

**Flood Control Project Maintenance
Levee Inspections**

Fall 2009 Levee Maintenance Deficiency Summary Report

Overall LMA & Unit Ratings, including USACE Erosion Survey

Sacramento River Basin

RD0150		Overall LMA Rating	Total LMA Miles				
Reclamation District No. 0150 Merrit Island		M	18.07				
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	Encroachments		
					PO Miles	CO Miles	
Vegetation	0.19		0.19	1.05%			
Trim / Thin Trees	0.37		0.37	2.05%			
Encroachments	0.30		0.30	1.66%	1.25	0.29	
Animal Control	0.05		0.05	0.28%			
Slope Stability	0.08		0.08	0.44%			
Erosion / Bank Caving	0.14		0.14	0.78%			
Crown Surface / Depressions / Rutting	0.43		0.43	2.38%			
Metal Pipes	0.01		0.01	0.06%			
USACE Erosion Survey	0.03	0.09	0.39	2.16%			
<i>LMA Totals:</i>	1.60	0.09	1.96	10.85%	1.25	0.29	

Unit No. 01 Sutter Slough		Overall Unit Rating	Total Unit Miles				
		A	0.54				
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	Encroachments		
					PO Miles	CO Miles	
No Items							
<i>Unit Totals:</i>	0.00	0.00	0.00	0.00%	0.00	0.00	

Unit No. 02 Sacramento River		Overall Unit Rating	Total Unit Miles				
		M	7.95				
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	Encroachments		
					PO Miles	CO Miles	
Vegetation	0.14		0.14	1.76%			
Trim / Thin Trees	0.30		0.30	3.77%			
Encroachments	0.17		0.17	2.14%	0.52	0.28	
Slope Stability	0.04		0.04	0.50%			
Erosion / Bank Caving	0.06		0.06	0.76%			
Metal Pipes	0.01		0.01	0.13%			
USACE Erosion Survey	0.03	0.08	0.35	4.40%			
<i>Unit Totals:</i>	0.75	0.08	1.07	13.46%	0.52	0.28	

Unit No. 03 Elk Slough		Overall Unit Rating	Total Unit Miles	* Overall Unit Threshold Percent is less than 10.00%; however, U Rated Miles are present, so the Overall Unit Rating is M instead of A.			
		M *	9.58				
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	Encroachments		
					PO Miles	CO Miles	
Vegetation	0.05		0.05	0.52%			
Trim / Thin Trees	0.07		0.07	0.73%			
Encroachments	0.13		0.13	1.36%	0.73	0.01	
Animal Control	0.05		0.05	0.52%			
Slope Stability	0.04		0.04	0.42%			
Erosion / Bank Caving	0.08		0.08	0.84%			
Crown Surface / Depressions / Rutting	0.43		0.43	4.49%			
USACE Erosion Survey		0.01	0.04	0.42%			
<i>Unit Totals:</i>	0.85	0.01	0.89	9.29% *	0.73	0.01	

**Flood Control Project Maintenance
Levee Inspections
LMA District Cover Sheet
Fall 2009 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)			M	

** Non-receipt of Summer or Winter Inspection Reports may effect overall annual rating.

* **SPRING INSPECTIONS:** Overall maintenance ratings are not determined for the spring inspection results. Individual maintenance deficiencies are rated using the same criteria in the spring and in the fall.

FALL INSPECTIONS: The overall maintenance rating shown above is based on operation and maintenance deficiencies identified within the attached unit inspection reports.

Comments

**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Fall 2009 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)			A	
Date of Inspection	3/13/2009		10/28/2009	
DWR Inspector	David Pesavento		David Pesavento	
Accompanied By				

Check one:

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

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

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

Comments

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

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

X

Signature of LMA Representative

Date

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2009

Reclamation District No. 0150 Merrit Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sutter Slough	Left	0.54	11/04/2009 11/04/2009	David Pesavento

LMIR No	Levee Mile		Category	Item	Location *	Rating **	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
1	0.51	0.51	Earthen Levee	Vegetation	LS	A	Remove the wild growth other than native grasses from the levee slopes. Inspector Comments: Example of good tree and vegetation maintenance along the landward side of this unit.	38.328227 ° -121.576562 °	38.328227 ° -121.576562 °	1 Y
2	0.51	0.51	Earthen Levee	Vegetation	WS	A	Remove the wild growth other than native grasses from the levee slopes. Inspector Comments: Example of good vegetation maintenance along the waterward portion of this unit.	38.328228 ° -121.576567 °	38.328228 ° -121.576567 °	2 Y

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

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2009

Reclamation District No. 0150 Merrit Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sutter Slough	Left	0.54	11/04/2009 11/04/2009	David Pesavento

Levee Mile Report Line	1
Start Levee Mile	0.51
End Levee Mile	0.51
Location	Land Side
Category	Earthen Levee
Item	Vegetation
View of landward slope showing good vegetation maintenance typical along this unit.	
dpesaven_20091104_390.jpg	



Levee Mile Report Line	2
Start Levee Mile	0.51
End Levee Mile	0.51
Location	Water Side
Category	Earthen Levee
Item	Vegetation
View of the waterward slope showing example of good vegetation maintenance typical of this unit.	
dpesaven_20091104_391.jpg	



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

**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Fall 2009 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)			M	
Date of Inspection	3/13/2009		10/28/2009	
DWR Inspector	David Pesavento		David Pesavento	
Accompanied By			Tony Schwall RD 0900	

Check one:

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

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

Comments

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

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

X

Signature of LMA Representative

Date

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2009

Reclamation District No. 0150 Merrit Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Right	7.95	11/05/2009 11/06/2009	David Pesavento

LMIR No	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
1	0.06	0.06	Earthen Levee	Erosion / Bank Caving	LS	M	Schedule repair of erosion site prior to the next inspection.	38.328907 ° -121.575574 °	38.328907 ° -121.575574 °	95 Y
2	0.16	0.16	Earthen Levee	Encroachments	WS	PO	Buildings	38.330047 ° -121.574538 °	38.330047 ° -121.574538 °	49 Y
3	0.17	0.21	Earthen Levee	Encroachments	LS	PO	Landscaping	38.330173 ° -121.574490 °	38.330576 ° -121.574093 °	990
4	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
5	0.25	0.25	Earthen Levee	Encroachments	LS	CO	Landscaping	38.331035 ° -121.573502 °	38.331035 ° -121.573502 °	4 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	0.46	0.46	Earthen Levee	Encroachments	LS	M	Prunings	38.333490 ° -121.571406 °	38.333490 ° -121.571406 °	989
8	0.53	0.53	Earthen Levee	Vegetation	LS	M	Remove the wild growth other than native grasses from the levee slopes.	38.334189 ° -121.570584 °	38.334189 ° -121.570584 °	988
9	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
10	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
11	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
12	1.09	1.12	Earthen Levee	Trim / Thin Trees	LS	C	Trim trees to at least five feet above ground level.	38.340042 ° -121.563693 °	38.340397 ° -121.563375 °	7
13	1.25	1.28	Supplemental	USACE Erosion Survey	LS	M	Inspector Comments: none	38.342078 ° -121.561436 °	38.341617 ° -121.561686 °	946
14	1.28	1.28	Earthen Levee	Encroachments	LS	PO	Landscaping	38.342229 ° -121.561694 °	38.342229 ° -121.561694 °	92
15	1.34	1.37	Earthen Levee	Encroachments	LS	PO	Landscaping	38.342969 ° -121.561196 °	38.343252 ° -121.560794 °	91
16	1.43	1.43	Supplemental	USACE Erosion Survey	LS	U	Inspector Comments: slumping, caves	38.343536 ° -121.559636 °	38.343536 ° -121.559636 °	947
17	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
18	1.76	1.76	Earthen Levee	Encroachments	LS	PO	Landscaping	38.345675 ° -121.554407 °	38.345675 ° -121.554407 °	89

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

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2009

Reclamation District No. 0150 Merrit Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Right	7.95	11/05/2009 11/06/2009	David Pesavento

LMR No	Levee Mile		Category	Item	Location *	Rating **	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
19	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
20	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
21	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
22	2.31	2.33	Earthen Levee	Encroachments	LS	PO	Landscaping	38.347355 ° -121.544628 °	38.347361 ° -121.544280 °	88
23	2.35	2.35	Earthen Levee	Encroachments	LS	M	Debris	38.347169 ° -121.544008 °	38.347169 ° -121.544008 °	87
24	2.40	2.40	Earthen Levee	Vegetation	LS	M	Remove the wild growth other than native grasses from the levee slopes.	38.347511 ° -121.543073 °	38.347511 ° -121.543073 °	984
25	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
26	2.48	2.49	Earthen Levee	Encroachments	LS	PO	Landscaping	38.347720 ° -121.541737 °	38.347800 ° -121.541435 °	983
27	2.51	2.52	Earthen Levee	Vegetation	LS	M	Remove the wild growth other than native grasses from the levee slopes.	38.347845 ° -121.541231 °	38.347891 ° -121.541046 °	13
28	2.79	2.79	Earthen Levee	Vegetation	LS	C	Remove the wild growth other than native grasses from the levee slopes.	38.349941 ° -121.537000 °	38.349941 ° -121.537000 °	86
29	2.80	2.80	Earthen Levee	Slope Stability	WS	C	Repair the levee slope damaged by foot traffic and prevent access where possible.	38.349965 ° -121.536820 °	38.349965 ° -121.536820 °	53
30	2.84	2.84	Earthen Levee	Encroachments	LS	M	Tree or limb	38.350375 ° -121.536152 °	38.350375 ° -121.536152 °	15 Y
31	3.02	3.06	Earthen Levee	Encroachments	LS	CO	Landscaping	38.352372 ° -121.534127 °	38.352802 ° -121.533638 °	85 Y
32	3.15	3.15	Earthen Levee	Trim / Thin Trees	LS	C	Thin trees to allow visibility of the ground and room to flood fight.	38.353817 ° -121.532673 °	38.353817 ° -121.532673 °	951
33	3.15	3.15	Earthen Levee	Encroachments	LS	M	Prunings	38.353811 ° -121.532608 °	38.353811 ° -121.532608 °	982
34	3.25	3.25	Earthen Levee	Vegetation	LS	C	Elderberries are blocking visibility and flood fight capability.	38.354876 ° -121.531531 °	38.354876 ° -121.531531 °	84
35	3.26	3.26	Earthen Levee	Encroachments	LS	M	Debris	38.355036 ° -121.531324 °	38.355036 ° -121.531324 °	981 Y

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

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2009

Reclamation District No. 0150 Merrit Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Right	7.95	11/05/2009 11/06/2009	David Pesavento

LMIR No.	Levee Mile		Category	Item	Location *	Rating **	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
36	3.28	3.28	Earthen Levee	Encroachments	LS	M	Prunings	38.355306 ° -121.531008 °	38.355306 ° -121.531008 °	980
37	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
38	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
39	3.38	3.38	Earthen Levee	Encroachments	LS	M	Prunings	38.356274 ° -121.529959 °	38.356274 ° -121.529959 °	979
40	3.48	3.51	Earthen Levee	Trim / Thin Trees	LS	M	Trim and thin trees to allow visibility of the ground and room to flood fight.	38.357320 ° -121.528647 °	38.357660 ° -121.528272 °	19
41	3.53	3.56	Earthen Levee	Vegetation	LS	C	Remove the wild growth other than native grasses from the levee slopes.	38.357869 ° -121.528011 °	38.358158 ° -121.527642 °	83
42	3.57	3.57	Earthen Levee	Encroachments	LS	M	Prunings	38.358324 ° -121.527430 °	38.358324 ° -121.527430 °	978 Y
43	3.60	3.73	Earthen Levee	Encroachments	LS	CO	Landscaping	38.358565 ° -121.527153 °	38.359729 ° -121.525345 °	82
44	3.75	3.75	Earthen Levee	Vegetation	LS	M	Remove the wild growth other than native grasses from the levee slopes.	38.359830 ° -121.525167 °	38.359830 ° -121.525167 °	81
45	3.76	3.76	Earthen Levee	Encroachments	WS	M	Debris Inspector Comments: Sitting area dug into the waterward slope.	38.359941 ° -121.524809 °	38.359941 ° -121.524809 °	962 Y
46	3.90	3.93	Earthen Levee	Encroachments	LS	PO	Landscaping	38.361419 ° -121.523225 °	38.361752 ° -121.522974 °	80 Y
47	4.18	4.18	Earthen Levee	Encroachments	LS	PO	Landscaping	38.365286 ° -121.522276 °	38.365286 ° -121.522276 °	953
48	4.33	4.35	Earthen Levee	Encroachments	LS	CO	Landscaping	38.367442 ° -121.522427 °	38.367740 ° -121.522495 °	24 Y
49	4.37	4.41	Earthen Levee	Encroachments	LS	CO	Landscaping	38.368036 ° -121.522611 °	38.368540 ° -121.522729 °	79
50	4.46	4.46	Earthen Levee	Vegetation	LS	C	Remove the wild growth other than native grasses from the levee slopes.	38.369218 ° -121.522954 °	38.369218 ° -121.522954 °	954
51	4.51	4.51	Earthen Levee	Trim / Thin Trees	LS	C	Thin trees to allow visibility of the ground and room to flood fight.	38.369948 ° -121.523098 °	38.369948 ° -121.523098 °	955

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

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2009

Reclamation District No. 0150 Merrit Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Right	7.95	11/05/2009 11/06/2009	David Pesavento

LMIR No	Levee Mile		Category	Item	Location *	Rating **	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
52	4.55	4.57	Earthen Levee	Vegetation	LS	M	Remove the wild growth other than native grasses from the levee slopes.	38.370531 ° -121.523223 °	38.370762 ° -121.523293 °	78 Y
53	4.57	4.64	Supplemental	USACE Erosion Survey	LS	U	Inspector Comments: slumping, tree hazards, animal burrows (DJP: Should this be waterward side?)	38.371910 ° -121.523174 °	38.370934 ° -121.522968 °	948
54	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
55	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
56	4.77	4.81	Earthen Levee	Trim / Thin Trees	LS	C	Trim and thin trees to allow visibility of the ground and room to flood fight.	38.373549 ° -121.524208 °	38.374121 ° -121.524458 °	77
57	4.78	4.79	Earthen Levee	Encroachments	LS	PO	Landscaping	38.373688 ° -121.524280 °	38.373970 ° -121.524403 °	76
58	4.94	4.94	Interior Drainage & Piping Systems	Metal Pipes	WS	M	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
59	4.98	4.98	Earthen Levee	Trim / Thin Trees	LS	C	Thin trees to allow visibility of the ground and room to flood fight.	38.376274 ° -121.525468 °	38.376274 ° -121.525468 °	957
60	5.03	5.03	Earthen Levee	Erosion / Bank Caving	WS	M	Schedule repair of erosion site prior to the next inspection.	38.377077 ° -121.525508 °	38.377077 ° -121.525508 °	963 Y
61	5.08	5.08	Earthen Levee	Erosion / Bank Caving	WS	M	Schedule repair of erosion site prior to the next inspection.	38.377796 ° -121.525515 °	38.377796 ° -121.525515 °	964 Y
62	5.15	5.18	Earthen Levee	Trim / Thin Trees	LS	M	Trim trees to at least five feet above ground level.	38.378715 ° -121.525458 °	38.379241 ° -121.525240 °	30
63	5.19	5.23	Earthen Levee	Encroachments	LS	PO	Landscaping	38.379286 ° -121.525256 °	38.379861 ° -121.525020 °	75 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 a 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	5.47	5.49	Earthen Levee	Encroachments	LS	PO	Landscaping	38.382675 ° -121.522367 °	38.382793 ° -121.522164 °	74
67	5.56	5.56	Earthen Levee	Trim / Thin Trees	LS	M	Thin trees to allow visibility of the ground and room to flood fight.	38.383402 ° -121.521150 °	38.383402 ° -121.521150 °	73

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

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2009

Reclamation District No. 0150 Merrit Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Right	7.95	11/05/2009 11/06/2009	David Pesavento

LMIR No	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
68	5.80	5.80	Earthen Levee	Encroachments	WS	M	Debris Inspector Comments: Tires on the waterward slope.	38.385595 ° -121.517616 °	38.385595 ° -121.517616 °	965 Y
69	6.08	6.08	Earthen Levee	Encroachments	LS	M	Prunings	38.388950 ° -121.515563 °	38.388950 ° -121.515563 °	974
70	6.15	6.15	Earthen Levee	Vegetation	LS	M	Remove the wild growth other than native grasses from the levee slopes.	38.389944 ° -121.515251 °	38.389944 ° -121.515251 °	973
71	6.18	6.18	Earthen Levee	Encroachments	LS	M	Debris Inspector Comments: Tires and other garbage on landward slope.	38.390352 ° -121.515125 °	38.390352 ° -121.515125 °	972
72	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
73	6.28	6.28	Earthen Levee	Encroachments	LS	M	Debris Inspector Comments: Tires on landside slope	38.391838 ° -121.514887 °	38.391838 ° -121.514887 °	70 Y
74	6.38	6.38	Earthen Levee	Trim / Thin Trees	LS	C	Thin trees to allow visibility of the ground and room to flood fight.	38.393263 ° -121.514710 °	38.393263 ° -121.514710 °	69
75	6.43	6.43	Earthen Levee	Encroachments	LS	PO	Landscaping	38.393867 ° -121.514615 °	38.393867 ° -121.514615 °	68
76	6.44	6.44	Earthen Levee	Trim / Thin Trees	LS	M	Thin trees to allow visibility of the ground and room to flood fight.	38.394057 ° -121.514602 °	38.394057 ° -121.514602 °	67
77	6.45	6.48	Earthen Levee	Vegetation	LS	M	Remove the wild growth other than native grasses from the levee slopes.	38.394199 ° -121.514594 °	38.394615 ° -121.514586 °	66
78	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
79	6.50	6.57	Earthen Levee	Encroachments	LS	PO	Landscaping	38.394935 ° -121.514597 °	38.395931 ° -121.514604 °	65 Y
80	6.50	6.50	Earthen Levee	Encroachments	WS	M	Debris Inspector Comments: Discarded metal steps on the waterward slope.	38.395069 ° -121.514523 °	38.395069 ° -121.514523 °	966
81	6.54	6.54	Earthen Levee	Encroachments	WS	PO	Landscaping	38.395449 ° -121.514508 °	38.395456 ° -121.514509 °	958
82	6.68	6.72	Earthen Levee	Encroachments	LS	CO	Landscaping	38.397472 ° -121.514677 °	38.398065 ° -121.514738 °	64 Y
83	6.75	6.75	Earthen Levee	Trim / Thin Trees	WS	M	Trim trees to at least five feet above ground level.	38.398540 ° -121.514697 °	38.398540 ° -121.514697 °	40 Y
84	6.76	6.79	Earthen Levee	Encroachments	LS	PO	Landscaping	38.398619 ° -121.514819 °	38.399044 ° -121.514855 °	63

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

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2009

Reclamation District No. 0150 Merrit Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Right	7.95	11/05/2009 11/06/2009	David Pesavento

LMIR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
85	6.80	6.80	Earthen Levee	Vegetation	LS	M	Remove the wild growth other than native grasses from the levee slopes.	38.399148 ° -121.514860 °	38.399148 ° -121.514860 °	62
86	6.83	6.83	Earthen Levee	Erosion / Bank Caving	WS	M	Schedule repair of erosion site prior to the next inspection.	38.399659 ° -121.514877 °	38.399659 ° -121.514877 °	967 Y
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	6.91	6.91	Earthen Levee	Trim / Thin Trees	WS	C	Thin trees to allow visibility of the ground and room to flood fight.	38.400761 ° -121.515047 °	38.400761 ° -121.515047 °	959
89	6.93	7.05	Earthen Levee	Encroachments	LS	PO	Landscaping	38.400936 ° -121.515173 °	38.402613 ° -121.515863 °	60 Y
90	7.07	7.12	Earthen Levee	Vegetation	LS	C	Remove the wild growth other than native grasses from the levee slopes.	38.402871 ° -121.515968 °	38.403521 ° -121.516250 °	59
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	M	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	7.30	7.30	Earthen Levee	Erosion / Bank Caving	WS	M	Schedule repair of erosion site prior to the next inspection.	38.405918 ° -121.517348 °	38.405918 ° -121.517348 °	969 Y
96	7.32	7.32	Earthen Levee	Encroachments	LS	M	Debris	38.406221 ° -121.517613 °	38.406221 ° -121.517613 °	57 Y
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	7.84	7.84	Earthen Levee	Encroachments	LS	PO	Landscaping	38.412730 ° -121.521954 °	38.412730 ° -121.521954 °	971 Y
100	7.92	7.92	Earthen Levee	Encroachments	LS	PO	Landscaping	38.413705 ° -121.522806 °	38.413705 ° -121.522806 °	56 Y

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

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2009

Reclamation District No. 0150 Merrit Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Right	7.95	11/05/2009 11/06/2009	David Pesavento

Levee Mile Report Line	1
Start Levee Mile	0.06
End Levee Mile	0.06
Location	Land Side
Category	Earthen Levee
Item	Erosion / Bank Caving
Repair errosion/slumping on landside slope of levee at LM 0.06	
dpesaven_20091028_250.JPG	



Levee Mile Report Line	1
Start Levee Mile	0.06
End Levee Mile	0.06
Location	Land Side
Category	Earthen Levee
Item	Erosion / Bank Caving
Updated view of erosion occurring on the landward slope looking downstream. The erosion appears to be getting larger.	
dpesaven_20091110_427.jpg	



Levee Mile Report Line	2
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	
dpesaven_20091028_235.JPG	



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

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2009

Reclamation District No. 0150 Merrit Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Right	7.95	11/05/2009 11/06/2009	David Pesavento

Levee Mile Report Line	4
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	
dpesaven_20091028_236.JPG	



Levee Mile Report Line	5
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.	
dpesaven_20091028_228.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	
dpesaven_20091028_249.JPG	



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

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2009

Reclamation District No. 0150 Merrit Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Right	7.95	11/05/2009 11/06/2009	David Pesavento

Levee Mile Report Line	9
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	
dpesaven_20091028_237.JPG	



Levee Mile Report Line	25
Start Levee Mile	2.46
End Levee Mile	2.46
Location	Water Side
Category	Earthen Levee
Item	Encroachments
View of debris located on the waterward slope looking upstream.	
dpesaven_20091110_409.jpg	



Levee Mile Report Line	30
Start Levee Mile	2.84
End Levee Mile	2.84
Location	Land Side
Category	Earthen Levee
Item	Encroachments
Down tree limbs on landward slope at LM 2.84	
dpesaven_20091028_229.jpg	



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

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2009

Reclamation District No. 0150 Merrit Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Right	7.95	11/05/2009 11/06/2009	David Pesavento

Levee Mile Report Line	31
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	
dpesaven_20091028_248.JPG	



Levee Mile Report Line	35
Start Levee Mile	3.26
End Levee Mile	3.26
Location	Land Side
Category	Earthen Levee
Item	Encroachments
View of debris, including a refrigerator, on the landward slope looking downstream.	
dpesaven_20091110_426.jpg	



Levee Mile Report Line	37
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.	
dpesaven_20091110_410.jpg	



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

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2009

Reclamation District No. 0150 Merrit Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Right	7.95	11/05/2009 11/06/2009	David Pesavento

Levee Mile Report Line	37
Start Levee Mile	3.29
End Levee Mile	3.29
Location	Water Side
Category	Earthen Levee
Item	Erosion / Bank Caving
<p>Additional view of erosion on the waterward slope looking upstream. Note the damaged pump support, pump, and pipe just upstream of the site.</p>	
<p>dpesaven_20091110_411.jpg</p>	



Levee Mile Report Line	42
Start Levee Mile	3.57
End Levee Mile	3.57
Location	Land Side
Category	Earthen Levee
Item	Encroachments
<p>View of dead branches and plant material on the landward slope blocking visibility and access.</p>	
<p>dpesaven_20091110_425.jpg</p>	



Levee Mile Report Line	45
Start Levee Mile	3.76
End Levee Mile	3.76
Location	Water Side
Category	Earthen Levee
Item	Encroachments
<p>View of debris along the waterward slope.</p>	
<p>dpesaven_20091110_412.jpg</p>	



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

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2009

Reclamation District No. 0150 Merrit Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Right	7.95	11/05/2009 11/06/2009	David Pesavento

Levee Mile Report Line	46
Start Levee Mile	3.90
End Levee Mile	3.93
Location	Land Side
Category	Earthen Levee
Item	Encroachments
<p>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.</p>	
<p>dpesaven_20091028_246.JPG</p>	



Levee Mile Report Line	48
Start Levee Mile	4.33
End Levee Mile	4.35
Location	Land Side
Category	Earthen Levee
Item	Encroachments
<p>Landscaping (Oleander) on landward slope from 4.33 to 4.35</p>	
<p>dpesaven_20091028_230.jpg</p>	



Levee Mile Report Line	52
Start Levee Mile	4.55
End Levee Mile	4.57
Location	Land Side
Category	Earthen Levee
Item	Vegetation
<p>Remove/mow vegetation on landside of levee to allow for visibility from LM 4.55 to LM 4.57</p>	
<p>dpesaven_20091028_245.JPG</p>	



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

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2009

Reclamation District No. 0150 Merrit Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Right	7.95	11/05/2009 11/06/2009	David Pesavento

Levee Mile Report Line	54
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.	
dpesaven_20091110_424.jpg	



Levee Mile Report Line	55
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	
dpesaven_20091028_231.jpg	



Levee Mile Report Line	60
Start Levee Mile	5.03
End Levee Mile	5.03
Location	Water Side
Category	Earthen Levee
Item	Erosion / Bank Caving
View of erosion occurring along the waterward slope behind trees looking upstream.	
dpesaven_20091110_413.jpg	



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

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2009

Reclamation District No. 0150 Merrit Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Right	7.95	11/05/2009 11/06/2009	David Pesavento

Levee Mile Report Line	61
Start Levee Mile	5.08
End Levee Mile	5.08
Location	Water Side
Category	Earthen Levee
Item	Erosion / Bank Caving
View of erosion occurring along the waterward slope behind some trees looking upstream.	
dpesaven_20091110_414.jpg	



Levee Mile Report Line	63
Start Levee Mile	5.19
End Levee Mile	5.23
Location	Land Side
Category	Earthen Levee
Item	Encroachments
View of landscaping along the landward shoulder and slope looking downstream.	
dpesaven_20091110_423.jpg	



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.	
dpesaven_20091110_422.jpg	



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

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2009

Reclamation District No. 0150 Merrit Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Right	7.95	11/05/2009 11/06/2009	David Pesavento

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.	
dpesaven_20091110_421.jpg	



Levee Mile Report Line	68
Start Levee Mile	5.80
End Levee Mile	5.80
Location	Water Side
Category	Earthen Levee
Item	Encroachments
View of several tires along the waterward slope.	
dpesaven_20091110_415.jpg	



Levee Mile Report Line	73
Start Levee Mile	6.28
End Levee Mile	6.28
Location	Land Side
Category	Earthen Levee
Item	Encroachments
Remove tires from landside of levee at LM 6.28	
dpesaven_20091028_244.JPG	



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

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2009

Reclamation District No. 0150 Merrit Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Right	7.95	11/05/2009 11/06/2009	David Pesavento

Levee Mile Report Line	79
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.	
dpesaven_20091110_420.jpg	



Levee Mile Report Line	82
Start Levee Mile	6.68
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	
dpesaven_20091028_243.JPG	



Levee Mile Report Line	83
Start Levee Mile	6.75
End Levee Mile	6.75
Location	Water Side
Category	Earthen Levee
Item	Trim / Thin Trees
Trim/thin trees and brush on waterside of levee within 20' of shoulder to allow visibility at LM 6.75	
dpesaven_20091028_232.JPG	



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

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2009

Reclamation District No. 0150 Merrit Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Right	7.95	11/05/2009 11/06/2009	David Pesavento

Levee Mile Report Line	86
Start Levee Mile	6.83
End Levee Mile	6.83
Location	Water Side
Category	Earthen Levee
Item	Erosion / Bank Caving
View of erosion occurring just upstream of a concrete stair on the waterward slope of the levee. The erosion is starting to undermine the stairs.	
dpesaven_20091110_416.jpg	



Levee Mile Report Line	89
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	
dpesaven_20091028_242.JPG	



Levee Mile Report Line	91
Start Levee Mile	7.12
End Levee Mile	7.12
Location	Land Side
Category	Earthen Levee
Item	Encroachments
Landscaping providing a screen for a residence on landside of levee at LM 7.12	
dpesaven_20091028_240.JPG	



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

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2009

Reclamation District No. 0150 Merrit Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Right	7.95	11/05/2009 11/06/2009	David Pesavento

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
Trim or remove brush to allow for visibility on landside of levee at LM 7.25	
dpesaven_20091028_233.JPG	



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.	
dpesaven_20091110_417.jpg	



Levee Mile Report Line	95
Start Levee Mile	7.30
End Levee Mile	7.30
Location	Water Side
Category	Earthen Levee
Item	Erosion / Bank Caving
View of erosion occurring along the waterward slope along a tree.	
dpesaven_20091110_418.jpg	



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

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2009

Reclamation District No. 0150 Merrit Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Right	7.95	11/05/2009 11/06/2009	David Pesavento

Levee Mile Report Line	96
Start Levee Mile	7.32
End Levee Mile	7.32
Location	Land Side
Category	Earthen Levee
Item	Encroachments
Remove pipes piled on landside of levee to at least 10' from levee toe at LM 7.32	
dpesaven_20091028_239.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	
dpesaven_20091028_234.JPG	



Levee Mile Report Line	99
Start Levee Mile	7.84
End Levee Mile	7.84
Location	Land Side
Category	Earthen Levee
Item	Encroachments
View of landowner planted and maintained landscaping along the landward slope looking downstream.	
dpesaven_20091110_419.jpg	



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

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2009

Reclamation District No. 0150 Merrit Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Right	7.95	11/05/2009 11/06/2009	David Pesavento

Levee Mile Report Line	100
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	
dpesaven_20091028_238.JPG	



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

**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Fall 2009 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)			M	
Date of Inspection	3/13/2009		10/28/2009	
DWR Inspector	David Pesavento		David Pesavento	
Accompanied By				

Check one:

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

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

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

Comments

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

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

X

Signature of LMA Representative

Date

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2009

Reclamation District No. 0150 Merrit Island

Waterway				Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Elk Slough				Left	9.58	11/04/2009 11/05/2009	David Pesavento

LMR No	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
1	0.03	0.33	Earthen Levee	Vegetation	LS	C	Remove the wild growth other than native grasses from the levee slopes.	38.333111 ° -121.583532 °	38.337127 ° -121.581823 °	918
2	0.09	0.09	Earthen Levee	Crown Surface / Depressions / Rutting	CR	M	Regrade the crown roadway for proper drainage.	38.333924 ° -121.583471 °	38.333924 ° -121.583471 °	919 Y
3	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
4	0.21	0.21	Supplemental	USACE Erosion Survey	LS	U	Inspector Comments: tree hazards, slumping	38.335655 ° -121.583258 °	38.335655 ° -121.583258 °	915
5	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
6	0.43	0.43	Earthen Levee	Crown Surface / Depressions / Rutting	CR	M	Regrade the crown roadway for proper drainage.	38.338404 ° -121.581392 °	38.338404 ° -121.581392 °	920
7	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
8	0.68	0.77	Earthen Levee	Crown Surface / Depressions / Rutting	CR	A	Add appropriate gravel or road base. Grade and compact.	38.341853 ° -121.580410 °	38.343123 ° -121.580351 °	921 Y
9	0.78	0.97	Earthen Levee	Crown Surface / Depressions / Rutting	CR	M	Regrade the crown roadway for proper drainage. Inspector Comments: Rutting on surface of crown.	38.343322 ° -121.580462 °	38.345884 ° -121.579428 °	922
10	1.19	1.38	Earthen Levee	Crown Surface / Depressions / Rutting	CR	M	Regrade the crown roadway for proper drainage. Inspector Comments: Rutting in surface of crown	38.347545 ° -121.576576 °	38.347517 ° -121.573188 °	923
11	1.22	1.22	Earthen Levee	Crown Surface / Depressions / Rutting	CR	M	Regrade the crown roadway for proper drainage.	38.347613 ° -121.576182 °	38.347613 ° -121.576182 °	9 Y
12	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
13	1.66	1.66	Earthen Levee	Animal Control	LS	C	No rodents visible, but rodent burrows visible; need to backfill and compact or grout borrows.	38.351019 ° -121.572965 °	38.351019 ° -121.572965 °	43
14	2.03	2.06	Earthen Levee	Animal Control	LS	M	No rodents visible, but rodent burrows visible; need to backfill and compact or grout borrows.	38.354792 ° -121.569990 °	38.354689 ° -121.569417 °	44 Y
15	2.84	2.84	Earthen Levee	Encroachments	WS	C	Tree or limb Inspector Comments: Remove fallen tree from top 20' of waterside slope.	38.360210 ° -121.561546 °	38.360210 ° -121.561546 °	924

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

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2009

Reclamation District No. 0150 Merrit Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Elk Slough	Left	9.58	11/04/2009 11/05/2009	David Pesavento

LMR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
16	3.27	3.27	Earthen Levee	Encroachments	LS	M	Material Inspector Comments: Material (soil amendment?) placed at the landward toe of the levee.	38.363300 ° -121.558587 °	38.363300 ° -121.558587 °	938 Y
17	3.43	3.48	Earthen Levee	Erosion / Bank Caving	WS	M	Note and monitor erosion site.	38.363223 ° -121.555962 °	38.363953 ° -121.555382 °	14 Y
18	3.50	3.54	Earthen Levee	Encroachments	LS	PO	Landscaping	38.364251 ° -121.555321 °	38.364772 ° -121.555343 °	47 Y
19	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
20	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
21	3.95	3.95	Earthen Levee	Encroachments	LS	M	Debris	38.368118 ° -121.551509 °	38.368118 ° -121.551509 °	48 Y
22	4.38	4.38	Earthen Levee	Animal Control	LS	M	No rodents visible, but rodent burrows visible; need to backfill and compact or grout borrows.	38.373649 ° -121.550542 °	38.373649 ° -121.550542 °	50
23	4.46	4.46	Earthen Levee	Encroachments	LS	M	Prunings	38.374269 ° -121.549385 °	38.374269 ° -121.549385 °	51 Y
24	4.51	4.54	Earthen Levee	Vegetation	LS	M	Remove the wild growth other than native grasses from the levee slopes.	38.374274 ° -121.548536 °	38.374304 ° -121.547947 °	939 Y
25	4.51	4.51	Earthen Levee	Encroachments	LS	M	Debris	38.374267 ° -121.548441 °	38.374267 ° -121.548441 °	52
26	4.55	4.58	Earthen Levee	Encroachments	LS	PO	Landscaping Inspector Comments: Some has been removed, but more remains toward the landward slope.	38.374311 ° -121.547802 °	38.374368 ° -121.547263 °	16 Y
27	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
28	4.98	4.98	Earthen Levee	Encroachments	LS	M	Tree or limb	38.377601 ° -121.541549 °	38.377601 ° -121.541549 °	54
29	4.99	4.99	Earthen Levee	Trim / Thin Trees	LS	M	Thin trees to allow visibility of the ground and room to flood fight.	38.377737 ° -121.541384 °	38.377737 ° -121.541384 °	940 Y
30	5.03	5.07	Earthen Levee	Encroachments	LS	PO	Landscaping	38.378203 ° -121.541048 °	38.378651 ° -121.540608 °	55
31	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

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

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2009

Reclamation District No. 0150 Merrit Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Elk Slough	Left	9.58	11/04/2009 11/05/2009	David Pesavento

LMIR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
32	5.48	5.48	Earthen Levee	Animal Control	LS	C	No rodents visible, but rodent burrows visible; need to backfill and compact or grout borrows.	38.382109 ° -121.544321 °	38.382109 ° -121.544321 °	929
33	5.61	5.61	Earthen Levee	Encroachments	LS	M	Prunings Inspector Comments: Burn pile with unburned material on the landward slope and toe.	38.383329 ° -121.545809 °	38.383329 ° -121.545809 °	942 Y
34	5.78	5.78	Earthen Levee	Animal Control	LS	C	No rodents visible, but rodent burrows visible; need to backfill and compact or grout borrows.	38.383990 ° -121.542977 °	38.383990 ° -121.542977 °	930
35	5.89	5.94	Earthen Levee	Encroachments	LS	PO	Fences	38.384363 ° -121.541161 °	38.384796 ° -121.540525 °	56 Y
36	5.93	5.93	Earthen Levee	Encroachments	LS	M	Tree or limb	38.384648 ° -121.540669 °	38.384648 ° -121.540669 °	57 Y
37	5.93	5.93	Earthen Levee	Encroachments	CR	CO	Buildings	38.384803 ° -121.540545 °	38.384803 ° -121.540545 °	58 Y
38	5.94	5.94	Earthen Levee	Vegetation	WS	M	Remove the wild growth other than native grasses from the levee slopes.	38.384807 ° -121.540556 °	38.384807 ° -121.540556 °	943 Y
39	6.01	6.09	Earthen Levee	Encroachments	LS	PO	Landscaping	38.385752 ° -121.539905 °	38.386703 ° -121.540042 °	21
40	6.10	6.10	Earthen Levee	Encroachments	WS	C	Tree or limb Inspector Comments: Remove fallen tree from top 20' of waterside slope.	38.387027 ° -121.539968 °	38.387027 ° -121.539968 °	931
41	6.14	6.14	Earthen Levee	Encroachments	LS	PO	Landscaping	38.387348 ° -121.540577 °	38.387348 ° -121.540577 °	23
42	6.16	6.16	Earthen Levee	Encroachments	WS	M	Material Inspector Comments: Pile of grass clippings and leaves on waterward slope.	38.387552 ° -121.540848 °	38.387552 ° -121.540848 °	944 Y
43	6.24	6.31	Earthen Levee	Encroachments	LS	PO	Landscaping	38.388535 ° -121.541657 °	38.389391 ° -121.541901 °	24 Y
44	6.35	6.36	Earthen Levee	Encroachments	LS	PO	Landscaping	38.389700 ° -121.541462 °	38.389808 ° -121.541285 °	25
45	6.37	6.40	Earthen Levee	Encroachments	LS	PO	Landscaping	38.389858 ° -121.541155 °	38.390115 ° -121.540657 °	26 Y
46	6.44	6.44	Earthen Levee	Trim / Thin Trees	WS	C	Trim and thin trees to allow visibility of the ground and room to flood fight.	38.390492 ° -121.540111 °	38.390492 ° -121.540111 °	59
47	6.56	6.56	Earthen Levee	Encroachments	LS	PO	Landscaping	38.391616 ° -121.538378 °	38.391616 ° -121.538378 °	60 Y
48	6.65	6.65	Earthen Levee	Encroachments	LS	M	Prunings	38.392858 ° -121.538085 °	38.392858 ° -121.538085 °	28 Y

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

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2009

Reclamation District No. 0150 Merrit Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Elk Slough	Left	9.58	11/04/2009 11/05/2009	David Pesavento

LMIR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
49	6.86	6.86	Earthen Levee	Encroachments	LS	C	Equipment Inspector Comments: Trailer on ramp of landward slope	38.395633 ° -121.538018 °	38.395633 ° -121.538018 °	932
50	6.87	6.95	Earthen Levee	Encroachments	LS	PO	Landscaping	38.395670 ° -121.537925 °	38.396027 ° -121.536575 °	30 Y
51	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
52	7.06	7.09	Earthen Levee	Encroachments	LS	PO	Landscaping	38.397021 ° -121.535151 °	38.397540 ° -121.535183 °	31
53	7.32	7.32	Earthen Levee	Encroachments	LS	C	Prunings	38.400643 ° -121.535991 °	38.400643 ° -121.535991 °	63
54	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
55	7.39	7.39	Earthen Levee	Encroachments	WS	PO	Landscaping	38.401481 ° -121.536876 °	38.401481 ° -121.536876 °	64
56	7.42	7.47	Earthen Levee	Encroachments	LS	PO	Landscaping	38.401738 ° -121.537127 °	38.402296 ° -121.537678 °	32 Y
57	7.47	7.47	Earthen Levee	Encroachments	LS	C	Landscaping	38.402319 ° -121.537744 °	38.402319 ° -121.537744 °	65
58	7.51	7.51	Earthen Levee	Encroachments	LS	M	Prunings	38.402735 ° -121.538140 °	38.402735 ° -121.538140 °	33
59	7.55	7.55	Earthen Levee	Encroachments	LS	PO	Landscaping	38.403161 ° -121.538610 °	38.403161 ° -121.538610 °	34 Y
60	7.58	7.58	Earthen Levee	Encroachments	LS	PO	Landscaping	38.403566 ° -121.538886 °	38.403566 ° -121.538886 °	934
61	7.60	7.60	Earthen Levee	Encroachments	LS	M	Prunings	38.403795 ° -121.539205 °	38.403795 ° -121.539205 °	935
62	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
63	8.25	8.37	Earthen Levee	Animal Control	LS	C	No rodents visible, but rodent burrows visible; need to backfill and compact or grout borrows.	38.409113 ° -121.538367 °	38.408443 ° -121.536406 °	35
64	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
65	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

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

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2009

Reclamation District No. 0150 Merrit Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Elk Slough	Left	9.58	11/04/2009 11/05/2009	David Pesavento

LMIR No.	Levee Mile		Category	Item	Location *	Rating **	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
66	8.50	8.50	Earthen Levee	Crown Surface / Depressions / Rutting	LS	M	Regrade the crown roadway for proper drainage.	38.408038 ° -121.534230 °	38.408038 ° -121.534230 °	947
67	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
68	8.52	8.52	Earthen Levee	Animal Control	CR	M	No rodents visible, but rodent burrows visible; need to backfill and compact or grout borrows.	38.408245 ° -121.533865 °	38.408245 ° -121.533865 °	68
69	9.12	9.12	Earthen Levee	Trim / Thin Trees	WS	M	Thin trees to allow visibility of the ground and room to flood fight.	38.415158 ° -121.528822 °	38.415158 ° -121.528822 °	948 Y
70	9.16	9.16	Earthen Levee	Animal Control	LS	C	Exterminate rodents and backfill and compact or grout burrows.	38.415388 ° -121.528477 °	38.415388 ° -121.528477 °	71
71	9.19	9.19	Earthen Levee	Slope Stability	WS	M	Repair the levee slope damaged by vehicle traffic and prevent access where possible.	38.415404 ° -121.527954 °	38.415404 ° -121.527954 °	949 Y
72	9.31	9.38	Earthen Levee	Trim / Thin Trees	WS	C	Trim trees to at least five feet above ground level.	38.413908 ° -121.526637 °	38.413243 ° -121.525808 °	39
73	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
74	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
75	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
76	9.56	9.56	Earthen Levee	Encroachments	LS	M	Equipment	38.413560 ° -121.522936 °	38.413560 ° -121.522936 °	950

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

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2009

Reclamation District No. 0150 Merrit Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Elk Slough	Left	9.58	11/04/2009 11/05/2009	David Pesavento

Levee Mile Report Line	2
Start Levee Mile	0.09
End Levee Mile	0.09
Location	Crown
Category	Earthen Levee
Item	Crown Surface / Depressions / Rutting
Re-grade crown access road to remove depressions at LM 0.09.	
dpesaven_20091028_273.jpg	



Levee Mile Report Line	3
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.	
dpesaven_20091105_392.jpg	



Levee Mile Report Line	7
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.	
dpesaven_20091105_393.jpg	



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

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2009

Reclamation District No. 0150 Merrit Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Elk Slough	Left	9.58	11/04/2009 11/05/2009	David Pesavento

Levee Mile Report Line	8
Start Levee Mile	0.68
End Levee Mile	0.77
Location	Crown
Category	Earthen Levee
Item	Crown Surface / Depressions / Rutting
Good gravel surface of crown access road from LM 0.68 to LM 0.77.	
dpesaven_20091028_274.jpg	



Levee Mile Report Line	11
Start Levee Mile	1.22
End Levee Mile	1.22
Location	Crown
Category	Earthen Levee
Item	Crown Surface / Depressions / Rutting
Minor depression on levee crown at LM 1.22	
dpesaven_20091028_253.jpg	



Levee Mile Report Line	12
Start Levee Mile	1.23
End Levee Mile	1.23
Location	Land Side
Category	Earthen Levee
Item	Slope Stability
Damage slope from foot traffic and rain runoff at LM 1.23	
dpesaven_20091028_254.jpg	



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

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2009

Reclamation District No. 0150 Merrit Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Elk Slough	Left	9.58	11/04/2009 11/05/2009	David Pesavento

Levee Mile Report Line	14
Start Levee Mile	2.03
End Levee Mile	2.06
Location	Land Side
Category	Earthen Levee
Item	Animal Control
Backfill or grout rodent holes at LM 2.03 to LM 2.06.	
dpesaven_20091028_264.JPG	



Levee Mile Report Line	16
Start Levee Mile	3.27
End Levee Mile	3.27
Location	Land Side
Category	Earthen Levee
Item	Encroachments
View of material, possibly a soil amendment, piled at the toe of the levee.	
dpesaven_20091105_394.jpg	



Levee Mile Report Line	17
Start Levee Mile	3.43
End Levee Mile	3.48
Location	Water Side
Category	Earthen Levee
Item	Erosion / Bank Caving
Erosion damage on waterward toe from LM 3.43 to 3.48	
dpesaven_20091028_255.jpg	



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

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2009

Reclamation District No. 0150 Merrit Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Elk Slough	Left	9.58	11/04/2009 11/05/2009	David Pesavento

Levee Mile Report Line	18
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.	
dpesaven_20091028_265.JPG	



Levee Mile Report Line	19
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.	
dpesaven_20091028_276.jpg	



Levee Mile Report Line	20
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.	
dpesaven_20091028_256.JPG	



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

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2009

Reclamation District No. 0150 Merrit Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Elk Slough	Left	9.58	11/04/2009 11/05/2009	David Pesavento

Levee Mile Report Line	21
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.	
dpesaven_20091028_266.JPG	



Levee Mile Report Line	21
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.	
dpesaven_20091105_395.jpg	



Levee Mile Report Line	23
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.	
dpesaven_20091028_267.JPG	



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

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2009

Reclamation District No. 0150 Merrit Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Elk Slough	Left	9.58	11/04/2009 11/05/2009	David Pesavento

Levee Mile Report Line	24
Start Levee Mile	4.51
End Levee Mile	4.54
Location	Land Side
Category	Earthen Levee
Item	Vegetation
View of landscaping along landward slope.	
dpesaven_20091105_396.jpg	



Levee Mile Report Line	26
Start Levee Mile	4.55
End Levee Mile	4.58
Location	Land Side
Category	Earthen Levee
Item	Encroachments
Landscaping blocking view of landward slope from 4.50 to 4.58	
dpesaven_20091028_257.jpg	



Levee Mile Report Line	26
Start Levee Mile	4.55
End Levee Mile	4.58
Location	Land Side
Category	Earthen Levee
Item	Encroachments
Updated view of landscaping along landward slope.	
dpesaven_20091105_397.jpg	



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

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2009

Reclamation District No. 0150 Merrit Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Elk Slough	Left	9.58	11/04/2009 11/05/2009	David Pesavento

Levee Mile Report Line	27
Start Levee Mile	4.59
End Levee Mile	4.59
Location	Water Side
Category	Earthen Levee
Item	Trim / Thin Trees
Thin/trim trees to allow for the top 20' waterward slope of levee to be seen at LM 4.59.	
dpesaven_20091028_268.JPG	



Levee Mile Report Line	29
Start Levee Mile	4.99
End Levee Mile	4.99
Location	Land Side
Category	Earthen Levee
Item	Trim / Thin Trees
View of trees along the landward slope blocking visibility and access.	
dpesaven_20091105_398.jpg	



Levee Mile Report Line	31
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.	
dpesaven_20091105_399.jpg	



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

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2009

Reclamation District No. 0150 Merrit Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Elk Slough	Left	9.58	11/04/2009 11/05/2009	David Pesavento

Levee Mile Report Line	33
Start Levee Mile	5.61
End Levee Mile	5.61
Location	Land Side
Category	Earthen Levee
Item	Encroachments
View of prunings pile on the landward slope of the levee.	
dpesaven_20091105_400.jpg	



Levee Mile Report Line	35
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.	
dpesaven_20091105_401.jpg	



Levee Mile Report Line	36
Start Levee Mile	5.93
End Levee Mile	5.93
Location	Land Side
Category	Earthen Levee
Item	Encroachments
View of a tree trunk laying on the landward slope blocking visibility.	
dpesaven_20091105_402.jpg	



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

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2009

Reclamation District No. 0150 Merrit Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Elk Slough	Left	9.58	11/04/2009 11/05/2009	David Pesavento

Levee Mile Report Line	37
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.	
dpesaven_20091028_269.JPG	



Levee Mile Report Line	38
Start Levee Mile	5.94
End Levee Mile	5.94
Location	Water Side
Category	Earthen Levee
Item	Vegetation
View of vegetation along the waterward slope blocking visibility and access.	
dpesaven_20091105_403.jpg	



Levee Mile Report Line	42
Start Levee Mile	6.16
End Levee Mile	6.16
Location	Water Side
Category	Earthen Levee
Item	Encroachments
View of a pile of leaves and clippings on the waterward slope.	
dpesaven_20091105_404.jpg	



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

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2009

Reclamation District No. 0150 Merrit Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Elk Slough	Left	9.58	11/04/2009 11/05/2009	David Pesavento

Levee Mile Report Line	43
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	
dpesaven_20091028_258.jpg	



Levee Mile Report Line	45
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	
dpesaven_20091028_259.jpg	



Levee Mile Report Line	47
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.	
dpesaven_20091105_405.jpg	



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

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2009

Reclamation District No. 0150 Merrit Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Elk Slough	Left	9.58	11/04/2009 11/05/2009	David Pesavento

Levee Mile Report Line	48
Start Levee Mile	6.65
End Levee Mile	6.65
Location	Land Side
Category	Earthen Levee
Item	Encroachments
Remove debris from landward slope at LM 6.65.	
dpesaven_20091028_260.JPG	



Levee Mile Report Line	50
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	
dpesaven_20091028_261.jpg	



Levee Mile Report Line	56
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	
dpesaven_20091028_262.jpg	



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

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2009

Reclamation District No. 0150 Merrit Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Elk Slough	Left	9.58	11/04/2009 11/05/2009	David Pesavento

Levee Mile Report Line	59
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	
dpesaven_20091028_263.jpg	



Levee Mile Report Line	62
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.	
dpesaven_20091105_406.jpg	



Levee Mile Report Line	64
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.	
dpesaven_20091028_270.JPG	



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

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2009

Reclamation District No. 0150 Merrit Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Elk Slough	Left	9.58	11/04/2009 11/05/2009	David Pesavento

Levee Mile Report Line	69
Start Levee Mile	9.12
End Levee Mile	9.12
Location	Water Side
Category	Earthen Levee
Item	Trim / Thin Trees
View of a tree branch that has fallen and is blocking visibility and access.	
dpesaven_20091105_407.jpg	



Levee Mile Report Line	71
Start Levee Mile	9.19
End Levee Mile	9.19
Location	Water Side
Category	Earthen Levee
Item	Slope Stability
View of erosion on the landward slope caused by a vehicle driving along it.	
dpesaven_20091105_408.jpg	



Levee Mile Report Line	74
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.	
dpesaven_20091028_271.JPG	



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