

**Flood Control Project Maintenance  
Levee Inspections  
LMA District Cover Sheet  
Spring 2012 Levee Inspection Results**

**Reclamation District No. 2107 Mossdale 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 2012 Levee Inspection Results**

**Reclamation District No. 2107 Mossdale Island**

Waterway	Bank	Unit Miles
Unit No. 01 San Joaquin River	Left	2.37

	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)				
Date of Inspection	3/26/2012 - 3/26/2012			
DWR Inspector	Jim Eto			
Accompanied By	Robert Brown			

**Summer & Winter Inspections**

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

<http://cdec.water.ca.gov/lma.html>

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

*The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.*

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2012**

**Reclamation District No. 2107 Mossdale Island**

Waterway				Bank	Unit Miles	Inspection Start/End	Inspector				
Unit No. 01 San Joaquin River				Left	2.37	03/26/2012 03/26/2012	Jim Eto				
LMR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment		GPS Latitude/Longitude		Issue No. Photo
	Start	End					Start	End			
1			Earthen Levee	Emergency Supplies & Equipment	CR	A Ma			°	°	58
DWR ID: DWR_RD2107_01_s_2012_58											
2			Earthen Levee	Operations & Maintenance Manuals	CR	A Ma			°	°	59
DWR ID: DWR_RD2107_01_s_2012_59											
3			Earthen Levee	Flood Preparedness & Training	CR	A Ma			°	°	60
DWR ID: DWR_RD2107_01_s_2012_60											
4	0.03	0.03	Earthen Levee	Trim / Thin Trees	WS	N Ma	T5 : Tree stumps.		37.786993 ° -121.308694 °	37.786993 ° -121.308694 °	1 Y
DWR ID: DWR_RD2107_01_s_2012_1											
5	0.25	0.25	Earthen Levee	Trim / Thin Trees	WS	N Ma	T5 : Tree stumps.		37.784316 ° -121.306498 °	37.784316 ° -121.306498 °	2 Y
DWR ID: DWR_RD2107_01_s_2012_2											
6	0.37	0.37	Earthen Levee	Trim / Thin Trees	WS	N Ma	T5 : Tree stumps.		37.783233 ° -121.305125 °	37.783233 ° -121.305125 °	4 Y
DWR ID: DWR_RD2107_01_s_2012_4											
7	0.42	0.42	Earthen Levee	Vegetation	WS	M Ma	V4 : Elderberries are blocking visibility and flood fight capability. Inspector Comments: Large elderberry on water side slope.		37.782737 ° -121.304426 °	37.782737 ° -121.304426 °	54 Y
DWR ID: DWR_RD2107_01_s_2012_54											
8	0.68	0.68	Earthen Levee	Encroachments	CRA/W	PI : Pipe Ma	Inspector Comments: Irrigation intake pump. Steel pipe runs through base of levee.		37.779550 ° -121.301987 °	37.779550 ° -121.301987 °	6 Y
DWR ID: DWR_RD2107_01_s_2012_6											
9	0.68	0.68	Earthen Levee	Erosion / Bank Caving	WS	M Ma	E1 : Note and monitor erosion site. Inspector Comments: Erosion occurring around pipe on water side.		37.779494 ° -121.301952 °	37.779494 ° -121.301952 °	55 Y
DWR ID: DWR_RD2107_01_s_2012_55											
10	1.24	1.24	Earthen Levee	Vegetation	LS	M En	V6 : Landscaping Inspector Comments: Landscaping and fence present on levee slope.		37.774123 ° -121.307189 °	37.774123 ° -121.307189 °	17 Y
DWR ID: DWR_RD2107_01_s_2012_17											
11	1.49	1.49	Earthen Levee	Encroachments	CRA/W	PI : Pipe Ma	Inspector Comments: Irrigation intake pump.		37.771636 ° -121.304773 °	37.771636 ° -121.304773 °	9 Y
DWR ID: DWR_RD2107_01_s_2012_9											
12	2.21	2.21	Earthen Levee	Encroachments	CRA/W	PI : Pipe Ma	Inspector Comments: Irrigation intake pipe through levee freeboard.		37.762868 ° -121.309708 °	37.762868 ° -121.309708 °	11
DWR ID: DWR_RD2107_01_s_2012_11											

<b>* Location</b> LS : Land Side WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2012**

**Reclamation District No. 2107 Mossdale Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	2.37	03/26/2012 03/26/2012	Jim Eto

Levee Mile Report Line	4
Start Levee Mile	0.03
End Levee Mile	0.03
Location	Water Side
Category	Earthen Levee
Item	Trim / Thin Trees
<p>Photo of waterside slope. Stumps present from prior tree removal for access and visibility.</p>	
<p>jeto_s_20120309_555.jpg</p>	



Levee Mile Report Line	5
Start Levee Mile	0.25
End Levee Mile	0.25
Location	Water Side
Category	Earthen Levee
Item	Trim / Thin Trees
<p>Tree stumps present on slope. They were left from prior vegetation removal for access and visibility.</p>	
<p>jeto_s_20120309_556.jpg</p>	



Levee Mile Report Line	6
Start Levee Mile	0.37
End Levee Mile	0.37
Location	Water Side
Category	Earthen Levee
Item	Trim / Thin Trees
<p>Tree stumps and trunks on levee slope. Vehicle traffic on levee slope is an ongoing problem at this location due to the abandoned trailer park, access should be restricted.</p>	
<p>jeto_s_20120309_557.jpg</p>	



<p><b>* Location</b></p> <p>LS : Land Side WS : Water Side CR : Crown</p>	<p><b>** Rating</b></p> <p>A : Acceptable M : Minimally Acceptable U : Unacceptable</p> <p>N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor &amp; Maintain</p>	<p><b>+ Issue Type</b></p> <p>Ma : Maintenance Deficiency Ob : Design &amp; System Obsolescence En : Enforcement</p>
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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	2.37	03/26/2012 03/26/2012	Jim Eto

Levee Mile Report Line	7
Start Levee Mile	0.42
End Levee Mile	0.42
Location	Water Side
Category	Earthen Levee
Item	Vegetation
03/26/2012 Large elderberry located on water side slope.	
jeto_s_20120326_718.jpg	



Levee Mile Report Line	8
Start Levee Mile	0.68
End Levee Mile	0.68
Location	Crown
Category	Earthen Levee
Item	Encroachments
Irrigation intake pipe runs through the base of the levee. Stand pipes on waterside and landside. A butterfly valve is located near waterside slope.	
jeto_s_20120309_558.jpg	



Levee Mile Report Line	9
Start Levee Mile	0.68
End Levee Mile	0.68
Location	Water Side
Category	Earthen Levee
Item	Erosion / Bank Caving
03/26/2012 Erosion noted at pump location.	
jeto_s_20120326_719.jpg	



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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	2.37	03/26/2012 03/26/2012	Jim Eto

Levee Mile Report Line	10
Start Levee Mile	1.24
End Levee Mile	1.24
Location	Land Side
Category	Earthen Levee
Item	Vegetation
Fall 2009 photo of landscape planting on landside levee slope and a 3-ft yard fence at the levee toe.	
jeto_s_20120309_560.jpg	



Levee Mile Report Line	11
Start Levee Mile	1.49
End Levee Mile	1.49
Location	Crown
Category	Earthen Levee
Item	Encroachments
Irrigation intake pipe through levee freeboard.	
jeto_s_20120309_559.jpg	



<b>* Location</b> LS : Land Side WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Unit Cover Sheet**

**Spring 2012 Levee Inspection Results**

**Reclamation District No. 2107 Mossdale Island**

Waterway		Bank	Unit Miles
Unit No. 02 Paradise Cut		Right	1.84

	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)				
Date of Inspection	3/26/2012 - 3/26/2012			
DWR Inspector	Jim Eto			
Accompanied By	Robert Brown			

**Summer & Winter Inspections**

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**Levee Inspection Report By Mile - Spring 2012**

**Reclamation District No. 2107 Mossdale Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Paradise Cut	Right	1.84	03/26/2012 03/26/2012	Jim Eto

LMIR No.	Levee Mile		Category	Item	* Location	** Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
1	0.50	0.50	Earthen Levee	Vegetation	WS	M Ma	V4 : Elderberries are blocking visibility and flood fight capability. Inspector Comments: Elderberry bush on waterside.	37.764780 ° -121.316717 °	37.764780 ° -121.316717 °	4 Y
DWR ID: DWR_RD2107_02_s_2012_4										
2	0.55	0.55	Earthen Levee	Encroachments	CR/A/W	PI : Pipe Ma	Inspector Comments: Drainage discharge pump and pipe through levee freeboard.	37.764831 ° -121.317446 °	37.764831 ° -121.317446 °	2 Y
DWR ID: DWR_RD2107_02_s_2012_2										
3	0.84	0.84	Earthen Levee	Trim / Thin Trees	WS	N Ma	T5 : Tree stumps.	37.767792 ° -121.321220 °	37.767792 ° -121.321220 °	5 Y
DWR ID: DWR_RD2107_02_s_2012_5										
4	1.53	1.83	Earthen Levee	Encroachments	CR	C Ma	PI : Pipe Inspector Comments: Drainage discharge into Paradise Cut. Gravity flow and pressure flow from sump pump if necessary. Power to pump disconnected. Pump in disrepair. No flap gates or closure devices.	37.774170 ° -121.329954 °	37.777638 ° -121.332954 °	6
DWR ID: DWR_RD2107_02_s_2012_6										

<b>* Location</b> LS : Land Side WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Paradise Cut	Right	1.84	03/26/2012 03/26/2012	Jim Eto

Levee Mile Report Line	1
Start Levee Mile	0.50
End Levee Mile	0.50
Location	Water Side
Category	Earthen Levee
Item	Vegetation
03/26/2012 Elderberry located on water side slope.	
jeto_s_20120326_720.jpg	



Levee Mile Report Line	2
Start Levee Mile	0.55
End Levee Mile	0.55
Location	Crown
Category	Earthen Levee
Item	Encroachments
Drainage discharge pump. Steel pipe penetrates levee freeboard. No flapgate on waterside. No closure device.	
jeto_s_20120309_561.jpg	



Levee Mile Report Line	3
Start Levee Mile	0.84
End Levee Mile	0.84
Location	Water Side
Category	Earthen Levee
Item	Trim / Thin Trees
Tree stumps on levee slope.	
jeto_s_20120309_562.jpg	



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