121.516200 °	38.403571 ° -121.516200 °	52 Y
90	7.12	7.12	Earthen Levee	Encroachments	WS	C	Debris Inspector Comments: Debris left from an old pump that appears to not be operational.	38.403571 ° -121.516198 °	38.403571 ° -121.516198 °	34
91	7.12	7.12	Earthen Levee	Encroachments	LS	PO	Landscaping	38.403631 ° -121.516299 °	38.403631 ° -121.516299 °	58 Y
92	7.20	7.20	Earthen Levee	Trim / Thin Trees	LS	C	Trim trees to at least five feet above ground level.	38.404598 ° -121.516760 °	38.404598 ° -121.516760 °	45
93	7.25	7.25	Earthen Levee	Trim / Thin Trees	LS	M	Trim trees to at least five feet above ground level.	38.405383 ° -121.516940 °	38.405383 ° -121.516940 °	46 Y
94	7.28	7.28	Earthen Levee	Slope Stability	WS	M	Repair the levee slope damaged by foot traffic and prevent access where possible.	38.405774 ° -121.517283 °	38.405774 ° -121.517283 °	968 Y
95	7.32	7.32	Earthen Levee	Encroachments	LS	C	Debris	38.406221 ° -121.517613 °	38.406221 ° -121.517613 °	57
96	7.34	7.34	Earthen Levee	Vegetation	LS	M	Elderberries are blocking visibility and flood fight capability.	38.406454 ° -121.517732 °	38.406454 ° -121.517732 °	32
97	7.35	7.35	Earthen Levee	Slope Stability	WS	M	Repair the levee slope damaged by foot traffic and prevent access where possible.	38.406607 ° -121.517739 °	38.406607 ° -121.517739 °	970
98	7.36	7.41	Earthen Levee	Trim / Thin Trees	LS	M	Trim trees to at least five feet above ground level.	38.406817 ° -121.517687 °	38.407430 ° -121.518047 °	48 Y
99	7.92	7.92	Earthen Levee	Encroachments	LS	PO	Landscaping	38.413705 ° -121.522806 °	38.413705 ° -121.522806 °	56 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. 0150 Merrit Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Right	7.95	05/20/2011 05/20/2011	Pavel Kazi

Levee Mile Report Line	1
Start Levee Mile	0.16
End Levee Mile	0.16
Location	Water Side
Category	Earthen Levee
Item	Encroachments
Building located on waterside of levee at LM 0.16	
pkazi_s_20110328_399.JPG	



Levee Mile Report Line	3
Start Levee Mile	0.24
End Levee Mile	0.24
Location	Water Side
Category	Earthen Levee
Item	Vegetation
Remove century plant within 20' of waterside shoulder on waterside of the levee at LM 0.24	
pkazi_s_20110328_400.JPG	



Levee Mile Report Line	4
Start Levee Mile	0.25
End Levee Mile	0.25
Location	Land Side
Category	Earthen Levee
Item	Encroachments
Landscaping on landward slope at LM 0.25 blocking view of levee slope.	
pkazi_s_20110328_386.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. 0150 Merrit Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Right	7.95	05/20/2011 05/20/2011	Pavel Kazi

Levee Mile Report Line	5
Start Levee Mile	0.27
End Levee Mile	0.57
Location	Water Side
Category	Earthen Levee
Item	Vegetation
Wild growth vegetation was found on the waterside of the levee looking upstream.	
pkazi_s_20110531_653.jpg	



Levee Mile Report Line	6
Start Levee Mile	0.27
End Levee Mile	0.27
Location	Land Side
Category	Earthen Levee
Item	Encroachments
Remove tree branches from landside of levee at LM 0.27	
pkazi_s_20110328_412.JPG	



Levee Mile Report Line	7
Start Levee Mile	0.39
End Levee Mile	0.39
Location	Water Side
Category	Earthen Levee
Item	Encroachments
A stairway was found on the waterside of the levee. The picture was taken from the crown looking upstream.	
pkazi_s_20110531_654.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. 0150 Merrit Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Right	7.95	05/20/2011 05/20/2011	Pavel Kazi

Levee Mile Report Line	10
Start Levee Mile	0.59
End Levee Mile	0.59
Location	Water Side
Category	Earthen Levee
Item	Trim / Thin Trees
Trim trees above 5' from surface of the wateside of the levee within 20' from shoulder at LM 0.59	
pkazi_s_20110328_401.JPG	



Levee Mile Report Line	15
Start Levee Mile	1.11
End Levee Mile	1.11
Location	Land Side
Category	Earthen Levee
Item	Trim / Thin Trees
Trees needed to be trimmed to allow landside visibility of the levee. The picture was taken from the crown looking upstream.	
pkazi_s_20110531_655.jpg	



Levee Mile Report Line	16
Start Levee Mile	1.16
End Levee Mile	1.16
Location	Land Side
Category	Earthen Levee
Item	Trim / Thin Trees
View of a tree stump on the landward slope.	
pkazi_s_20110328_387.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. 0150 Merrit Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Right	7.95	05/20/2011 05/20/2011	Pavel Kazi

Levee Mile Report Line	17
Start Levee Mile	1.24
End Levee Mile	1.28
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey
2009: no berm, 1.5:1 slope, no stability issues, clays and silts, 5.89 ft/s [2009 SiteID:SAC_35-3_R]	
pkazi_s_20110328_394.JPG	



Levee Mile Report Line	20
Start Levee Mile	1.42
End Levee Mile	1.45
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey
2009: no berm, 2:1 slope, holes and slumping, clays and silts, 6.52 ft/s [2009 SiteID:SAC_35-4_R]	
pkazi_s_20110328_395.JPG	



Levee Mile Report Line	29
Start Levee Mile	2.31
End Levee Mile	2.33
Location	Land Side
Category	Earthen Levee
Item	Encroachments
Landscaping was found on the landside of the levee. The picture was taken from the crown looking upstream.	
pkazi_s_20110531_656.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. 0150 Merrit Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Right	7.95	05/20/2011 05/20/2011	Pavel Kazi

Levee Mile Report Line	30
Start Levee Mile	2.35
End Levee Mile	2.35
Location	Water Side
Category	Earthen Levee
Item	Encroachments
<p>Tree limbs were found on the waterside of the levee, even though debris on the toe couldn't be seen due to vegetation. The picture was taken from the crown looking downstream.</p>	
<p>pkazi_s_20110531_657.jpg</p>	



Levee Mile Report Line	31
Start Levee Mile	2.46
End Levee Mile	2.46
Location	Water Side
Category	Earthen Levee
Item	Encroachments
<p>View of debris located on the waterward slope looking upstream.</p>	
<p>pkazi_s_20110328_413.jpg</p>	



Levee Mile Report Line	34
Start Levee Mile	2.80
End Levee Mile	2.80
Location	Land Side
Category	Earthen Levee
Item	Trim / Thin Trees
<p>View of a tree stump on the landward slope.</p>	
<p>pkazi_s_20110328_388.jpg</p>	



<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. 0150 Merrit Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Right	7.95	05/20/2011 05/20/2011	Pavel Kazi

Levee Mile Report Line	37
Start Levee Mile	3.02
End Levee Mile	3.06
Location	Land Side
Category	Earthen Levee
Item	Encroachments
Landscaping providing a screen for a residence on landside of levee from LM 3.02 to LM 3.06	
pkazi_s_20110328_411.JPG	



Levee Mile Report Line	38
Start Levee Mile	3.13
End Levee Mile	3.13
Location	Land Side
Category	Earthen Levee
Item	Trim / Thin Trees
Tree branches were obstruction the visibility of the landside slope of the levee. The picture was taken from the crown looking upstream.	
pkazi_s_20110531_658.jpg	



Levee Mile Report Line	40
Start Levee Mile	3.29
End Levee Mile	3.29
Location	Water Side
Category	Earthen Levee
Item	Erosion / Bank Caving
View of erosion on the waterward slope looking upstream. Depressions into the slope can be seen in several places.	
pkazi_s_20110328_414.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. 0150 Merrit Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Right	7.95	05/20/2011 05/20/2011	Pavel Kazi

Levee Mile Report Line	40
Start Levee Mile	3.29
End Levee Mile	3.29
Location	Water Side
Category	Earthen Levee
Item	Erosion / Bank Caving
Additional view of erosion on the waterward slope looking upstream. Note the damaged pump support, pump, and pipe just upstream of the site.	
pkazi_s_20110328_415.jpg	



Levee Mile Report Line	48
Start Levee Mile	3.90
End Levee Mile	3.93
Location	Land Side
Category	Earthen Levee
Item	Encroachments
Landscaping in front of a residence on landside of levee from LM 3.90 to LM 3.93. The levee in this location is greater than 100' wide.	
pkazi_s_20110328_410.JPG	



Levee Mile Report Line	49
Start Levee Mile	4.15
End Levee Mile	4.16
Location	Land Side
Category	Earthen Levee
Item	Encroachments
View of a retaining wall on the landward slope looking upstream.	
pkazi_s_20110328_390.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. 0150 Merrit Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Right	7.95	05/20/2011 05/20/2011	Pavel Kazi

Levee Mile Report Line	51
Start Levee Mile	4.33
End Levee Mile	4.35
Location	Land Side
Category	Earthen Levee
Item	Encroachments
Landscaping (Oleander) on landward slope from 4.33 to 4.35	
pkazi_s_20110328_391.jpg	



Levee Mile Report Line	55
Start Levee Mile	4.57
End Levee Mile	4.64
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey
2009: 5 ft berm, 1.5:1 slope, slumping, clays and silts, 5.46 ft/s [2009 SiteID:SAC_38-5_R]	
pkazi_s_20110328_396.JPG	



Levee Mile Report Line	56
Start Levee Mile	4.68
End Levee Mile	4.68
Location	Land Side
Category	Earthen Levee
Item	Trim / Thin Trees
View of a tree on the landward slope with lower branches blocking visibility and access. Most of these branches appear to already be dead and should be removed.	
pkazi_s_20110328_421.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. 0150 Merrit Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Right	7.95	05/20/2011 05/20/2011	Pavel Kazi

Levee Mile Report Line	57
Start Levee Mile	4.76
End Levee Mile	4.76
Location	Water Side
Category	Earthen Levee
Item	Vegetation
Century plant on waterward slope at LM 4.76	
pkazi_s_20110328_392.jpg	



Levee Mile Report Line	62
Start Levee Mile	5.17
End Levee Mile	5.22
Location	Land Side
Category	Earthen Levee
Item	Encroachments
View of landscaping along the landward shoulder and slope looking downstream.	
pkazi_s_20110328_409.jpg	



Levee Mile Report Line	63
Start Levee Mile	5.27
End Levee Mile	5.32
Location	Land Side
Category	Earthen Levee
Item	Vegetation
Wild growth vegetation was found on the landside of the levee. The picture was taken from the crown looking upstream.	
pkazi_s_20110531_659.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. 0150 Merrit Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Right	7.95	05/20/2011 05/20/2011	Pavel Kazi

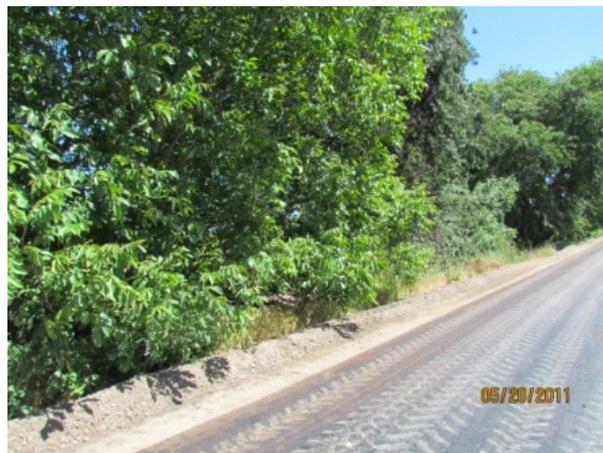
Levee Mile Report Line	64
Start Levee Mile	5.33
End Levee Mile	5.33
Location	Water Side
Category	Earthen Levee
Item	Slope Stability
View of rock placed on a pipe penetration on the waterward slope. Cavities can be seen under the rocks.	
pkazi_s_20110328_420.jpg	



Levee Mile Report Line	65
Start Levee Mile	5.33
End Levee Mile	5.33
Location	Land Side
Category	Earthen Levee
Item	Slope Stability
View of a minor depression along the landward slope of the levee over a pipe penetration looking downstream.	
pkazi_s_20110328_419.jpg	



Levee Mile Report Line	70
Start Levee Mile	5.55
End Levee Mile	5.57
Location	Land Side
Category	Earthen Levee
Item	Trim / Thin Trees
Tree branches were obstruction the visibility of the landside slope of the levee. The picture was taken from the crown looking upstream.	
pkazi_s_20110531_660.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. 0150 Merrit Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Right	7.95	05/20/2011 05/20/2011	Pavel Kazi

Levee Mile Report Line	72
Start Levee Mile	5.75
End Levee Mile	5.75
Location	Water Side
Category	Earthen Levee
Item	Encroachments
<p>Debris were found on the waterside slope of the levee. The picture was taken from the crown looking upstream.</p>	
<p>pkazi_s_20110531_661.jpg</p>	



Levee Mile Report Line	73
Start Levee Mile	5.81
End Levee Mile	5.81
Location	Water Side
Category	Earthen Levee
Item	Encroachments
<p>View of several tires along the waterward slope.</p>	
<p>pkazi_s_20110328_417.jpg</p>	



Levee Mile Report Line	74
Start Levee Mile	6.18
End Levee Mile	6.27
Location	Land Side
Category	Earthen Levee
Item	Trim / Thin Trees
<p>View of the trees that need to be trimmed up 5 feet.</p>	
<p>pkazi_s_20110328_385.jpg</p>	



<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. 0150 Merrit Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Right	7.95	05/20/2011 05/20/2011	Pavel Kazi

Levee Mile Report Line	82
Start Levee Mile	6.50
End Levee Mile	6.57
Location	Land Side
Category	Earthen Levee
Item	Encroachments
View of landscaping along the waterward shoulder and slope looking downstream.	
pkazi_s_20110328_407.jpg	



Levee Mile Report Line	84
Start Levee Mile	6.67
End Levee Mile	6.72
Location	Land Side
Category	Earthen Levee
Item	Encroachments
Landscaping providing a screen for a residence on landside of levee from LM 6.68 to LM 6.72	
pkazi_s_20110328_406.JPG	



Levee Mile Report Line	88
Start Levee Mile	6.93
End Levee Mile	7.05
Location	Land Side
Category	Earthen Levee
Item	Encroachments
Landscaping providing a screen for a residence on landside of levee from LM 6.93 to LM 7.05	
pkazi_s_20110328_405.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. 0150 Merrit Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Right	7.95	05/20/2011 05/20/2011	Pavel Kazi

Levee Mile Report Line	89
Start Levee Mile	7.12
End Levee Mile	7.12
Location	Water Side
Category	Earthen Levee
Item	Encroachments
<p>No debris was found near the gate where debris was found during last inspection. The picture was taken from the crown looking waterside of the levee.</p>	
<p>pkazi_s_20110531_662.jpg</p>	



Levee Mile Report Line	91
Start Levee Mile	7.12
End Levee Mile	7.12
Location	Land Side
Category	Earthen Levee
Item	Encroachments
<p>Landscaping providing a screen for a residence on landside of levee at LM 7.12</p>	
<p>pkazi_s_20110328_404.JPG</p>	



Levee Mile Report Line	93
Start Levee Mile	7.25
End Levee Mile	7.25
Location	Land Side
Category	Earthen Levee
Item	Trim / Thin Trees
<p>Trim or remove brush to allow for visibility on landside of levee at LM 7.25</p>	
<p>pkazi_s_20110328_397.JPG</p>	



<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. 0150 Merrit Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Right	7.95	05/20/2011 05/20/2011	Pavel Kazi

Levee Mile Report Line	94
Start Levee Mile	7.28
End Levee Mile	7.28
Location	Water Side
Category	Earthen Levee
Item	Slope Stability

View of minor erosion along the top portion of the waterward slope likely cause by foot traffic. The erosion has started to encroach into the shoulder of the road.

pkazi_s_20110328_418.jpg



Levee Mile Report Line	98
Start Levee Mile	7.36
End Levee Mile	7.41
Location	Land Side
Category	Earthen Levee
Item	Trim / Thin Trees

Trim/thin trees and brush on landside of levee from LM 7.36 to LM 7.41

pkazi_s_20110328_398.JPG



Levee Mile Report Line	99
Start Levee Mile	7.92
End Levee Mile	7.92
Location	Land Side
Category	Earthen Levee
Item	Encroachments

Landscaping on landside of levee at LM 7.92

pkazi_s_20110328_402.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. 0150 Merrit Island

Waterway		Bank	Unit Miles
Unit No. 03 Elk Slough		Left	9.58

	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)				
Date of Inspection	5/27/2011 - 5/27/2011			
DWR Inspector	Pavel Kazi			
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, 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. 0150 Merrit Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Elk Slough	Left	9.58	05/27/2011 05/27/2011	Pavel Kazi

LMR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
1	0.11	0.11	Earthen Levee	Vegetation	WS	M	Elderberries are blocking visibility and flood fight capability.	38.334233 ° -121.583414 °	38.334233 ° -121.583414 °	936 Y
2	0.20	0.21	Supplemental	USACE Erosion Survey	WS	M	Inspector Comments: 2009: no berm, 1:1 slope, tree hazards, clays and cobbles, 3 ft/s [2009 SiteID:ELK_0-2_L]	38.335617 ° -121.582836 °	38.335422 ° -121.582947 °	80 Y
3	0.36	0.36	Earthen Levee	Encroachments	WS	PO	Buildings Inspector Comments: Steps, water, electricity, and dock on waterward slope.	38.337442 ° -121.581628 °	38.337442 ° -121.581628 °	3 Y
4	0.38	0.38	Earthen Levee	Encroachments	LS	PO	Landscaping Inspector Comments: ice plant on land slope	38.337632 ° -121.581532 °	38.337632 ° -121.581532 °	42
5	0.56	0.56	Earthen Levee	Trim / Thin Trees	WS	M	Thin trees to allow visibility of the ground and room to flood fight.	38.340273 ° -121.580969 °	38.340273 ° -121.580969 °	937 Y
6	0.92	0.95	Earthen Levee	Vegetation	LS	M	Elderberries are blocking visibility and flood fight capability.	38.345293 ° -121.579769 °	38.345634 ° -121.579574 °	5 Y
7	1.23	1.23	Earthen Levee	Slope Stability	LS	M	Repair the levee slope damaged by vehicle traffic and prevent access where possible.	38.347607 ° -121.576130 °	38.347607 ° -121.576130 °	10 Y
8	1.34	1.56	Earthen Levee	Vegetation	LS	M	Control annual grass and weeds on the levee slopes and easements.	38.347393 ° -121.573900 °	38.349840 ° -121.572639 °	59
9	1.82	1.82	Earthen Levee	Erosion / Bank Caving	WS	M	Note and monitor erosion site. Inspector Comments: Erosion appeared under the pipe.	38.353249 ° -121.572848 °	38.353249 ° -121.572848 °	50 Y
10	1.82	2.06	Earthen Levee	Vegetation	LS	M	Remove the wild growth other than native grasses from the levee slopes.	38.353251 ° -121.572848 °	38.354665 ° -121.569340 °	44
11	2.02	2.02	Earthen Levee	Vegetation	WS	M	Remove the wild growth other than native grasses from the levee slopes.	38.354796 ° -121.570004 °	38.354796 ° -121.570004 °	45 Y
12	2.60	2.60	Earthen Levee	Trim / Thin Trees	LS	N	Tree stumps.	38.356853 ° -121.561565 °	38.356853 ° -121.561565 °	11 Y
13	2.77	2.77	Earthen Levee	Crown Surface / Depressions / Rutting	CR	A	Regrade the crown roadway for proper drainage.	38.359456 ° -121.561276 °	38.359456 ° -121.561276 °	43 Y
14	2.78	2.78	Earthen Levee	Crown Surface / Depressions / Rutting	CR	C	Regrade the crown roadway for proper drainage. Inspector Comments: Depression in the asphalt roadway.	38.359326 ° -121.561254 °	38.359326 ° -121.561254 °	13
15	2.87	2.87	Earthen Levee	Trim / Thin Trees	WS	N	Tree stumps.	38.360621 ° -121.561762 °	38.360621 ° -121.561762 °	17 Y
16	3.01	3.01	Earthen Levee	Trim / Thin Trees	WS	N	Tree stumps.	38.362576 ° -121.562285 °	38.362576 ° -121.562285 °	18 Y
17	3.18	3.18	Earthen Levee	Trim / Thin Trees	WS	N	Tree stumps.	38.363800 ° -121.560128 °	38.363800 ° -121.560128 °	19 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. 0150 Merrit Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Elk Slough	Left	9.58	05/27/2011 05/27/2011	Pavel Kazi

LMR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
18	3.21	3.21	Earthen Levee	Trim / Thin Trees	WS	N	Tree stumps.	38.363658 ° -121.559583 °	38.363658 ° -121.559583 °	20 Y
19	3.26	3.26	Earthen Levee	Trim / Thin Trees	WS	N	Tree stumps.	38.363387 ° -121.558685 °	38.363387 ° -121.558685 °	22 Y
20	3.30	3.30	Earthen Levee	Encroachments	LS	M	Debris	38.363152 ° -121.558088 °	38.363152 ° -121.558088 °	40 Y
21	3.34	3.34	Earthen Levee	Encroachments	LS	M	Pipe	38.363043 ° -121.557316 °	38.363043 ° -121.557316 °	39 Y
22	3.41	3.41	Earthen Levee	Trim / Thin Trees	WS	N	Tree stumps.	38.363147 ° -121.556190 °	38.363147 ° -121.556190 °	27 Y
23	3.43	3.48	Earthen Levee	Erosion / Bank Caving	WS	C	Note and monitor erosion site.	38.363223 ° -121.555962 °	38.363953 ° -121.555382 °	14
24	3.43	3.48	Earthen Levee	Erosion / Bank Caving	WS	A	Note and monitor erosion site.	37.363223 ° -121.555960 °	37.363953 ° -121.555380 °	62 Y
25	3.50	3.54	Earthen Levee	Encroachments	LS	PO	Landscaping	38.364251 ° -121.555321 °	38.364772 ° -121.555343 °	47 Y
26	3.75	3.75	Earthen Levee	Slope Stability	LS	M	Repair the levee slope damaged by vehicle traffic and prevent access where possible.	38.367305 ° -121.554984 °	38.367305 ° -121.554984 °	927 Y
27	3.77	3.77	Earthen Levee	Slope Stability	WS	M	Repair the levee slope damaged by foot traffic and prevent access where possible.	38.367393 ° -121.554528 °	38.367393 ° -121.554528 °	15 Y
28	3.79	3.79	Earthen Levee	Animal Control	WS	M	Exterminate rodents and backfill and compact or grout burrows.	38.367373 ° -121.554085 °	38.367373 ° -121.554085 °	36 Y
29	3.95	3.95	Earthen Levee	Encroachments	LS	M	Debris	38.368118 ° -121.551509 °	38.368118 ° -121.551509 °	48 Y
30	4.02	4.02	Earthen Levee	Slope Stability	WS	M	Repair slope instability.	38.369182 ° -121.551477 °	38.369182 ° -121.551477 °	33 Y
31	4.06	4.06	Earthen Levee	Crown Surface / Depressions / Rutting	CR	M	Regrade the crown roadway for proper drainage.	38.369686 ° -121.551744 °	38.369686 ° -121.551744 °	35 Y
32	4.10	4.10	Earthen Levee	Animal Control	WS	M	No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.	38.370113 ° -121.552009 °	38.370113 ° -121.552009 °	29 Y
33	4.10	4.10	Earthen Levee	Slope Stability	WS	M	Repair slope instability.	38.370113 ° -121.552011 °	38.370113 ° -121.552011 °	28 Y
34	4.35	4.35	Earthen Levee	Trim / Thin Trees	WS	N	Tree stumps.	38.373319 ° -121.550836 °	38.373319 ° -121.550836 °	37 Y
35	4.39	4.39	Earthen Levee	Crown Surface / Depressions / Rutting	CR	M	Regrade the crown roadway for proper drainage.	38.373741 ° -121.550481 °	38.373741 ° -121.550481 °	38 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. 0150 Merrit Island

Waterway			Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Elk Slough			Left	9.58	05/27/2011 05/27/2011	Pavel Kazi

LMR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
36	4.46	4.46	Earthen Levee	Encroachments	LS	M	Prunings	38.374269 ° -121.549385 °	38.374269 ° -121.549385 °	51 Y
37	4.51	4.51	Earthen Levee	Encroachments	LS	M	Tree or limb	38.374267 ° -121.548441 °	38.374267 ° -121.548441 °	52 Y
38	4.56	4.56	Earthen Levee	Encroachments	LS	C	Landscaping Inspector Comments: Some has been removed, but more remains toward the landward slope.	38.374328 ° -121.547578 °	38.374328 ° -121.547578 °	16 Y
39	4.59	4.59	Earthen Levee	Trim / Thin Trees	WS	M	Trim and thin trees to allow visibility of the ground and room to flood fight.	38.374419 ° -121.547096 °	38.374419 ° -121.547096 °	53 Y
40	4.70	4.70	Earthen Levee	Slope Stability	WS	M	Repair slope instability.	38.374805 ° -121.545214 °	38.374805 ° -121.545214 °	12 Y
41	4.98	4.98	Earthen Levee	Encroachments	LS	C	Tree or limb	38.377601 ° -121.541549 °	38.377601 ° -121.541549 °	54 Y
42	4.98	4.98	Earthen Levee	Encroachments	LS	M	Equipment	38.377761 ° -121.541319 °	38.377761 ° -121.541319 °	9 Y
43	4.99	4.99	Earthen Levee	Trim / Thin Trees	LS	C	Thin trees to allow visibility of the ground and room to flood fight.	38.377737 ° -121.541384 °	38.377737 ° -121.541384 °	940 Y
44	4.99	4.99	Earthen Levee	Trim / Thin Trees	LS	A	Thin trees to allow visibility of the ground and room to flood fight.	38.377737 ° -121.541380 °	38.377737 ° -121.541380 °	4 Y
45	5.03	5.07	Earthen Levee	Encroachments	LS	C	Landscaping	38.378203 ° -121.541048 °	38.378651 ° -121.540608 °	55 Y
46	5.22	5.22	Earthen Levee	Crown Surface / Depressions / Rutting	CR	M	Regrade the crown roadway for proper drainage. Inspector Comments: There is a significant difference in the crown roadway elevation as it transitions from the paved roadway to the gravel access road.	38.380779 ° -121.540264 °	38.380779 ° -121.540264 °	941 Y
47	5.80	5.80	Earthen Levee	Trim / Thin Trees	WS	N	Tree stumps.	38.383969 ° -121.542806 °	38.383969 ° -121.542806 °	41 Y
48	5.89	5.94	Earthen Levee	Encroachments	LS	PO	Fences	38.384363 ° -121.541161 °	38.384796 ° -121.540525 °	56 Y
49	5.93	5.93	Earthen Levee	Encroachments	LS	M	Tree or limb	38.384648 ° -121.540669 °	38.384648 ° -121.540669 °	57 Y
50	5.93	5.93	Earthen Levee	Encroachments	CR	CO	Buildings	38.384803 ° -121.540545 °	38.384803 ° -121.540545 °	58 Y
51	6.01	6.09	Earthen Levee	Encroachments	LS	PO	Landscaping	38.385752 ° -121.539905 °	38.386703 ° -121.540042 °	21 Y
52	6.06	6.06	Earthen Levee	Encroachments	WS	M	Pipe Inspector Comments: Improperly abandoned pipe through the levee.	38.386422 ° -121.539861 °	38.386422 ° -121.539861 °	46 Y
53	6.14	6.14	Earthen Levee	Encroachments	LS	PO	Landscaping	38.387348 ° -121.540577 °	38.387348 ° -121.540577 °	23 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. 0150 Merrit Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Elk Slough	Left	9.58	05/27/2011 05/27/2011	Pavel Kazi

LMR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
54	6.24	6.31	Earthen Levee	Encroachments	LS	PO	Landscaping	38.388535 ° -121.541657 °	38.389391 ° -121.541901 °	24 Y
55	6.34	6.34	Earthen Levee	Trim / Thin Trees	WS	N	Tree stumps.	38.389658 ° -121.541518 °	38.389658 ° -121.541518 °	49 Y
56	6.35	6.36	Earthen Levee	Encroachments	LS	PO	Landscaping	38.389700 ° -121.541462 °	38.389808 ° -121.541285 °	25
57	6.37	6.40	Earthen Levee	Encroachments	LS	PO	Landscaping	38.389858 ° -121.541155 °	38.390115 ° -121.540657 °	26 Y
58	6.56	6.56	Earthen Levee	Encroachments	LS	PO	Landscaping	38.391616 ° -121.538378 °	38.391616 ° -121.538378 °	60 Y
59	6.63	6.63	Earthen Levee	Encroachments	LS	M	Prunings	38.392677 ° -121.538072 °	38.392677 ° -121.538072 °	8 Y
60	6.87	6.95	Earthen Levee	Encroachments	LS	PO	Landscaping	38.395670 ° -121.537925 °	38.396027 ° -121.536575 °	30 Y
61	6.98	7.04	Earthen Levee	Encroachments	LS	PO	Landscaping Inspector Comments: Landscaping has been maintained better, but some obstructions still exist.	38.396187 ° -121.536180 °	38.396989 ° -121.535151 °	933
62	7.02	7.02	Earthen Levee	Erosion / Bank Caving	WS	M	Note and monitor erosion site.	38.396655 ° -121.535485 °	38.396655 ° -121.535485 °	61 Y
63	7.06	7.09	Earthen Levee	Encroachments	LS	PO	Landscaping	38.397021 ° -121.535151 °	38.397540 ° -121.535183 °	31
64	7.32	7.32	Earthen Levee	Encroachments	LS	M	Equipment Inspector Comments: Metal piled at landward toe obstructing visibility and ability to flood fight.	38.400699 ° -121.536049 °	38.400699 ° -121.536049 °	945
65	7.39	7.39	Earthen Levee	Encroachments	WS	PO	Landscaping	38.401481 ° -121.536876 °	38.401481 ° -121.536876 °	64 Y
66	7.42	7.47	Earthen Levee	Encroachments	LS	PO	Landscaping	38.401738 ° -121.537127 °	38.402296 ° -121.537678 °	32 Y
67	7.50	7.50	Earthen Levee	Trim / Thin Trees	LS	N	Tree stumps.	38.402779 ° -121.538197 °	38.402779 ° -121.538197 °	63 Y
68	7.55	7.55	Earthen Levee	Encroachments	LS	PO	Landscaping	38.403161 ° -121.538610 °	38.403161 ° -121.538610 °	34 Y
69	7.58	7.58	Earthen Levee	Encroachments	LS	PO	Landscaping	38.403566 ° -121.538886 °	38.403566 ° -121.538886 °	934
70	7.60	7.60	Earthen Levee	Encroachments	LS	M	Prunings	38.403795 ° -121.539205 °	38.403795 ° -121.539205 °	935 Y
71	7.81	7.81	Earthen Levee	Encroachments	WS	PO	Poles	38.405275 ° -121.542473 °	38.405275 ° -121.542473 °	1

<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. 0150 Merrit Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Elk Slough	Left	9.58	05/27/2011 05/27/2011	Pavel Kazi

LMR No.	Levee Mile		Category	Item	* Location	** Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
72	8.21	8.21	Earthen Levee	Erosion / Bank Caving	WS	M	Note and monitor erosion site.	38.409275 ° -121.539150 °	38.409275 ° -121.539150 °	946 Y
73	8.46	8.46	Earthen Levee	Erosion / Bank Caving	WS	M	Note and monitor erosion site.	38.407960 ° -121.534898 °	38.407960 ° -121.534898 °	66 Y
74	8.48	8.48	Earthen Levee	Erosion / Bank Caving	WS	M	Note and monitor erosion site.	38.407958 ° -121.534583 °	38.407958 ° -121.534583 °	67 Y
75	8.52	8.62	Earthen Levee	Encroachments	LS	PO	Agricultural Ditch Inspector Comments: Irrigation Ditch in landside toe	38.408238 ° -121.533866 °	38.409291 ° -121.532702 °	69
76	8.62	8.62	Earthen Levee	Encroachments	CR	M	Tree or limb	38.409229 ° -121.532789 °	38.409229 ° -121.532789 °	2 Y
77	8.69	8.69	Earthen Levee	Erosion / Bank Caving	WS	M	Note and monitor erosion site.	38.409849 ° -121.531729 °	38.409849 ° -121.531729 °	6 Y
78	8.87	8.87	Earthen Levee	Encroachments	WS	M	Debris	38.411593 ° -121.529143 °	38.411593 ° -121.529143 °	7 Y
79	9.10	9.10	Earthen Levee	Trim / Thin Trees	WS	N	Tree stumps.	38.414660 ° -121.528996 °	38.414660 ° -121.528996 °	77 Y
80	9.12	9.12	Earthen Levee	Trim / Thin Trees	WS	C	Thin trees to allow visibility of the ground and room to flood fight.	38.415158 ° -121.528822 °	38.415158 ° -121.528822 °	948
81	9.35	9.35	Earthen Levee	Trim / Thin Trees	WS	M	Trim and thin trees to allow visibility of the ground and room to flood fight.	38.413433 ° -121.526180 °	38.413433 ° -121.526180 °	72 Y
82	9.51	9.51	Earthen Levee	Trim / Thin Trees	WS	M	Trim and thin trees to allow visibility of the ground and room to flood fight.	38.413169 ° -121.523707 °	38.413169 ° -121.523707 °	73 Y
83	9.56	9.56	Earthen Levee	Trim / Thin Trees	WS	M	Trim and thin trees to allow visibility of the ground and room to flood fight.	38.413649 ° -121.523087 °	38.413649 ° -121.523087 °	74
84	9.56	9.56	Earthen Levee	Encroachments	LS	M	Equipment	38.413560 ° -121.522936 °	38.413560 ° -121.522936 °	950

<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. 0150 Merrit Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Elk Slough	Left	9.58	05/27/2011 05/27/2011	Pavel Kazi

Levee Mile Report Line	1
Start Levee Mile	0.11
End Levee Mile	0.11
Location	Water Side
Category	Earthen Levee
Item	Vegetation

View of elderberry bush within 20 feet of shoulder blocking visibility and access.

pkazi_s_20110328_465.jpg



Levee Mile Report Line	2
Start Levee Mile	0.20
End Levee Mile	0.21
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey

2009: no berm, 1:1 slope, tree hazards, clays and cobbles, 3 ft/s [2009 SiteID:ELK_0-2_L]

pkazi_s_20110328_463.JPG



Levee Mile Report Line	3
Start Levee Mile	0.36
End Levee Mile	0.36
Location	Water Side
Category	Earthen Levee
Item	Encroachments

View of steps, a dock, and associated utilities on the waterward slope.

pkazi_s_20110328_423.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. 0150 Merrit Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Elk Slough	Left	9.58	05/27/2011 05/27/2011	Pavel Kazi

Levee Mile Report Line	5
Start Levee Mile	0.56
End Levee Mile	0.56
Location	Water Side
Category	Earthen Levee
Item	Trim / Thin Trees
View of trees and bushes within 20 feet of the shoulder blocking visibility and access.	
pkazi_s_20110328_466.jpg	



Levee Mile Report Line	6
Start Levee Mile	0.92
End Levee Mile	0.95
Location	Land Side
Category	Earthen Levee
Item	Vegetation
View of elderberries on the landward slope blocking visibility and access.	
pkazi_s_20110328_424.jpg	



Levee Mile Report Line	7
Start Levee Mile	1.23
End Levee Mile	1.23
Location	Land Side
Category	Earthen Levee
Item	Slope Stability
Damaged slope from foot traffic and rain runoff at LM 1.23	
pkazi_s_20110328_425.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. 0150 Merrit Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Elk Slough	Left	9.58	05/27/2011 05/27/2011	Pavel Kazi

Levee Mile Report Line	7
Start Levee Mile	1.23
End Levee Mile	1.23
Location	Land Side
Category	Earthen Levee
Item	Slope Stability
Erosion couldn't be seen due to vegetation during Spring 2011 inspection. The picture was taken from the crown looking upstream.	
pkazi_s_20110531_691.jpg	



Levee Mile Report Line	9
Start Levee Mile	1.82
End Levee Mile	1.82
Location	Water Side
Category	Earthen Levee
Item	Erosion / Bank Caving
Erosion was found on the waterside slope of the levee near the vicinity of the pipe. The picture was taken from the crown looking downstream.	
pkazi_s_20110531_690.jpg	



Levee Mile Report Line	11
Start Levee Mile	2.02
End Levee Mile	2.02
Location	Water Side
Category	Earthen Levee
Item	Vegetation
Overgrown vegetation was blocking the visibility of waterside of the levee looking downstream.	
pkazi_s_20110531_689.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. 0150 Merrit Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Elk Slough	Left	9.58	05/27/2011 05/27/2011	Pavel Kazi

Levee Mile Report Line	12
Start Levee Mile	2.60
End Levee Mile	2.60
Location	Land Side
Category	Earthen Levee
Item	Trim / Thin Trees
View of tree stumps on the landward slope.	
pkazi_s_20110328_426.jpg	



Levee Mile Report Line	13
Start Levee Mile	2.77
End Levee Mile	2.77
Location	Crown
Category	Earthen Levee
Item	Crown Surface / Depressions / Rutting
The crown was repaired by the LMA. The picture was taken from the crown looking downstream.	
pkazi_s_20110531_688.jpg	



Levee Mile Report Line	15
Start Levee Mile	2.87
End Levee Mile	2.87
Location	Water Side
Category	Earthen Levee
Item	Trim / Thin Trees
View of tree stumps on the waterward slope.	
pkazi_s_20110328_432.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. 0150 Merrit Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Elk Slough	Left	9.58	05/27/2011 05/27/2011	Pavel Kazi

Levee Mile Report Line	16
Start Levee Mile	3.01
End Levee Mile	3.01
Location	Water Side
Category	Earthen Levee
Item	Trim / Thin Trees
View of tree stumps on the waterward slope.	
pkazi_s_20110328_433.jpg	



Levee Mile Report Line	17
Start Levee Mile	3.18
End Levee Mile	3.18
Location	Water Side
Category	Earthen Levee
Item	Trim / Thin Trees
View of tree stumps on the waterward slope.	
pkazi_s_20110328_434.jpg	



Levee Mile Report Line	18
Start Levee Mile	3.21
End Levee Mile	3.21
Location	Water Side
Category	Earthen Levee
Item	Trim / Thin Trees
View of tree stumps on the waterward slope.	
pkazi_s_20110328_435.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. 0150 Merrit Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Elk Slough	Left	9.58	05/27/2011 05/27/2011	Pavel Kazi

Levee Mile Report Line	19
Start Levee Mile	3.26
End Levee Mile	3.26
Location	Water Side
Category	Earthen Levee
Item	Trim / Thin Trees
View of tree stumps on the waterward slope.	
pkazi_s_20110328_436.jpg	



Levee Mile Report Line	20
Start Levee Mile	3.30
End Levee Mile	3.30
Location	Land Side
Category	Earthen Levee
Item	Encroachments
Debris were found on the landside of the levee. The picture was taken from the crown looking landside.	
pkazi_s_20110531_687.jpg	



Levee Mile Report Line	21
Start Levee Mile	3.34
End Levee Mile	3.34
Location	Land Side
Category	Earthen Levee
Item	Encroachments
An abandon pipe was located on the landside of the levee. The picture was taken from the crown looking downstream.	
pkazi_s_20110531_686.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. 0150 Merrit Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Elk Slough	Left	9.58	05/27/2011 05/27/2011	Pavel Kazi

Levee Mile Report Line	22
Start Levee Mile	3.41
End Levee Mile	3.41
Location	Water Side
Category	Earthen Levee
Item	Trim / Thin Trees
View of tree stumps on the waterward slope.	
pkazi_s_20110328_439.jpg	



Levee Mile Report Line	24
Start Levee Mile	3.43
End Levee Mile	3.48
Location	Water Side
Category	Earthen Levee
Item	Erosion / Bank Caving
The erosion site has been repaired by LMA. The picture was taken from the crown looking downstream.	
pkazi_s_20110531_685.jpg	



Levee Mile Report Line	25
Start Levee Mile	3.50
End Levee Mile	3.54
Location	Land Side
Category	Earthen Levee
Item	Encroachments
Landscaping & garden on landward slope of levee at LM 3.50 to LM 3.54.	
pkazi_s_20110328_448.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. 0150 Merrit Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Elk Slough	Left	9.58	05/27/2011 05/27/2011	Pavel Kazi

Levee Mile Report Line	26
Start Levee Mile	3.75
End Levee Mile	3.75
Location	Land Side
Category	Earthen Levee
Item	Slope Stability
Repair minor damage to levee slope along landward ramp at LM 3.75.	
pkazi_s_20110328_464.jpg	



Levee Mile Report Line	26
Start Levee Mile	3.75
End Levee Mile	3.75
Location	Land Side
Category	Earthen Levee
Item	Slope Stability
Slope instability possible due to vehicular traffic on the landside of the levee. The picture was taken from the crown looking upstream during Spring 2011 inspection.	
pkazi_s_20110531_684.jpg	



Levee Mile Report Line	27
Start Levee Mile	3.77
End Levee Mile	3.77
Location	Water Side
Category	Earthen Levee
Item	Slope Stability
Repair slope damaged by foot traffic at LM 3.77.	
pkazi_s_20110328_429.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. 0150 Merrit Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Elk Slough	Left	9.58	05/27/2011 05/27/2011	Pavel Kazi

Levee Mile Report Line	27
Start Levee Mile	3.77
End Levee Mile	3.77
Location	Water Side
Category	Earthen Levee
Item	Slope Stability
Updated picture of the erosion on the waterside slope of the levee during Spring 2011 inspection.	
pkazi_s_20110531_683.jpg	



Levee Mile Report Line	28
Start Levee Mile	3.79
End Levee Mile	3.79
Location	Water Side
Category	Earthen Levee
Item	Animal Control
A rodent hole was found on the shoulder of waterside of the levee. The picture was taken from the crown looking toward the slough.	
pkazi_s_20110531_682.jpg	



Levee Mile Report Line	29
Start Levee Mile	3.95
End Levee Mile	3.95
Location	Land Side
Category	Earthen Levee
Item	Encroachments
Debris pile on landward slope at LM 3.95.	
pkazi_s_20110328_449.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. 0150 Merrit Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Elk Slough	Left	9.58	05/27/2011 05/27/2011	Pavel Kazi

Levee Mile Report Line	29
Start Levee Mile	3.95
End Levee Mile	3.95
Location	Land Side
Category	Earthen Levee
Item	Encroachments
Updated view of material piled at the toe of the levee as of fall 2009.	
pkazi_s_20110328_450.jpg	



Levee Mile Report Line	29
Start Levee Mile	3.95
End Levee Mile	3.95
Location	Land Side
Category	Earthen Levee
Item	Encroachments
Debris found on the landside of the levee during Spring 2011 inspection. The picture was taken from the crown looking upstream.	
pkazi_s_20110531_681.jpg	



Levee Mile Report Line	30
Start Levee Mile	4.02
End Levee Mile	4.02
Location	Water Side
Category	Earthen Levee
Item	Slope Stability
Erosion was found on the waterside slope of the levee. The picture was taken from the crown looking downstream.	
pkazi_s_20110531_680.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. 0150 Merrit Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Elk Slough	Left	9.58	05/27/2011 05/27/2011	Pavel Kazi

Levee Mile Report Line	31
Start Levee Mile	4.06
End Levee Mile	4.06
Location	Crown
Category	Earthen Levee
Item	Crown Surface / Depressions / Rutting
View of depressions in the roadway looking upstream.	
pkazi_s_20110328_443.jpg	



Levee Mile Report Line	32
Start Levee Mile	4.10
End Levee Mile	4.10
Location	Water Side
Category	Earthen Levee
Item	Animal Control
A rodent hole was found on the waterside slope of the levee. The picture was taken from the crown looking downstream.	
pkazi_s_20110531_678.jpg	



Levee Mile Report Line	33
Start Levee Mile	4.10
End Levee Mile	4.10
Location	Water Side
Category	Earthen Levee
Item	Slope Stability
Erosion was found on the waterside slope of the levee. The picture was taken from the crown looking downstream.	
pkazi_s_20110531_679.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. 0150 Merrit Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Elk Slough	Left	9.58	05/27/2011 05/27/2011	Pavel Kazi

Levee Mile Report Line	34
Start Levee Mile	4.35
End Levee Mile	4.35
Location	Water Side
Category	Earthen Levee
Item	Trim / Thin Trees
View of tree stumps on the waterward slope.	
pkazi_s_20110328_444.jpg	



Levee Mile Report Line	35
Start Levee Mile	4.39
End Levee Mile	4.39
Location	Crown
Category	Earthen Levee
Item	Crown Surface / Depressions / Rutting
View of depressions in the crown roadway looking upstream.	
pkazi_s_20110328_445.jpg	



Levee Mile Report Line	36
Start Levee Mile	4.46
End Levee Mile	4.46
Location	Land Side
Category	Earthen Levee
Item	Encroachments
Remove pruning pile on landward slope at LM 4.46.	
pkazi_s_20110328_452.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. 0150 Merrit Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Elk Slough	Left	9.58	05/27/2011 05/27/2011	Pavel Kazi

Levee Mile Report Line	37
Start Levee Mile	4.51
End Levee Mile	4.51
Location	Land Side
Category	Earthen Levee
Item	Encroachments
<p>Tree branches were found on the toe of landside of the levee. The picture was taken from the crown looking downstream.</p>	
<p>pkazi_s_20110531_677.jpg</p>	



Levee Mile Report Line	39
Start Levee Mile	4.59
End Levee Mile	4.59
Location	Water Side
Category	Earthen Levee
Item	Trim / Thin Trees
<p>Thin/trim trees to allow for the top 20' waterward slope of levee to be seen at LM 4.59.</p>	
<p>pkazi_s_20110328_453.JPG</p>	



Levee Mile Report Line	40
Start Levee Mile	4.70
End Levee Mile	4.70
Location	Water Side
Category	Earthen Levee
Item	Slope Stability
<p>Slope instability on the shoulder of waterside slope of the levee. The picture was taken from the crown looking downstream.</p>	
<p>pkazi_s_20110531_674.jpg</p>	



<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. 0150 Merrit Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Elk Slough	Left	9.58	05/27/2011 05/27/2011	Pavel Kazi

Levee Mile Report Line	42
Start Levee Mile	4.98
End Levee Mile	4.98
Location	Land Side
Category	Earthen Levee
Item	Encroachments
Equipments on the landside toe of the levee. The picture was taken from crown looking downstream.	
pkazi_s_20110531_673.jpg	



Levee Mile Report Line	44
Start Levee Mile	4.99
End Levee Mile	4.99
Location	Land Side
Category	Earthen Levee
Item	Trim / Thin Trees
Trees were trimmed to see the visibility of the landward slope of the levee. The picture was taken from the crown looking downstream.	
pkazi_s_20110531_672.jpg	



Levee Mile Report Line	46
Start Levee Mile	5.22
End Levee Mile	5.22
Location	Crown
Category	Earthen Levee
Item	Crown Surface / Depressions / Rutting
View of varying elevations in the crown of the levee at the transition from county road to access road.	
pkazi_s_20110328_468.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. 0150 Merrit Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Elk Slough	Left	9.58	05/27/2011 05/27/2011	Pavel Kazi

Levee Mile Report Line	47
Start Levee Mile	5.80
End Levee Mile	5.80
Location	Water Side
Category	Earthen Levee
Item	Trim / Thin Trees
View of a tree stump on the waterward slope.	
pkazi_s_20110328_446.jpg	



Levee Mile Report Line	48
Start Levee Mile	5.89
End Levee Mile	5.94
Location	Land Side
Category	Earthen Levee
Item	Encroachments
View of fence around a horse pen along the shoulder of the levee and the landward slope.	
pkazi_s_20110328_454.jpg	



Levee Mile Report Line	49
Start Levee Mile	5.93
End Levee Mile	5.93
Location	Land Side
Category	Earthen Levee
Item	Encroachments
View of a tree trunk lying on the landward slope blocking visibility.	
pkazi_s_20110328_455.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. 0150 Merrit Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Elk Slough	Left	9.58	05/27/2011 05/27/2011	Pavel Kazi

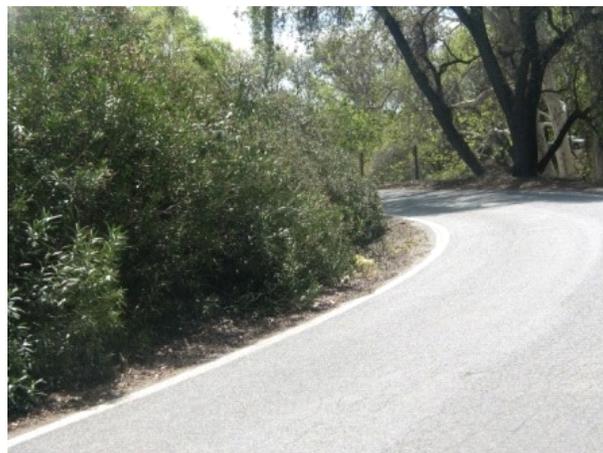
Levee Mile Report Line	50
Start Levee Mile	5.93
End Levee Mile	5.93
Location	Crown
Category	Earthen Levee
Item	Encroachments
Building & associated landscaping on levee crown at LM 5.93.	
pkazi_s_20110328_456.JPG	



Levee Mile Report Line	52
Start Levee Mile	6.06
End Levee Mile	6.06
Location	Water Side
Category	Earthen Levee
Item	Encroachments
View of an improperly abandoned pipe through the levee looking upstream.	
pkazi_s_20110328_447.jpg	



Levee Mile Report Line	54
Start Levee Mile	6.24
End Levee Mile	6.31
Location	Land Side
Category	Earthen Levee
Item	Encroachments
Oleander on landward slope blocking view of levee from LM 6.24 to 6.32	
pkazi_s_20110328_437.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. 0150 Merrit Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Elk Slough	Left	9.58	05/27/2011 05/27/2011	Pavel Kazi

Levee Mile Report Line	55
Start Levee Mile	6.34
End Levee Mile	6.34
Location	Water Side
Category	Earthen Levee
Item	Trim / Thin Trees
View of tree stumps on the waterward slope.	
pkazi_s_20110328_451.jpg	



Levee Mile Report Line	57
Start Levee Mile	6.37
End Levee Mile	6.40
Location	Land Side
Category	Earthen Levee
Item	Encroachments
Landscaping on landward slope blocking view from LM 6.37 to 6.40	
pkazi_s_20110328_438.jpg	



Levee Mile Report Line	58
Start Levee Mile	6.56
End Levee Mile	6.56
Location	Land Side
Category	Earthen Levee
Item	Encroachments
View of landscaping along the landward slope.	
pkazi_s_20110328_457.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. 0150 Merrit Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Elk Slough	Left	9.58	05/27/2011 05/27/2011	Pavel Kazi

Levee Mile Report Line	59
Start Levee Mile	6.63
End Levee Mile	6.63
Location	Land Side
Category	Earthen Levee
Item	Encroachments
Pruning on the landside toe of the levee. The picture was taken from the crown looking upstream.	
pkazi_s_20110531_671.jpg	



Levee Mile Report Line	60
Start Levee Mile	6.87
End Levee Mile	6.95
Location	Land Side
Category	Earthen Levee
Item	Encroachments
Landscaping on landward slope blocking view from LM 6.87 to 6.95	
pkazi_s_20110328_440.jpg	



Levee Mile Report Line	62
Start Levee Mile	7.02
End Levee Mile	7.02
Location	Water Side
Category	Earthen Levee
Item	Erosion / Bank Caving
View of erosion on the waterward shoulder looking upstream.	
pkazi_s_20110328_458.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. 0150 Merrit Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Elk Slough	Left	9.58	05/27/2011 05/27/2011	Pavel Kazi

Levee Mile Report Line	62
Start Levee Mile	7.02
End Levee Mile	7.02
Location	Water Side
Category	Earthen Levee
Item	Erosion / Bank Caving
Updated erosion site picture on the waterside slope of the levee looking upstream during Spring 2011 inspection.	
pkazi_s_20110531_670.jpg	



Levee Mile Report Line	65
Start Levee Mile	7.39
End Levee Mile	7.39
Location	Water Side
Category	Earthen Levee
Item	Encroachments
Landscaping on the waterside of the levee. The picture was taken from the crown looking upstream.	
pkazi_s_20110531_663.jpg	



Levee Mile Report Line	66
Start Levee Mile	7.42
End Levee Mile	7.47
Location	Land Side
Category	Earthen Levee
Item	Encroachments
Landscaping on landward slope blocking view from LM 7.42 to 7.47	
pkazi_s_20110328_441.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. 0150 Merrit Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Elk Slough	Left	9.58	05/27/2011 05/27/2011	Pavel Kazi

Levee Mile Report Line	67
Start Levee Mile	7.50
End Levee Mile	7.50
Location	Land Side
Category	Earthen Levee
Item	Trim / Thin Trees
View of a tree stump on the landward slope.	
pkazi_s_20110328_459.jpg	



Levee Mile Report Line	68
Start Levee Mile	7.55
End Levee Mile	7.55
Location	Land Side
Category	Earthen Levee
Item	Encroachments
Landscaping on landward slope blocking view from LM 7.52 to 7.58	
pkazi_s_20110328_442.jpg	



Levee Mile Report Line	70
Start Levee Mile	7.60
End Levee Mile	7.60
Location	Land Side
Category	Earthen Levee
Item	Encroachments
Pruning located on the toe of landward side of the levee. The picture was taken from the crown looking upstream.	
pkazi_s_20110531_664.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. 0150 Merrit Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Elk Slough	Left	9.58	05/27/2011 05/27/2011	Pavel Kazi

Levee Mile Report Line	72
Start Levee Mile	8.21
End Levee Mile	8.21
Location	Water Side
Category	Earthen Levee
Item	Erosion / Bank Caving
View of erosion occurring along the waterward slope.	
pkazi_s_20110328_469.jpg	



Levee Mile Report Line	73
Start Levee Mile	8.46
End Levee Mile	8.46
Location	Water Side
Category	Earthen Levee
Item	Erosion / Bank Caving
Repair erosion on waterward slope near shoulder at LM 8.46.	
pkazi_s_20110328_460.JPG	



Levee Mile Report Line	74
Start Levee Mile	8.48
End Levee Mile	8.48
Location	Water Side
Category	Earthen Levee
Item	Erosion / Bank Caving
Slope instability on the waterside slope of the levee. The picture was taken from the crown looking upstream.	
pkazi_s_20110531_665.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. 0150 Merrit Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Elk Slough	Left	9.58	05/27/2011 05/27/2011	Pavel Kazi

Levee Mile Report Line	76
Start Levee Mile	8.62
End Levee Mile	8.62
Location	Crown
Category	Earthen Levee
Item	Encroachments
<p>Tree limbs were found on the crown of the levee. The picture was taken from the crown looking upstream.</p>	
<p>pkazi_s_20110531_666.jpg</p>	



Levee Mile Report Line	77
Start Levee Mile	8.69
End Levee Mile	8.69
Location	Water Side
Category	Earthen Levee
Item	Erosion / Bank Caving
<p>Erosion was found on the waterside slope of the levee. The picture was taken from the crown looking downstream.</p>	
<p>pkazi_s_20110531_667.jpg</p>	



Levee Mile Report Line	78
Start Levee Mile	8.87
End Levee Mile	8.87
Location	Water Side
Category	Earthen Levee
Item	Encroachments
<p>Broken concrete pipe was left on the waterside slope of the levee. The picture was taken from the crown looking upstream.</p>	
<p>pkazi_s_20110531_668.jpg</p>	



<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. 0150 Merrit Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Elk Slough	Left	9.58	05/27/2011 05/27/2011	Pavel Kazi

Levee Mile Report Line	79
Start Levee Mile	9.10
End Levee Mile	9.10
Location	Water Side
Category	Earthen Levee
Item	Trim / Thin Trees
View of a tree stump on the waterward slope.	
pkazi_s_20110328_462.jpg	



Levee Mile Report Line	81
Start Levee Mile	9.35
End Levee Mile	9.35
Location	Water Side
Category	Earthen Levee
Item	Trim / Thin Trees
Trees needed to be trimmed for visibility of the waterside slope of the levee. The picture was taken from the crown looking towards the slough.	
pkazi_s_20110531_669.jpg	



Levee Mile Report Line	82
Start Levee Mile	9.51
End Levee Mile	9.51
Location	Water Side
Category	Earthen Levee
Item	Trim / Thin Trees
Thin/trim trees to allow for visibility of top 20' of waterward slope at LM 9.51.	
pkazi_s_20110328_461.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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