

**Flood Control Project Maintenance
Levee Inspections**

Fall 2011 Levee Maintenance Deficiency Summary Report

Overall LMA & Unit Ratings, including DWR Erosion Survey

San Joaquin River Basin

RD2095	Overall LMA Rating	Total LMA Miles	* Overall LMA Threshold Percent is less than 10.00%; however, U Rated Miles are present, so the Overall LMA Rating is M instead of A.			
Reclamation District No. 2095 Paradise Cut	M *	4.83				
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	Encroachments PO Miles CO Miles	
<i>Earthen Levee</i>						
Vegetation	0.05	0.01	0.09	1.86%		
Encroachments					0.01	
<i>Supplemental</i>						
DWR Erosion Survey	0.05	0.05	0.25	5.18%		
<i>LMA Totals:</i>	0.10	0.06	0.34	7.04% *	0.01	0.00
Unit No. 01 Paradise Cut LB	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.			
RD2095	M *	1.45				
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	Encroachments PO Miles CO Miles	
<i>Earthen Levee</i>						
Encroachments					0.01	
<i>Supplemental</i>						
DWR Erosion Survey	0.01	0.01	0.05	3.45%		
<i>Unit Totals:</i>	0.01	0.01	0.05	3.45% *	0.01	0.00
Unit No. 02 San Joaquin River LB	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.			
RD2095	M *	3.38				
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	Encroachments PO Miles CO Miles	
<i>Earthen Levee</i>						
Vegetation	0.05	0.01	0.09	2.66%		
<i>Supplemental</i>						
DWR Erosion Survey	0.04	0.04	0.20	5.92%		
<i>Unit Totals:</i>	0.09	0.05	0.29	8.58% *	0.00	0.00

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

Reclamation District No. 2095 Paradise Cut

	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 2011 Levee Inspection Results

Reclamation District No. 2095 Paradise Cut

Waterway		Bank	Unit Miles
Unit No. 01 Paradise Cut		Left	1.45

	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			M	
Date of Inspection	4/27/2011 - 4/27/2011		11/1/2011 - 11/1/2011	
DWR Inspector	Jim Eto		Jim Eto	
Accompanied By	Bob Pombo RD 2095		Bob Pombo RD 2095	

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 - Fall 2011

Reclamation District No. 2095 Paradise Cut

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Paradise Cut	Left	1.45	11/01/2011 11/01/2011	Jim Eto

LMIR No.	Levee Mile		Category	Item	* Location	** Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
1	0.35	0.35	Earthen Levee	Encroachments	CR	W	Pipe Inspector Comments: No closure devices or flap gate on discharge pipe. Pipe penetrates freeboard of levee.	37.767822 ° -121.322835 °	37.767822 ° -121.322835 °	5
2	0.63	0.63	Earthen Levee	Trim / Thin Trees	LS	C	Tree stumps. Inspector Comments: 6 burned stumps on levee slope.	37.764407 ° -121.320110 °	37.764407 ° -121.320110 °	8
3	0.70	0.70	Earthen Levee	Encroachments	WS	W	Pipe Inspector Comments: Irrigation intake penetrates levee freeboard. No positive closure device present.	37.763780 ° -121.319147 °	37.763780 ° -121.319147 °	10
4	0.70	0.70	Earthen Levee	Encroachments	LS	PO	Buildings Inspector Comments: Pump house near RR.	37.763630 ° -121.319045 °	37.763630 ° -121.319045 °	11
5	0.73	0.74	Supplemental	DWR Erosion Survey	WS	M	Inspector Comments: 09/02/2011: No significant changes observed on site. 09/22/2010: No significant changes observed on site. There is now considerable vegetation at the water line and along the lower berm slope. However, the erosion on the lower berm slope is still present and has not been corrected. 08/06/2010: Recommended for local maintenance issue, per CLRO. 07/29/2009: No major change since last visit; noticeable vegetation growth; erosion is on berm, but if left untreated, it will eventually erode into levee prism; site is recommended for annual assessment and monitoring of site, per CLRO CES 2008 Report; Site # is the same as RM6.80, LM0.73; previously rated "U". 07/22/2008: Downstream of WPRR near siphon pipe & pump; sandy levee; visited by Jeff Van Gilder and LRO in 2008 for repair assessment; scouring downstream of RxR crossing, possibly caused by eddy effects. 03/13/2007: Site visited on 03/13/2007. [2011 Site ID:RD2095U01RM6.74]	37.763630 ° -121.319000 °	37.763630 ° -121.319000 °	1 Y
6	0.86	0.86	Supplemental	DWR Erosion Survey	WS	U	Inspector Comments: 09/02/2011: No significant changes observed. 09/22/2010: No significant changes observed. Sloughing of the existing rip rap possibly due to a combination of steep slope and undesirable flood conditions. 08/06/2010: Recommended as local maintenance issue, per CLRO. 07/29/2009: No major change observed since last visit; near-vertical slope that has rip rap sloughing; site is recommended as a local maintenance issue, per CLRO CES Evaluation 2008 Report; Site # is the same as RM6.90, LM0.86; previously rated "U". 07/22/2008: Previous erosion site that is partially protected with concrete rubble; erosion scarp is adjacent to the sloughing rip rap. 03/13/2007: Site visited on 03/13/2007. [2011 Site ID:RD2095U01RM6.88]	37.761960 ° -121.318140 °	37.761960 ° -121.318140 °	2 Y

<p>* Location LS : Land Side WS : Water Side CR : Crown</p>	<p>** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable</p>	<p>PO : Partially Obstructing CO : Completely Obstructing W : Watch/Monitor</p>	<p>N : Not Inspected, see Inspector Comment C : Corrected</p>
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2011

Reclamation District No. 2095 Paradise Cut

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Paradise Cut	Left	1.45	11/01/2011 11/01/2011	Jim Eto

LMIR No.	Levee Mile		Category	Item	* Location	** Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
7	0.88	0.88	Earthen Levee	Encroachments	LS	W	Pipe Inspector Comments: Large pump platform for drainage into San Joaquin River. Three pumps. No positive closure devices. Pipe penetrates levee freeboard. No flap gate at outlet.	37.761362 ° -121.318062 °	37.761362 ° -121.318062 °	15 Y
8	0.88	0.88	Earthen Levee	Encroachments	WS	W	Pipe Inspector Comments: Gravity drain through base of levee. Positive closure on waterside hinge point. Flap gate obstructed by debris has been cleared.	37.761337 ° -121.318047 °	37.761337 ° -121.318047 °	16 Y
9	0.92	0.92	Earthen Levee	Encroachments	LS	A	Pipe Inspector Comments: Abandoned pipe has been capped.	37.760758 ° -121.317720 °	37.760758 ° -121.317720 °	6 Y
10	0.92	0.92	Earthen Levee	Encroachments	LS	C	Pipe Inspector Comments: North pipe is disconnected from pump with no closure devices or flap gate. Pipe runs through levee freeboard. Corrosion on waterside outlet. Hole cut on waterside hinge point where syphon breaker should be. 04/27/2011 situation unchanged. Picture attached	37.760758 ° -121.317720 °	37.760758 ° -121.317720 °	17
11	0.92	0.92	Earthen Levee	Encroachments	LS	W	Pipe Inspector Comments: Pipe on south is connected with siphon breaker at hinge point.	37.760792 ° -121.317705 °	37.760792 ° -121.317705 °	18 Y
12	1.18	1.18	Earthen Levee	Encroachments	WS	C	Equipment Inspector Comments: Fish and Game fish monitoring equipment.	37.759714 ° -121.313181 °	37.759714 ° -121.313181 °	3
13	1.34	1.34	Earthen Levee	Encroachments	WS	C	Equipment Inspector Comments: Department of Fish and Game fish monitoring station.	37.759370 ° -121.310324 °	37.759370 ° -121.310324 °	4

<p>* Location LS : Land Side WS : Water Side CR : Crown</p>	<p>** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable</p>	<p>PO : Partially Obstructing CO : Completely Obstructing W : Watch/Monitor</p>	<p>N : Not Inspected, see Inspector Comment C : Corrected</p>
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2011

Reclamation District No. 2095 Paradise Cut

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Paradise Cut	Left	1.45	11/01/2011 11/01/2011	Jim Eto

Levee Mile Report Line	5
Start Levee Mile	0.73
End Levee Mile	0.74
Location	Water Side
Category	Supplemental
Item	DWR Erosion Survey

Downstream view of the site.

SJR2011_RD2095U01RM6.74_1.jpg



Levee Mile Report Line	5
Start Levee Mile	0.73
End Levee Mile	0.74
Location	Water Side
Category	Supplemental
Item	DWR Erosion Survey

Upstream view of the site looking from the RxR crossing.

SJR2011_RD2095U01RM6.74_2.jpg



Levee Mile Report Line	5
Start Levee Mile	0.73
End Levee Mile	0.74
Location	Water Side
Category	Supplemental
Item	DWR Erosion Survey

Downstream view of the site from the RxR crossing

SJR2011_RD2095U01RM6.74_3.jpg



<p>* Location LS : Land Side WS : Water Side CR : Crown</p>	<p>** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable</p>	<p>PO : Partially Obstructing CO : Completely Obstructing W : Watch/Monitor</p>	<p>N : Not Inspected, see Inspector Comment C : Corrected</p>
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2011

Reclamation District No. 2095 Paradise Cut

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Paradise Cut	Left	1.45	11/01/2011 11/01/2011	Jim Eto

Levee Mile Report Line	5
Start Levee Mile	0.73
End Levee Mile	0.74
Location	Water Side
Category	Supplemental
Item	DWR Erosion Survey

Downstream view of the site.

SJR2011_RD2095U01RM6.74_4.jpg



Levee Mile Report Line	6
Start Levee Mile	0.86
End Levee Mile	0.86
Location	Water Side
Category	Supplemental
Item	DWR Erosion Survey

Direct view of the site.

SJR2011_RD2095U01RM6.88_1.jpg



Levee Mile Report Line	6
Start Levee Mile	0.86
End Levee Mile	0.86
Location	Water Side
Category	Supplemental
Item	DWR Erosion Survey

Downstream view of the site.

SJR2011_RD2095U01RM6.88_2.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 W : Watch/Monitor</p>	<p>N : Not Inspected, see Inspector Comment C : Corrected</p>
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2011

Reclamation District No. 2095 Paradise Cut

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Paradise Cut	Left	1.45	11/01/2011 11/01/2011	Jim Eto

Levee Mile Report Line	6
Start Levee Mile	0.86
End Levee Mile	0.86
Location	Water Side
Category	Supplemental
Item	DWR Erosion Survey

Upwnstream view of the site.

SJR2011_RD2095U01RM6.88_3.jpg



Levee Mile Report Line	6
Start Levee Mile	0.86
End Levee Mile	0.86
Location	Water Side
Category	Supplemental
Item	DWR Erosion Survey

Upstream view of the site from upper slope.

SJR2011_RD2095U01RM6.88_4.jpg



Levee Mile Report Line	7
Start Levee Mile	0.88
End Levee Mile	0.88
Location	Land Side
Category	Earthen Levee
Item	Encroachments

04/27/2011 Pumps at LM 0.88

jeto_f_20110923_363.jpg



<p>* Location LS : Land Side WS : Water Side CR : Crown</p>	<p>** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable</p>	<p>PO : Partially Obstructing CO : Completely Obstructing W : Watch/Monitor</p>	<p>N : Not Inspected, see Inspector Comment C : Corrected</p>
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2011

Reclamation District No. 2095 Paradise Cut

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Paradise Cut	Left	1.45	11/01/2011 11/01/2011	Jim Eto

Levee Mile Report Line	8
Start Levee Mile	0.88
End Levee Mile	0.88
Location	Water Side
Category	Earthen Levee
Item	Encroachments

Gravity drainage outlet flaggate blocked by debris.

jeto_f_20110923_364.jpg



Levee Mile Report Line	8
Start Levee Mile	0.88
End Levee Mile	0.88
Location	Water Side
Category	Earthen Levee
Item	Encroachments

Gravity drain inlet.

jeto_f_20110923_365.jpg



Levee Mile Report Line	9
Start Levee Mile	0.92
End Levee Mile	0.92
Location	Land Side
Category	Earthen Levee
Item	Encroachments

11/01/2011 Abandoned pipe has been capped.

jeto_f_20111109_528.jpg



<p>* Location LS : Land Side WS : Water Side CR : Crown</p>	<p>** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable</p>	<p>PO : Partially Obstructing CO : Completely Obstructing W : Watch/Monitor</p>	<p>N : Not Inspected, see Inspector Comment C : Corrected</p>
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2011

Reclamation District No. 2095 Paradise Cut

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Paradise Cut	Left	1.45	11/01/2011 11/01/2011	Jim Eto

Levee Mile Report Line	11
Start Levee Mile	0.92
End Levee Mile	0.92
Location	Land Side
Category	Earthen Levee
Item	Encroachments
11/01/2011 Siphon breaker at hinge point on waterside.	
jeto_f_20111109_529.jpg	



<p>* Location</p> <p>LS : Land Side WS : Water Side CR : Crown</p>	<p>** Rating</p> <p>A : Acceptable PO : Partially Obstructing N : Not Inspected, see Inspector Comment C : Corrected M : Minimally Acceptable CO : Completely Obstructing U : Unacceptable W : Watch/Monitor</p>
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**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Fall 2011 Levee Inspection Results

Reclamation District No. 2095 Paradise Cut

Waterway		Bank	Unit Miles
Unit No. 02 San Joaquin River		Left	3.38

	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			M	
Date of Inspection	4/27/2011 - 4/27/2011		11/1/2011 - 11/1/2011	
DWR Inspector	Jim Eto		Jim Eto	
Accompanied By	Bob Pombo RD 2095		Bob Pombo RD 2095	

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.

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(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 - Fall 2011

Reclamation District No. 2095 Paradise Cut

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 San Joaquin River	Left	3.38	11/01/2011 11/01/2011	Jim Eto

LMIR No.	Levee Mile		Category	Item	* Location	** Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
1	0.62	0.62	Earthen Levee	Vegetation	LS	M	Elderberries are blocking visibility and flood fight capability.	37.751668 ° -121.304302 °	37.751668 ° -121.304302 °	6 Y
2	0.76	0.76	Earthen Levee	Encroachments	WS	W	Pipe Inspector Comments: Two pipes penetrate levee freeboard. Siphon breakers present.	37.749710 ° -121.303263 °	37.749710 ° -121.303263 °	11
3	0.80	0.80	Earthen Levee	Encroachments	WS	W	Pipe Inspector Comments: Intake pump and pipe.	37.749337 ° -121.302552 °	37.749337 ° -121.302552 °	13
4	0.98	0.98	Earthen Levee	Vegetation	WS	M	Elderberries are blocking visibility and flood fight capability.	37.749737 ° -121.300002 °	37.749737 ° -121.300002 °	940
5	1.01	1.01	Earthen Levee	Vegetation	WS	U	Elderberries are blocking visibility and flood fight capability. Inspector Comments: new photo Dense bush within 20' of crown on waterside slope.	37.749650 ° -121.299362 °	37.749650 ° -121.299362 °	941 Y
6	1.03	1.03	Earthen Levee	Vegetation	WS	M	Elderberries are blocking visibility and flood fight capability.	37.749557 ° -121.299053 °	37.749557 ° -121.299053 °	942
7	1.09	1.09	Earthen Levee	Trim / Thin Trees	LS	N	Tree stumps. Inspector Comments: 4 stumps	37.748254 ° -121.298993 °	37.748254 ° -121.298993 °	3
8	1.54	1.54	Earthen Levee	Vegetation	WS	M	Elderberries are blocking visibility and flood fight capability.	37.742828 ° -121.297532 °	37.742828 ° -121.297532 °	12
9	1.67	1.67	Earthen Levee	Encroachments	CR	W	Pipe Inspector Comments: Discharge pipe into San Joaquin River. Anti-siphon valve present. Pipe penetrates levee freeboard.	37.741140 ° -121.296328 °	37.741140 ° -121.296328 °	15 Y
10	1.77	1.80	Supplemental Survey	DWR Erosion Survey	WS	U	Inspector Comments: 08/23/2011: No significant changes observed on the site.9/22/2010: No significant changes observed on site. There is moderate vegetation growth on the berm. Despite the erosion occurring on the berm, corrective action should be taken before the issue becomes severe.9/29/2009: Site is immediately downstream of a section of existing rip rap; there is a 20-foot berm remaining; berm will continue to erode unless erosion is mitigated; Site# is the same as RM62.6, LM1.87; recommended for annual assessment, per CES Evaluation 2008 Report2006: Visited 10/20/06 [2011 Site ID:RD2095U02RM60.62]	37.740196 ° -121.297662 °	37.740196 ° -121.297662 °	1 Y

<p>* Location</p> <p>LS : Land Side WS : Water Side CR : Crown</p>	<p>** Rating</p> <p>A : Acceptable PO : Partially Obstructing N : Not Inspected, see Inspector Comment C : Corrected M : Minimally Acceptable CO : Completely Obstructing U : Unacceptable W : Watch/Monitor</p>
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2011

Reclamation District No. 2095 Paradise Cut

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 San Joaquin River	Left	3.38	11/01/2011 11/01/2011	Jim Eto

LMIR No.	Levee Mile		Category	Item	Location *	Rating **	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
11	1.85	1.89	Supplemental	DWR Erosion Survey	WS	M	Inspector Comments: 08/23/2011: Dense vegetation makes it difficult to view the possible erosion. No new development was observed on site. 09/23/2010: At the time of the inspection, the erosion site was difficult to view from the levee. Erosion is located on the bank toe, below the existing rip rap. There were no signs of repair on site, nor has the site been reported to be repaired by the district. Images taken from last year indicate that existing rip rap at the bank toe has sloughed exposing the underlying soils. Weakening of the toe could lead to future bank instability. 08/05/2010: Recommended for annual assessment and monitoring during flood events, per CLRO. 09/29/2009: No major change observed since last visit; sloughing of the rip rap above toe; erosion begins immediately downstream of existing rip rap revetment; roughly 15-foot berm remains; however, it will continue to erode and eventually intrude into the levee profile if left untreated. 10/20/2006: Just upstream of where berm starts to widen. [2011 Site ID:RD2095U02RM60.69]	37.738880 ° -121.298260 °	37.738880 ° -121.298260 °	2 Y
12	2.10	2.10	Earthen Levee	Encroachments	WS	W	Pipe	37.735483 ° -121.297912 °	37.735483 ° -121.297912 °	19
13	2.14	2.14	Earthen Levee	Vegetation	WS	M	Elderberries are blocking visibility and flood fight capability.	37.734858 ° -121.297758 °	37.734858 ° -121.297758 °	20 Y
14	2.39	2.39	Earthen Levee	Encroachments	CR	W	Pipe	37.731555 ° -121.298283 °	37.731555 ° -121.298283 °	23
15	2.54	2.54	Earthen Levee	Encroachments	WS	C	Equipment Inspector Comments: Fish monitoring station	37.729395 ° -121.299080 °	37.729395 ° -121.299080 °	10
16	2.72	2.72	Earthen Levee	Encroachments	CR	W	Pipe Inspector Comments: Pipe connections have been made. Permit application needed for this emergency repair.	37.726893 ° -121.299542 °	37.726893 ° -121.299542 °	26
17	2.73	2.73	Earthen Levee	Encroachments	CR	W	Pipe Inspector Comments: Discharge pipe with closure structure on waterside hinge point.	37.726733 ° -121.299367 °	37.726733 ° -121.299367 °	25

* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	PO : Partially Obstructing CO : Completely Obstructing W : Watch/Monitor	N : Not Inspected, see Inspector Comment C : Corrected
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2011

Reclamation District No. 2095 Paradise Cut

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 San Joaquin River	Left	3.38	11/01/2011 11/01/2011	Jim Eto

Levee Mile Report Line	1
Start Levee Mile	0.62
End Levee Mile	0.62
Location	Land Side
Category	Earthen Levee
Item	Vegetation
11/01/2011 Elderberry bush at landside toe.	
jeto_f_20111109_530.jpg	



Levee Mile Report Line	5
Start Levee Mile	1.01
End Levee Mile	1.01
Location	Water Side
Category	Earthen Levee
Item	Vegetation
Elderberry blocks visibility of levee slope.	
jeto_f_20110923_376.jpg	



Levee Mile Report Line	9
Start Levee Mile	1.67
End Levee Mile	1.67
Location	Crown
Category	Earthen Levee
Item	Encroachments
11/01/2011 New siphon breaker at waterside hinge point.	
jeto_f_20111109_531.jpg	



* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	PO : Partially Obstructing CO : Completely Obstructing W : Watch/Monitor	N : Not Inspected, see Inspector Comment C : Corrected
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2011

Reclamation District No. 2095 Paradise Cut

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 San Joaquin River	Left	3.38	11/01/2011 11/01/2011	Jim Eto

Levee Mile Report Line	10
Start Levee Mile	1.77
End Levee Mile	1.80
Location	Water Side
Category	Supplemental
Item	DWR Erosion Survey
Front view of the site. Note dense vegetation on the berm.	
SJR2011_RD2095U02RM60.62_1.jpg	



Levee Mile Report Line	10
Start Levee Mile	1.77
End Levee Mile	1.80
Location	Water Side
Category	Supplemental
Item	DWR Erosion Survey
Front view of the site.	
SJR2011_RD2095U02RM60.62_2.jpg	



Levee Mile Report Line	10
Start Levee Mile	1.77
End Levee Mile	1.80
Location	Water Side
Category	Supplemental
Item	DWR Erosion Survey
Upstream view of the site.	
SJR2011_RD2095U02RM60.62_3.jpg	



* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	PO : Partially Obstructing CO : Completely Obstructing W : Watch/Monitor	N : Not Inspected, see Inspector Comment C : Corrected
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2011

Reclamation District No. 2095 Paradise Cut

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 San Joaquin River	Left	3.38	11/01/2011 11/01/2011	Jim Eto

Levee Mile Report Line	10
Start Levee Mile	1.77
End Levee Mile	1.80
Location	Water Side
Category	Supplemental
Item	DWR Erosion Survey

Front view of the site.

SJR2011_RD2095U02RM60.62_4.jpg



Levee Mile Report Line	11
Start Levee Mile	1.85
End Levee Mile	1.89
Location	Water Side
Category	Supplemental
Item	DWR Erosion Survey

Direct view of the erosion. Note dense vegetation on site

SJR2011_RD2095U02RM60.69_1.jpg



Levee Mile Report Line	11
Start Levee Mile	1.85
End Levee Mile	1.89
Location	Water Side
Category	Supplemental
Item	DWR Erosion Survey

Front view of the erosion.

SJR2011_RD2095U02RM60.69_2.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 W : Watch/Monitor</p>	<p>N : Not Inspected, see Inspector Comment C : Corrected</p>
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2011

Reclamation District No. 2095 Paradise Cut

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 San Joaquin River	Left	3.38	11/01/2011 11/01/2011	Jim Eto

Levee Mile Report Line	11
Start Levee Mile	1.85
End Levee Mile	1.89
Location	Water Side
Category	Supplemental
Item	DWR Erosion Survey

Direct view of the erosion.

SJR2011_RD2095U02RM60.69_3.jpg



Levee Mile Report Line	11
Start Levee Mile	1.85
End Levee Mile	1.89
Location	Water Side
Category	Supplemental
Item	DWR Erosion Survey

A closer look at the site

SJR2011_RD2095U02RM60.69_4.jpg



Levee Mile Report Line	13
Start Levee Mile	2.14
End Levee Mile	2.14
Location	Water Side
Category	Earthen Levee
Item	Vegetation

Vegetation on waterside slope obstructs access and visibility.

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