

**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***

<b>RD2101</b>	Overall LMA Rating	Total LMA Miles				
<b>Reclamation District No. 2101 Blewett</b>	<b>U</b>	<b>3.51</b>				
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	Encroachments	
					PO Miles	CO Miles
<i>Earthen Levee</i>						
Vegetation	2.98		2.98	84.90%		
Trim / Thin Trees	0.24		0.24	6.84%		
Encroachments					1.16	
Animal Control	0.03	0.21	0.87	24.79%		
Erosion / Bank Caving	0.02		0.02	0.57%		
<i>Supplemental</i>						
DWR Erosion Survey		0.10	0.40	11.40%		
<i>LMA Totals:</i>	3.27	0.31	4.51	128.49%	1.16	0.00
<b>Unit No. 01 San Joaquin River LB</b>						
	Overall Unit Rating	Total Unit Miles				
RD2101	<b>U</b>	<b>3.20</b>				
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	Encroachments	
					PO Miles	CO Miles
<i>Earthen Levee</i>						
Vegetation	2.98		2.98	93.13%		
Trim / Thin Trees	0.24		0.24	7.50%		
Encroachments					1.16	
Animal Control	0.03	0.21	0.87	27.19%		
Erosion / Bank Caving	0.01		0.01	0.31%		
<i>Supplemental</i>						
DWR Erosion Survey		0.10	0.40	12.50%		
<i>Unit Totals:</i>	3.26	0.31	4.50	140.63%	1.16	0.00
<b>Unit No. 02 San Joaquin River (Spur Levee) RB</b>						
	Overall Unit Rating	Total Unit Miles				
RD2101	<b>A</b>	<b>0.31</b>				
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	Encroachments	
					PO Miles	CO Miles
<i>Earthen Levee</i>						
Erosion / Bank Caving	0.01		0.01	3.23%		
<i>Unit Totals:</i>	0.01	0.00	0.01	3.23%	0.00	0.00

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

**Reclamation District No. 2101 Blewett**

	Spring (March - May)	Summer ** (June - August)	Fall (September - November)	Winter ** (December - February)
* Overall LMA Rating (Fall Only)			U	

\*\* 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. 2101 Blewett**

<b>Waterway</b>		<b>Bank</b>	<b>Unit Miles</b>
Unit No. 01 San Joaquin River		Left	3.20

	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			<b>U</b>	
Date of Inspection	5/26/2011 - 5/26/2011		11/2/2011 - 11/2/2011	
DWR Inspector	Jim Eto		Jim Eto	
Accompanied By	Jim Coddington RD 2101		Jim Coddington RD 2101	

Check one:

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

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

**Comments**

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

DWR Summer/Winter Inspection Reports  
3310 El Camino Avenue, Suite 200  
Sacramento, CA 95821-9000


**X**

Signature of LMA Representative

Date

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2011**

**Reclamation District No. 2101 Blewett**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	3.20	11/02/2011 11/02/2011	Jim Eto

LMIR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
1	0.02	1.03	Earthen Levee	Vegetation	LS	A	Remove the wild growth other than native grasses from the levee slopes. Inspector Comments: Fall 2011: Vegetation has been removed to comply with the Framework criteria.	37.657521 ° -121.254203 °	37.641882 ° -121.241083 °	32
2	0.02	1.49	Earthen Levee	Vegetation	WS	A	Remove the wild growth other than native grasses from the levee slopes. Inspector Comments: Fall Inspection 11/02/2011: Vegetation has been removed to comply with the Framework criteria.	37.657521 ° -121.254203 °	37.641882 ° -121.236360 °	2 Y
3	0.13	0.13	Earthen Levee	Animal Control	CR	C	Exterminate rodents and backfill and compact or grout burrows. Inspector Comments: 05/26/2011 Rodents are visible in newly harvested field, burrows are not visible because of vegetation growth on the slopes.	37.657291 ° -121.252605 °	37.657291 ° -121.252605 °	4
4	0.17	0.17	Earthen Levee	Animal Control	CR	M	Exterminate rodents and backfill and compact or grout burrows. Inspector Comments: 05/26/2011 Rodents are visible in newly harvested field, burrows are not visible because of vegetation growth on the slopes.	37.656892 ° -121.252109 °	37.656892 ° -121.252109 °	948
5	0.19	0.19	Earthen Levee	Encroachments	CR	W	Pipe	37.657128 ° -121.251692 °	37.657128 ° -121.251692 °	7 Y
6	0.19	0.30	Earthen Levee	Encroachments	LS	PO	Agricultural Ditch	37.657028 ° -121.251817 °	37.658001 ° -121.250269 °	6
7	0.49	0.49	Earthen Levee	Trim / Thin Trees	WS	C	Trim and thin trees to allow visibility of the ground and room to flood fight. Inspector Comments: Last Fall, Fish & Game stated they would now allow vegetation maintenance on water side. Improvements are being made. 05/26/2011 LMA is not aware of this, it is his understanding that vegetation management is still NOT allowed per DFG on the waterside.	37.660007 ° -121.248065 °	37.660007 ° -121.248065 °	5
8	0.59	0.67	Earthen Levee	Seepage / Sandboils	LS	C	Inspector Comments: 05/26/2011 Picture shows field damaged by water from seepage.	37.660029 ° -121.246400 °	37.659956 ° -121.244706 °	31
9	0.73	0.73	Earthen Levee	Vegetation	WS	M	Remove the wild growth other than native grasses from the levee slopes. Inspector Comments: Wild Rose has been trimmed back some.	37.659856 ° -121.243806 °	37.659856 ° -121.243806 °	9
10	0.76	1.80	Earthen Levee	Encroachments	LS	PO	Agricultural Ditch	37.659827 ° -121.243675 °	37.651049 ° -121.231475 °	944 Y
11	0.76	0.76	Earthen Levee	Trim / Thin Trees	WS	M	Thin trees to allow visibility of the ground and room to flood fight.	37.659723 ° -121.243384 °	37.659723 ° -121.243384 °	10

<b>* Location</b> LS : Land Side WS : Water Side CR : Crown	<b>** Rating</b> 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. 2101 Blewett**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	3.20	11/02/2011 11/02/2011	Jim Eto

LMIR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
12	0.86	0.86	Earthen Levee	Trim / Thin Trees	WS	M	Thin trees to allow visibility of the ground and room to flood fight.	37.658733 ° -121.241944 °	37.658733 ° -121.241944 °	11
13	0.88	0.88	Earthen Levee	Animal Control	LS	M	No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.	37.658663 ° -121.241750 °	37.658663 ° -121.241750 °	3 Y
14	0.91	0.91	Earthen Levee	Trim / Thin Trees	WS	C	Thin trees to allow visibility of the ground and room to flood fight.	37.658432 ° -121.241344 °	37.658432 ° -121.241344 °	12
15	1.03	2.74	Earthen Levee	Vegetation	LS	M	Remove the wild growth other than native grasses from the levee slopes. Inspector Comments: Waterside has been cleared to criteria, landside still needs to be worked on.	37.656771 ° -121.241083 °	37.642043 ° -121.229782 °	15 Y
16	1.35	1.35	Earthen Levee	Vegetation	WS	M	Elderberries are blocking visibility and flood fight capability.	37.653066 ° -121.238162 °	37.653066 ° -121.238162 °	951
17	1.49	2.74	Earthen Levee	Vegetation	WS	M	Remove the wild growth other than native grasses from the levee slopes. Inspector Comments: Crews are on site but have not reached this point yet.	37.651905 ° -121.236360 °	37.642043 ° -121.229781 °	16 Y
18	1.61	1.61	Earthen Levee	Encroachments	WS	W	Pipe Inspector Comments: Pipe penetrates through levee. Closure valve on water side slope.	37.651552 ° -121.234346 °	37.651552 ° -121.234346 °	13 Y
19	1.62	1.84	Earthen Levee	Trim / Thin Trees	WS	M	Thin trees to allow visibility of the ground and room to flood fight.	37.651574 ° -121.234326 °	37.650748 ° -121.230342 °	26 Y
20	1.63	1.63	Earthen Levee	Encroachments	LS	PO	Poles	37.651555 ° -121.234061 °	37.651555 ° -121.234061 °	14

**\* Location**

LS : Land Side  
WS : Water Side  
CR : Crown

**\*\* Rating**

A : Acceptable      PO : Partially Obstructing      N : Not Inspected, see Inspector Comment      C : Corrected  
M : Minimally Acceptable      CO : Completely Obstructing  
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2011**

**Reclamation District No. 2101 Blewett**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	3.20	11/02/2011 11/02/2011	Jim Eto

LMIR No.	Levee Mile		Category	Item	Location *	Rating **	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
21	1.91	2.00	Supplemental	DWR Erosion Survey	WS	U	Inspector Comments: 08/18/2011: Erosion progressed significantly during the past flood season. The levee toe along the erosion site was washed away, and the erosion has cut the levee structure up to the point about 1/3 of the levee slope. The scarp height is approximately 17 feet. Very dense vegetation on the site. Trees visible.  10/19/2010: No significant changes observed on site. Remaining levee berm topsoil is of silty sand mixture. Erosion is near the downstream transition. An eddy has formed, and has scoured away a 100-foot section of the bank, possibly encroaching into the levee prism. Vegetation on site includes willows, oak, and cotton wood located from the bench to the toe. On the landside are rows of corn crop.08/05/2010: Recommended for Repair, per CLRO.2009: Site recommended as annual assessment and monitoring if critical erosion site, per CLRO CES Evaluation 2008 Report; an eddy has formed, eroding bank and intruding into the levee prism; Site # is the same as RM76.3,LM1.89; previously rated "U".08/30/2007: Recommended for short list of immediate repair sites; silty sand levee material. [2011 Site ID:RD2101U01RM73.92]	37.650259 ° -121.228961 °	37.650259 ° -121.228961 °	1 Y
22	1.91	2.00	Earthen Levee	Seepage / Sandboils	LS	A	Inspector Comments: 05/26/2011: LMA reports that seepage was occurring through erosion survey site, causing damage to adjacent field.	37.650259 ° -121.228961 °	37.650259 ° -121.228961 °	8 Y
23	2.06	2.06	Earthen Levee	Animal Control	CR	M	No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.	37.649382 ° -121.226997 °	37.649382 ° -121.226997 °	955 Y
24	2.74	2.74	Earthen Levee	Encroachments	WS	W	Pipe	37.642005 ° -121.229742 °	37.642005 ° -121.229742 °	21 Y
25	2.88	2.88	Earthen Levee	Animal Control	WS	U	No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows. Inspector Comments: Active burrows with squirrels observed. Burrows on both sides of levee.	37.640305 ° -121.230095 °	37.640305 ° -121.230095 °	27 Y
26	2.89	2.89	Earthen Levee	Encroachments	WS	W	Pipe	37.640133 ° -121.230037 °	37.640133 ° -121.230037 °	25 Y
27	2.89	2.89	Earthen Levee	Animal Control	LS	U	No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows. Inspector Comments: Numerous rodent holes throughout levee slope.	37.640134 ° -121.230019 °	37.640134 ° -121.230019 °	28 Y
28	2.91	2.91	Earthen Levee	Erosion / Bank Caving	WS	M	Schedule repair of erosion site prior to the next inspection.	37.639852 ° -121.229980 °	37.639852 ° -121.229980 °	29 Y

<b>* Location</b> LS : Land Side WS : Water Side CR : Crown	<b>** Rating</b> 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. 2101 Blewett**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	3.20	11/02/2011 11/02/2011	Jim Eto

LMIR No.	Levee Mile		Category	Item	* Location	** Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
29	2.91	2.91	Earthen Levee	Encroachments	WS	W	Pipe	37.639824 ° -121.230005 °	37.639824 ° -121.230005 °	24 Y
30	2.95	3.20	Earthen Levee	Encroachments	CR	C	Agricultural tilling Inspector Comments: 05/26/2011 Road is still soft, but is now drivable.	37.639399 ° -121.230384 °	37.637066 ° -121.233780 °	30 Y
31	3.02	3.20	Earthen Levee	Animal Control	LS	U	Inspector Comments: Active burrows with rodents present.	37.638760 ° -121.231341 °	37.638760 ° -121.231341 °	17 Y
32	3.11	3.11	Earthen Levee	Animal Control	CR	U	Inspector Comments: Large burrow in crown rodents present.	37.637943 ° -121.232620 °	37.637943 ° -121.232620 °	18 Y

<p><b>* Location</b>                  LS : Land Side                  WS : Water Side                  CR : Crown</p>	<p><b>** Rating</b>                  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. 2101 Blewett**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	3.20	11/02/2011 11/02/2011	Jim Eto

Levee Mile Report Line	2
Start Levee Mile	0.02
End Levee Mile	1.49
Location	Water Side
Category	Earthen Levee
Item	Vegetation
<p>05/26/2011 Vegetation growth is typical for waterside slopes for the entire length of the unit. LMA has stated that DFG restrictions will not allow him to spray or perform proper vegetation control on the waterside of the levee.</p>	
<p>jeto_f_20110923_441.jpg</p>	



Levee Mile Report Line	2
Start Levee Mile	0.02
End Levee Mile	1.49
Location	Water Side
Category	Earthen Levee
Item	Vegetation
<p>11/02/2011 Photo shows vegetation management.</p>	
<p>jeto_f_20111109_533.jpg</p>	



Levee Mile Report Line	5
Start Levee Mile	0.19
End Levee Mile	0.19
Location	Crown
Category	Earthen Levee
Item	Encroachments
<p>Drainage discharge under levee crown.</p>	
<p>jeto_f_20110923_443.jpg</p>	



<p><b>* Location</b>                      LS : Land Side                      WS : Water Side                      CR : Crown</p>	<p><b>** Rating</b>                      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. 2101 Blewett**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	3.20	11/02/2011 11/02/2011	Jim Eto

Levee Mile Report Line	10
Start Levee Mile	0.76
End Levee Mile	1.80
Location	Land Side
Category	Earthen Levee
Item	Encroachments
Concrete ditch near landside toe.	
jeto_f_20110923_457.jpg	



Levee Mile Report Line	13
Start Levee Mile	0.88
End Levee Mile	0.88
Location	Land Side
Category	Earthen Levee
Item	Animal Control
11/02/2011 Active rodent burrow.	
jeto_f_20111109_535.jpg	



Levee Mile Report Line	15
Start Levee Mile	1.03
End Levee Mile	2.74
Location	Land Side
Category	Earthen Levee
Item	Vegetation
11/02/2011 Typical vegetation on the landside slope for the remainder of the levee. Crews have not reached this point yet. Active crews were working on vegetation control during the inspection.	
jeto_f_20111109_537.jpg	



<p><b>* Location</b></p> <p>LS : Land Side WS : Water Side CR : Crown</p>	<p><b>** Rating</b></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. 2101 Blewett**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	3.20	11/02/2011 11/02/2011	Jim Eto

Levee Mile Report Line	17
Start Levee Mile	1.49
End Levee Mile	2.74
Location	Water Side
Category	Earthen Levee
Item	Vegetation
<p>11/02/2011 Typical vegetation for the remainder of the levee. Crews were performing vegetation control during the inspection.</p>	
<p>jeto_f_20111109_538.jpg</p>	



Levee Mile Report Line	18
Start Levee Mile	1.61
End Levee Mile	1.61
Location	Water Side
Category	Earthen Levee
Item	Encroachments
<p>Photo of pump in background and CMP riser with valve in foreground.</p>	
<p>jeto_f_20110923_445.jpg</p>	



Levee Mile Report Line	19
Start Levee Mile	1.62
End Levee Mile	1.84
Location	Water Side
Category	Earthen Levee
Item	Trim / Thin Trees
<p>Trees on top 20' of waterside slope obstruct access and visibility.</p>	
<p>jeto_f_20110923_449.jpg</p>	



<p><b>* Location</b>                      LS : Land Side                      WS : Water Side                      CR : Crown</p>	<p><b>** Rating</b>                      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. 2101 Blewett**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	3.20	11/02/2011 11/02/2011	Jim Eto

Levee Mile Report Line	21
Start Levee Mile	1.91
End Levee Mile	2.00
Location	Water Side
Category	Supplemental
Item	DWR Erosion Survey

Looking upstream from levee top. The tree at the water edge is the visible starting point of the erosion.

SJR2011\_RD2101U01RM73.92\_1.jpg



Levee Mile Report Line	21
Start Levee Mile	1.91
End Levee Mile	2.00
Location	Water Side
Category	Supplemental
Item	DWR Erosion Survey

A close look at the erosion. The viewing point is about half of the levee slope.

SJR2011\_RD2101U01RM73.92\_2.jpg



Levee Mile Report Line	21
Start Levee Mile	1.91
End Levee Mile	2.00
Location	Water Side
Category	Supplemental
Item	DWR Erosion Survey

Looking downstream at the scour site. The erosion has developed to about 1/3 of the levee slope. The levee toe has been washed away.

SJR2011\_RD2101U01RM73.92\_3.jpg



<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>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. 2101 Blewett**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	3.20	11/02/2011 11/02/2011	Jim Eto

Levee Mile Report Line	21
Start Levee Mile	1.91
End Levee Mile	2.00
Location	Water Side
Category	Supplemental
Item	DWR Erosion Survey
Looking upstream at the scour site. The dense vegetation visible.	
SJR2011_RD2101U01RM73.92_4.jpg	



Levee Mile Report Line	22
Start Levee Mile	1.91
End Levee Mile	2.00
Location	Land Side
Category	Earthen Levee
Item	Seepage / Sandboils
05/26/2011 Field which had crop damage due to sitting water from seepage through erosion site.	
jeto_f_20110923_444.jpg	



Levee Mile Report Line	24
Start Levee Mile	2.74
End Levee Mile	2.74
Location	Water Side
Category	Earthen Levee
Item	Encroachments
Irrigation intake near Maze Blvd.	
jeto_f_20110923_446.jpg	



<b>* Location</b> LS : Land Side WS : Water Side CR : Crown	<b>** Rating</b> 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. 2101 Blewett**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	3.20	11/02/2011 11/02/2011	Jim Eto

Levee Mile Report Line	25
Start Levee Mile	2.88
End Levee Mile	2.88
Location	Water Side
Category	Earthen Levee
Item	Animal Control
Rodent holes on levee slope hidden by vegetation.	
jeto_f_20110923_450.jpg	



Levee Mile Report Line	26
Start Levee Mile	2.89
End Levee Mile	2.89
Location	Water Side
Category	Earthen Levee
Item	Encroachments
Risers on waterside berm and risers along road leading to levee indicate presence of pipe penetration.	
jeto_f_20110923_448.jpg	



Levee Mile Report Line	27
Start Levee Mile	2.89
End Levee Mile	2.89
Location	Land Side
Category	Earthen Levee
Item	Animal Control
Rodent holes on levee slope.	
jeto_f_20110923_451.jpg	



<b>* Location</b> LS : Land Side WS : Water Side CR : Crown	<b>** Rating</b> 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. 2101 Blewett**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	3.20	11/02/2011 11/02/2011	Jim Eto

Levee Mile Report Line	27
Start Levee Mile	2.89
End Levee Mile	2.89
Location	Land Side
Category	Earthen Levee
Item	Animal Control
05/26/2011 Updated photo of animal control issue noted in Fall 2010 inspection, fresh rodent burrow present.	
jeto_f_20110923_452.jpg	



Levee Mile Report Line	27
Start Levee Mile	2.89
End Levee Mile	2.89
Location	Land Side
Category	Earthen Levee
Item	Animal Control
11/02/2011 Numerous burrows on levee slope.	
jeto_f_20111109_543.jpg	



Levee Mile Report Line	28
Start Levee Mile	2.91
End Levee Mile	2.91
Location	Water Side
Category	Earthen Levee
Item	Erosion / Bank Caving
Levee slope is being eroded at this location. Repair needed to preserve access road.	
jeto_f_20110923_453.jpg	



<b>* Location</b> LS : Land Side WS : Water Side CR : Crown	<b>** Rating</b> 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. 2101 Blewett**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	3.20	11/02/2011 11/02/2011	Jim Eto

Levee Mile Report Line	29
Start Levee Mile	2.91
End Levee Mile	2.91
Location	Water Side
Category	Earthen Levee
Item	Encroachments
Drainage discharge to San Joaquin River.	
jeto_f_20110923_447.jpg	



Levee Mile Report Line	31
Start Levee Mile	3.02
End Levee Mile	3.20
Location	Land Side
Category	Earthen Levee
Item	Animal Control
11/02/2011 Numerous burrows present, some already caving in, others are active.	
jeto_f_20111109_544.jpg	



Levee Mile Report Line	31
Start Levee Mile	3.02
End Levee Mile	3.20
Location	Land Side
Category	Earthen Levee
Item	Animal Control
11/02/2011 Many active burrows present.	
jeto_f_20111109_545.jpg	



<b>* Location</b> LS : Land Side WS : Water Side CR : Crown	<b>** Rating</b> 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. 2101 Blewett**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	3.20	11/02/2011 11/02/2011	Jim Eto

Levee Mile Report Line	31
Start Levee Mile	3.02
End Levee Mile	3.20
Location	Land Side
Category	Earthen Levee
Item	Animal Control
11/02/2011 Many burrows present throughout the levee slope.	
jeto_f_20111109_546.jpg	



Levee Mile Report Line	32
Start Levee Mile	3.11
End Levee Mile	3.11
Location	Crown
Category	Earthen Levee
Item	Animal Control
11/02/2011 Large burrow in crown.	
jeto_f_20111109_547.jpg	



<p><b>* Location</b></p> <p>LS : Land Side WS : Water Side CR : Crown</p>	<p><b>** Rating</b></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. 2101 Blewett**

Waterway	Bank	Unit Miles
Unit No. 02 San Joaquin River (Spur Levee)	Right	0.31

	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			<b>A</b>	
Date of Inspection	5/26/2011 - 5/26/2011		11/2/2011 - 11/2/2011	
DWR Inspector	Jim Eto		Jim Eto	
Accompanied By	Jim Coddington RD 2101		Jim Coddington RD 2101	

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. 2101 Blewett**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 San Joaquin River (Spur Levee)	Right	0.31	11/02/2011 11/02/2011	Jim Eto

LMR No.	Levee Mile		Category	Item	Location *	Rating **	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
1	0.00	0.30	Earthen Levee	Vegetation	WS	C	Remove the wild growth other than native grasses from the levee slopes.	37.659774 ° -121.243522 °	37.663866 ° -121.242869 °	1
2	0.00	0.30	Earthen Levee	Vegetation	LS	C	Remove the wild growth other than native grasses from the levee slopes.	37.659774 ° -121.243522 °	37.663866 ° -121.242869 °	3
3	0.31	0.31	Earthen Levee	Erosion / Bank Caving	WS	M	Schedule repair of erosion site prior to the next inspection. Inspector Comments: At the end of this spur two rivers converge and due to past high water events a large scour hole has been formed. It is now filled in with vegetation. The next HW event could further scour this large hole. 05/26/2011 scour hole still present, no change,	37.663998 ° -121.242925 °	37.663998 ° -121.242925 °	2 Y

<p><b>* Location</b>                  LS : Land Side                  WS : Water Side                  CR : Crown</p>	<p><b>** Rating</b>                  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. 2101 Blewett**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 San Joaquin River (Spur Levee)	Right	0.31	11/02/2011 11/02/2011	Jim Eto

Levee Mile Report Line	3
Start Levee Mile	0.31
End Levee Mile	0.31
Location	Water Side
Category	Earthen Levee
Item	Erosion / Bank Caving
<p>11/02/2011 Updated photo of the scouring occurring at the end of the spur levee.</p>	
<p>jeto_f_20111109_534.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      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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