

**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

RD1602	Overall LMA Rating	Total LMA Miles				
Reclamation District No. 1602 Del Puerto	U	6.29				
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	Encroachments	
					PO Miles	CO Miles
<i>Earthen Levee</i>						
Vegetation	4.54		4.54	72.18%		
Trim / Thin Trees	0.03		0.03	0.48%		
Encroachments	0.05		0.05	0.80%	2.96	
Animal Control	0.29		0.29	4.61%		
Slope Stability	0.04		0.04	0.64%		
<i>Interior Drainage & Piping Systems</i>						
Encroachments	0.01		0.01	0.16%		
Flap Gates	0.01		0.01	0.16%		
Concrete Tilting / Settlement	0.01		0.01	0.16%		
LMA Totals:	4.98	0.00	4.98	79.17%	2.96	0.00

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

Reclamation District No. 1602 Del Puerto

	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. 1602 Del Puerto

Waterway			Bank	Unit Miles
Unit No. 01 San Joaquin River			Left	6.29
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			U	
Date of Inspection	5/24/2011 - 5/24/2011		9/27/2011 - 9/27/2011	
DWR Inspector	Pavel Kazi		Pavel Kazi	
Accompanied By	Tony Martinez RD 1602		Tony Martinez RD1602	

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. 1602 Del Puerto

Waterway					Bank	Unit Miles	Inspection Start/End	Inspector	
Unit No. 01 San Joaquin River					Left	6.29	09/27/2011 09/27/2011	Pavel Kazi	

LMR No.	Levee Mile		Category	Item	Location *	Rating **	Action/Comment	GPS Latitude/Longitude		Issue No.
	Start	End						Start	End	Photo
1	0.00	0.11	Earthen Levee	Encroachments	CR	PO	Buildings Inspector Comments: Animal pens across levee crown	37.476560 ° -121.083862 °	37.477295 ° -121.082087 °	1 Y
2	0.15	0.27	Earthen Levee	Vegetation	WS	M	Remove the wild growth other than native grasses from the levee slopes.	37.477346 ° -121.081467 °	37.478221 ° -121.079559 °	2 Y
3	0.17	0.17	Earthen Levee	Animal Control	WS	M	No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.	37.477477 ° -121.081179 °	37.477477 ° -121.081179 °	19 Y
4	0.32	0.32	Earthen Levee	Animal Control	WS	M	No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.	37.478555 ° -121.078851 °	37.478555 ° -121.078851 °	21 Y
5	0.37	0.37	Earthen Levee	Animal Control	WS	M	No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.	37.478881 ° -121.078131 °	37.478881 ° -121.078131 °	23 Y
6	0.45	0.45	Earthen Levee	Animal Control	WS	M	No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.	37.479507 ° -121.076767 °	37.479507 ° -121.076767 °	28 Y
7	0.56	0.56	Earthen Levee	Animal Control	WS	M	Exterminate rodents and backfill and compact or grout burrows.	37.480210 ° -121.074953 °	37.480210 ° -121.074953 °	5 Y
8	0.59	0.59	Earthen Levee	Animal Control	WS	M	Exterminate rodents and backfill and compact or grout burrows.	37.480117 ° -121.074687 °	37.480117 ° -121.074687 °	3 Y
9	0.60	0.60	Earthen Levee	Animal Control	WS	M	Exterminate rodents and backfill and compact or grout burrows.	37.479968 ° -121.074583 °	37.479968 ° -121.074583 °	4 Y
10	0.60	0.72	Earthen Levee	Encroachments	WS	PO	Fences Inspector Comments: Barbed wire fence along the landward toe.	37.479967 ° -121.074582 °	37.478514 ° -121.073435 °	70 Y
11	0.67	0.67	Earthen Levee	Animal Control	WS	M	Exterminate rodents and backfill and compact or grout burrows.	37.479030 ° -121.073909 °	37.479030 ° -121.073909 °	29 Y
12	0.68	0.68	Earthen Levee	Animal Control	WS	M	Exterminate rodents and backfill and compact or grout burrows.	37.478919 ° -121.073833 °	37.478919 ° -121.073833 °	30 Y
13	0.69	0.69	Earthen Levee	Animal Control	LS	M	Exterminate rodents and backfill and compact or grout burrows.	37.478788 ° -121.073740 °	37.478788 ° -121.073740 °	31 Y
14	0.71	0.71	Earthen Levee	Animal Control	WS	M	Exterminate rodents and backfill and compact or grout burrows.	37.478629 ° -121.073590 °	37.478629 ° -121.073590 °	32 Y
15	0.78	0.78	Earthen Levee	Animal Control	WS	M	No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.	37.478011 ° -121.072617 °	37.478011 ° -121.072617 °	6 Y
16	0.78	0.78	Interior Drainage & Piping Systems	Flap Gates	WS	M	Inspector Comments: Sediment has built up at the pipe outlet preventing the flap gate from closing.	37.477965 ° -121.072595 °	37.477965 ° -121.072595 °	72 Y
17	0.99	0.99	Earthen Levee	Encroachments	WS	PO	Ramp	37.478719 ° -121.069072 °	37.478719 ° -121.069072 °	36 Y

*** 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
U : Unacceptable W : Watch/Monitor

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2011

Reclamation District No. 1602 Del Puerto

Waterway							Bank	Unit Miles	Inspection Start/End	Inspector	
Unit No. 01 San Joaquin River							Left	6.29	09/27/2011 09/27/2011	Pavel Kazi	
LMR No.	Levee Mile		Category	Item	Location *	Rating **	Action/Comment	GPS Latitude/Longitude		Issue No.	
	Start	End						Start	End	Photo	
18	1.02	1.02	Interior Drainage & Piping Systems	Encroachments	WS	M	Inspector Comments: Installation is incorrect and type of pipe (PVC)	37.478838 ° -121.068707 °	37.478838 ° -121.068707 °	9 Y	
19	1.04	1.04	Interior Drainage & Piping Systems	Concrete Tilting / Settlement	WS	M	Inspector Comments: The outlet headwall is tilting away from the pipe rendering the existing flap gate ineffective. Repair gap between pipe and headwall and stabilize headwall to prevent further damage.	37.478678 ° -121.068305 °	37.478678 ° -121.068305 °	55 Y	
20	1.07	1.34	Earthen Levee	Vegetation	WS	M	Remove the wild growth other than native grasses from the levee slopes.	37.478547 ° -121.067732 °	37.479324 ° -121.063338 °	35 Y	
21	1.07	1.07	Earthen Levee	Slope Stability	WS	M	Repair slope instability. Inspector Comments: small amount of slumping at waterside toe of the levee.	37.478567 ° -121.067847 °	37.478567 ° -121.067847 °	37 Y	
22	1.10	1.10	Earthen Levee	Animal Control	WS	M	Exterminate rodents and backfill and compact or grout burrows.	37.478454 ° -121.067209 °	37.478454 ° -121.067209 °	8 Y	
23	1.13	1.13	Earthen Levee	Animal Control	LS	M	Exterminate rodents and backfill and compact or grout burrows.	37.478331 ° -121.066705 °	37.478331 ° -121.066705 °	7 Y	
24	1.16	1.16	Earthen Levee	Animal Control	WS	C	Exterminate rodents and backfill and compact or grout burrows.	37.478274 ° -121.066114 °	37.478274 ° -121.066114 °	18	
25	1.32	1.32	Earthen Levee	Animal Control	WS	C	No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.	37.479265 ° -121.063560 °	37.479265 ° -121.063560 °	20	
26	1.36	1.36	Earthen Levee	Encroachments	WS	M	Debris Inspector Comments: It appears to be a refrigerator is located on waterside of the levee.	37.479272 ° -121.062992 °	37.479272 ° -121.062992 °	38 Y	
27	1.46	1.46	Earthen Levee	Animal Control	WS	M	No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.	37.478943 ° -121.060987 °	37.478943 ° -121.060987 °	10 Y	
28	1.52	2.41	Earthen Levee	Vegetation	WS	M	Remove the wild growth other than native grasses from the levee slopes.	37.478554 ° -121.060139 °	37.470435 ° -121.052208 °	40 Y	
29	1.62	2.29	Earthen Levee	Encroachments	LS	PO	Fences Inspector Comments: Fences at the landside toe of the levee.	37.477663 ° -121.058716 °	37.470264 ° -121.054377 °	43 Y	
30	1.62	1.62	Earthen Levee	Animal Control	LS	M	No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.	37.477661 ° -121.058715 °	37.477661 ° -121.058715 °	44 Y	
31	1.82	1.82	Earthen Levee	Animal Control	LS	M	Exterminate rodents and backfill and compact or grout burrows.	37.474997 ° -121.057959 °	37.474997 ° -121.057959 °	58	
32	1.94	1.94	Earthen Levee	Animal Control	WS	M	No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.	37.473189 ° -121.057893 °	37.473189 ° -121.057893 °	27 Y	

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

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U : Unacceptable W : Watch/Monitor

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2011

Reclamation District No. 1602 Del Puerto

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	6.29	09/27/2011 09/27/2011	Pavel Kazi

LMR No.	Levee Mile		Category	Item	Location *	Rating **	Action/Comment	GPS Latitude/Longitude		Issue No.
	Start	End						Start	End	
33	2.03	2.03	Earthen Levee	Encroachments	LS	M	Equipment Inspector Comments: A well is present at the toe of the landside of the slope.	37.471734 ° -121.057670 °	37.471734 ° -121.057670 °	45 Y
34	2.06	2.06	Earthen Levee	Animal Control	LS	C	No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows. Inspector Comments: Gopher holes	37.471561 ° -121.057563 °	37.471561 ° -121.057563 °	11
35	2.08	2.08	Earthen Levee	Animal Control	WS	M	No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.	37.471306 ° -121.057420 °	37.471306 ° -121.057420 °	39 Y
36	2.12	2.17	Earthen Levee	Animal Control	LS	C	No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.	37.470834 ° -121.057120 °	37.470356 ° -121.056330 °	33
37	2.24	3.45	Earthen Levee	Encroachments	LS	PO	Agricultural Ditch Inspector Comments: Concrete ditch before the levee was built.	37.470119 ° -121.055117 °	37.459606 ° -121.043240 °	59 Y
38	2.49	2.49	Earthen Levee	Animal Control	WS	M	No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.	37.469907 ° -121.050834 °	37.469907 ° -121.050834 °	46 Y
39	2.49	2.49	Earthen Levee	Animal Control	WS	M	No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.	37.469899 ° -121.050797 °	37.469899 ° -121.050797 °	12 Y
40	2.62	2.78	Earthen Levee	Vegetation	LS	M	Remove the wild growth other than native grasses from the levee slopes.	37.468886 ° -121.048925 °	37.467268 ° -121.046934 °	47 Y
41	2.83	3.58	Earthen Levee	Vegetation	WS	M	Remove the wild growth other than native grasses from the levee slopes.	37.466745 ° -121.046257 °	37.458120 ° -121.044259 °	48 Y
42	3.13	3.32	Earthen Levee	Vegetation	LS	M	Remove the wild growth other than native grasses from the levee slopes.	37.463500 ° -121.042699 °	37.461243 ° -121.041713 °	49 Y
43	3.49	3.56	Earthen Levee	Encroachments	WS	PO	Agricultural Ditch Inspector Comments: A ditch is located on waterside toe of the levee.	37.459220 ° -121.043611 °	37.458373 ° -121.044081 °	50 Y
44	3.73	3.73	Earthen Levee	Trim / Thin Trees	LS	A	Trim trees to at least five feet above ground level.	37.456063 ° -121.044150 °	37.456063 ° -121.044150 °	34 Y
45	3.78	3.78	Earthen Levee	Encroachments	WS	M	Firewood	37.455338 ° -121.043734 °	37.455338 ° -121.043734 °	52 Y
46	3.80	3.80	Earthen Levee	Animal Control	WS	M	Exterminate rodents and backfill and compact or grout burrows.	37.455238 ° -121.043635 °	37.455238 ° -121.043635 °	83
47	3.82	4.25	Earthen Levee	Vegetation	WS	M	Remove the wild growth other than native grasses from the levee slopes.	37.454925 ° -121.043406 °	37.449804 ° -121.039091 °	56
48	3.83	3.83	Earthen Levee	Encroachments	LS	M	Garbage	37.454872 ° -121.043370 °	37.454872 ° -121.043370 °	15 Y
49	3.85	3.85	Earthen Levee	Encroachments	LS	PO	Landscaping	37.454574 ° -121.043142 °	37.454574 ° -121.043142 °	42 Y

* 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. 1602 Del Puerto

Waterway						Bank	Unit Miles	Inspection Start/End	Inspector	
Unit No. 01 San Joaquin River						Left	6.29	09/27/2011 09/27/2011	Pavel Kazi	
LMR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No.
	Start	End						Start	End	Photo
50	3.96	3.96	Earthen Levee	Slope Stability	LS	M	Repair the levee slope damaged by vehicle traffic and prevent access where possible. Inspector Comments: Significant damage to USACE constructed seepage berm due to human activity.	37.453216 ° -121.042127 °	37.453216 ° -121.042127 °	62 Y
51	3.97	4.07	Earthen Levee	Encroachments	LS	PO	Fences	37.452983 ° -121.042301 °	37.451866 ° -121.041206 °	63 Y
52	3.99	3.99	Earthen Levee	Animal Control	WS	M	Exterminate rodents and backfill and compact or grout burrows.	37.452805 ° -121.041769 °	37.452805 ° -121.041769 °	16 Y
53	4.04	4.04	Earthen Levee	Animal Control	WS	M	Exterminate rodents and backfill and compact or grout burrows.	37.452248 ° -121.041483 °	37.452248 ° -121.041483 °	51 Y
54	4.13	4.25	Earthen Levee	Vegetation	LS	M	Remove the wild growth other than native grasses from the levee slopes.	37.451286 ° -121.040333 °	37.449803 ° -121.039093 °	65 Y
55	4.15	4.15	Earthen Levee	Animal Control	WS	M	No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.	37.451051 ° -121.040109 °	37.451051 ° -121.040109 °	17 Y
56	4.23	4.23	Earthen Levee	Animal Control	LS	M	No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.	37.450142 ° -121.039397 °	37.450142 ° -121.039397 °	53
57	4.23	4.29	Earthen Levee	Animal Control	LS	C	No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.	37.450114 ° -121.039316 °	37.449388 ° -121.038810 °	87
58	4.38	4.44	Earthen Levee	Animal Control	WS	C	Exterminate rodents and backfill and compact or grout burrows.	37.448191 ° -121.038090 °	37.447408 ° -121.037651 °	89
59	4.45	4.92	Earthen Levee	Encroachments	LS	PO	Fences	37.447213 ° -121.037665 °	37.441014 ° -121.036932 °	67 Y
60	4.45	4.45	Earthen Levee	Animal Control	WS	A	No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows. Inspector Comments: No rodent holes were found at the waterside of the levee.	37.447214 ° -121.037665 °	37.447214 ° -121.037665 °	66 Y
61	4.49	4.49	Earthen Levee	Crown Surface / Depressions / Rutting	CR	C	Regrade the crown roadway for proper drainage.	37.446663 ° -121.037915 °	37.446663 ° -121.037915 °	57
62	4.50	4.66	Earthen Levee	Encroachments	LS	PO	Agricultural Ditch	37.446485 ° -121.038037 °	37.444290 ° -121.037953 °	64
63	4.70	4.92	Earthen Levee	Vegetation	LS	M	Remove the wild growth other than native grasses from the levee slopes.	37.443736 ° -121.037905 °	37.441033 ° -121.036932 °	68 Y
64	4.72	4.72	Earthen Levee	Animal Control	LS	M	Exterminate rodents and backfill and compact or grout burrows.	37.443481 ° -121.037736 °	37.443481 ° -121.037736 °	13 Y
65	4.81	4.81	Earthen Levee	Encroachments	LS	M	Debris Inspector Comments: A broken tree trunk is found on the landside of the levee.	37.442369 ° -121.036911 °	37.442369 ° -121.036911 °	69 Y

*** Location**

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**** Rating**

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2011

Reclamation District No. 1602 Del Puerto

Waterway						Bank	Unit Miles	Inspection Start/End	Inspector	
Unit No. 01 San Joaquin River						Left	6.29	09/27/2011 09/27/2011	Pavel Kazi	
LMR No.	Levee Mile		Category	Item	Location *	Rating **	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
66	4.92	4.92	Earthen Levee	Trim / Thin Trees	LS	M	Trim and thin trees to allow visibility of the ground and room to flood fight.	37.440953 ° -121.036977 °	37.440953 ° -121.036977 °	14 Y
67	4.98	5.14	Earthen Levee	Vegetation	LS	M	Remove the wild growth other than native grasses from the levee slopes.	37.440250 ° -121.037404 °	37.438034 ° -121.037057 °	71 Y
68	4.98	5.24	Earthen Levee	Vegetation	WS	M	Remove the wild growth other than native grasses from the levee slopes.	37.439787 ° -121.037561 °	37.436637 ° -121.036477 °	73 Y
69	5.22	5.22	Earthen Levee	Vegetation	LS	C	Remove the wild growth other than native grasses from the levee slopes.	37.436699 ° -121.036593 °	37.436699 ° -121.036593 °	54
70	5.25	5.25	Earthen Levee	Animal Control	LS	M	No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows. Inspector Comments: Possible dog made the rodent hole worse than before.	37.436503 ° -121.036374 °	37.436503 ° -121.036374 °	24 Y
71	5.28	5.51	Earthen Levee	Vegetation	LS	M	Remove the wild growth other than native grasses from the levee slopes.	37.436193 ° -121.036114 °	37.433558 ° -121.033717 °	74
72	5.30	5.89	Earthen Levee	Vegetation	LS	M	Remove the wild growth other than native grasses from the levee slopes.	37.435967 ° -121.035802 °	37.433134 ° -121.027017 °	26
73	5.31	5.31	Earthen Levee	Trim / Thin Trees	WS	M	Trim and thin trees to allow visibility of the ground and room to flood fight.	37.435867 ° -121.035649 °	37.435867 ° -121.035649 °	101
74	5.34	5.34	Earthen Levee	Slope Stability	LS	M	Repair slope instability.	37.435533 ° -121.035371 °	37.435533 ° -121.035371 °	102 Y
75	5.34	5.34	Earthen Levee	Animal Control	LS	M	Exterminate rodents and backfill and compact or grout burrows.	37.435529 ° -121.035314 °	37.435529 ° -121.035314 °	60
76	5.36	5.36	Earthen Levee	Vegetation	LS	M	Remove the wild growth other than native grasses from the levee slopes.	37.435236 ° -121.035271 °	37.435236 ° -121.035271 °	61 Y
77	5.38	5.38	Earthen Levee	Trim / Thin Trees	LS	M	Trim trees to at least five feet above ground level.	37.434953 ° -121.035183 °	37.434953 ° -121.035183 °	25 Y
78	5.40	5.40	Earthen Levee	Slope Stability	LS	M	Repair slope instability.	37.434699 ° -121.035063 °	37.434699 ° -121.035063 °	105 Y
79	5.40	5.54	Earthen Levee	Vegetation	WS	M	Remove the wild growth other than native grasses from the levee slopes.	37.434619 ° -121.035031 °	37.433277 ° -121.033318 °	75
80	5.51	5.54	Earthen Levee	Encroachments	LS	PO	Fences	37.433482 ° -121.033616 °	37.433299 ° -121.033338 °	22

*** 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
U : Unacceptable W : Watch/Monitor

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2011

Reclamation District No. 1602 Del Puerto

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	6.29	09/27/2011 09/27/2011	Pavel Kazi

Levee Mile Report Line	1
Start Levee Mile	0.00
End Levee Mile	0.11
Location	Crown
Category	Earthen Levee
Item	Encroachments

Looking at animal pens on crown of levee from LM 0.00 to 0.11

pkazi_f_20110923_035.jpg



Levee Mile Report Line	2
Start Levee Mile	0.15
End Levee Mile	0.27
Location	Water Side
Category	Earthen Levee
Item	Vegetation

View of the vegetation on the waterside of the levee. The picture was taken from the crown looking upstream.

pkazi_f_20111102_096.jpg



Levee Mile Report Line	3
Start Levee Mile	0.17
End Levee Mile	0.17
Location	Water Side
Category	Earthen Levee
Item	Animal Control

Rodent hole was found on the waterside of the slope. The picture was taken from the crown looking toward waterside of the slope.

pkazi_f_20111102_097.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

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2011

Reclamation District No. 1602 Del Puerto

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	6.29	09/27/2011 09/27/2011	Pavel Kazi

Levee Mile Report Line	4
Start Levee Mile	0.32
End Levee Mile	0.32
Location	Water Side
Category	Earthen Levee
Item	Animal Control

A rodent hole was found on the waterside of the slope. The picture was taken from the toe looking toward the crown.

pkazi_f_20111102_098.jpg



Levee Mile Report Line	5
Start Levee Mile	0.37
End Levee Mile	0.37
Location	Water Side
Category	Earthen Levee
Item	Animal Control

Rodent holes were found on the waterside of the slope. The picture was taken from the toe looking towards the crown of the levee.

pkazi_f_20111102_099.jpg



Levee Mile Report Line	6
Start Levee Mile	0.45
End Levee Mile	0.45
Location	Water Side
Category	Earthen Levee
Item	Animal Control

A rodent hole was found on the waterside of the slope. The picture was taken from the toe of the levee looking towards the crown.

pkazi_f_20111102_100.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

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2011

Reclamation District No. 1602 Del Puerto

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	6.29	09/27/2011 09/27/2011	Pavel Kazi

Levee Mile Report Line	7
Start Levee Mile	0.56
End Levee Mile	0.56
Location	Water Side
Category	Earthen Levee
Item	Animal Control

View of rodent holes on the waterward slope looking waterward.

pkazi_f_20110923_038.jpg



Levee Mile Report Line	8
Start Levee Mile	0.59
End Levee Mile	0.59
Location	Water Side
Category	Earthen Levee
Item	Animal Control

Rodent holes were found on the waterside of the levee. The picture was taken from the toe of waterside of the levee looking upstream.

pkazi_f_20110923_036.jpg



Levee Mile Report Line	8
Start Levee Mile	0.59
End Levee Mile	0.59
Location	Water Side
Category	Earthen Levee
Item	Animal Control

Pictures of the rodent holes on the waterside of the slope looking towards the crown. The picture was taken during Fall 2011 inspection.

pkazi_f_20111102_101.jpg



*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

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M : Minimally Acceptable
U : Unacceptable

PO : Partially Obstructing
CO : Completely Obstructing
W : Watch/Monitor

N : Not Inspected, see Inspector Comment C : Corrected

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2011

Reclamation District No. 1602 Del Puerto

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	6.29	09/27/2011 09/27/2011	Pavel Kazi

Levee Mile Report Line	9
Start Levee Mile	0.60
End Levee Mile	0.60
Location	Water Side
Category	Earthen Levee
Item	Animal Control

Rodent holes were found on the waterside of the levee. The picture was taken from the toe of the waterside of the levee looking upstream.

pkazi_f_20110923_037.jpg



Levee Mile Report Line	10
Start Levee Mile	0.60
End Levee Mile	0.72
Location	Water Side
Category	Earthen Levee
Item	Encroachments

View of barbed wire fence at landward toe looking upstream.

pkazi_f_20110923_066.jpg



Levee Mile Report Line	11
Start Levee Mile	0.67
End Levee Mile	0.67
Location	Water Side
Category	Earthen Levee
Item	Animal Control

The rodent holes were found on the waterside of the levee. The picture was taken from toe looking towards the crown.

pkazi_f_20111103_102.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

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2011

Reclamation District No. 1602 Del Puerto

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	6.29	09/27/2011 09/27/2011	Pavel Kazi

Levee Mile Report Line	12
Start Levee Mile	0.68
End Levee Mile	0.68
Location	Water Side
Category	Earthen Levee
Item	Animal Control
Animal burrow was found on the waterside shoulder of the levee. The picture was taken from the toe looking towards the crown.	
pkazi_f_20111103_103.jpg	



Levee Mile Report Line	13
Start Levee Mile	0.69
End Levee Mile	0.69
Location	Land Side
Category	Earthen Levee
Item	Animal Control
Animal burrow was found on the landside of the levee. The picture was taken from the toe of the levee looking upstream.	
pkazi_f_20111103_104.jpg	



Levee Mile Report Line	14
Start Levee Mile	0.71
End Levee Mile	0.71
Location	Water Side
Category	Earthen Levee
Item	Animal Control
Rodent holes were found on the waterside of the levee. The picture was taken from toe of the levee looking upstream.	
pkazi_f_20111103_105.jpg	

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

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CO : Completely Obstructing
W : Watch/Monitor

N : Not Inspected, see Inspector Comment C : Corrected

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2011

Reclamation District No. 1602 Del Puerto

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	6.29	09/27/2011 09/27/2011	Pavel Kazi

Levee Mile Report Line	15
Start Levee Mile	0.78
End Levee Mile	0.78
Location	Water Side
Category	Earthen Levee
Item	Animal Control

Animal burrow was found on the waterside of the levee. The picture was taken from the toe of the levee looking downstream.

pkazi_f_20111103_106.jpg



Levee Mile Report Line	16
Start Levee Mile	0.78
End Levee Mile	0.78
Location	Water Side
Category	Interior Drainage & Piping Systems
Item	Flap Gates

View of a flap gate with sediment preventing it from closing.

pkazi_f_20110923_067.jpg



Levee Mile Report Line	16
Start Levee Mile	0.78
End Levee Mile	0.78
Location	Water Side
Category	Interior Drainage & Piping Systems
Item	Flap Gates

Debris and sediments were obstructing the flap gate. The picture was taken from toe of waterside of the levee looking towards the crown. This picture was taken during Fall 2011 inspection.

pkazi_f_20111103_107.jpg



*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

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W : Watch/Monitor

N : Not Inspected, see Inspector Comment C : Corrected

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2011

Reclamation District No. 1602 Del Puerto

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	6.29	09/27/2011 09/27/2011	Pavel Kazi

Levee Mile Report Line	17
Start Levee Mile	0.99
End Levee Mile	0.99
Location	Water Side
Category	Earthen Levee
Item	Encroachments

View of the ramp on the crown. The picture was taken from crown looking downstream.

pkazi_f_20111103_108.jpg



Levee Mile Report Line	18
Start Levee Mile	1.02
End Levee Mile	1.02
Location	Water Side
Category	Interior Drainage & Piping Systems
Item	Encroachments

PVC sleeve through steel pipe on waterward slope at LM 1.02

pkazi_f_20110923_040.jpg



Levee Mile Report Line	18
Start Levee Mile	1.02
End Levee Mile	1.02
Location	Water Side
Category	Interior Drainage & Piping Systems
Item	Encroachments

PVC pipe connected to steel pipe on landward toe at LM 1.02

pkazi_f_20110923_041.jpg



*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
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PO : Partially Obstructing
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W : Watch/Monitor

N : Not Inspected, see Inspector Comment C : Corrected

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2011

Reclamation District No. 1602 Del Puerto

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	6.29	09/27/2011 09/27/2011	Pavel Kazi

Levee Mile Report Line	19
Start Levee Mile	1.04
End Levee Mile	1.04
Location	Water Side
Category	Interior Drainage & Piping Systems
Item	Concrete Tilting / Settlement

Separation of outfall structure from the outlet pipe at LM 1.04.

pkazi_f_20110923_059.jpg



Levee Mile Report Line	19
Start Levee Mile	1.04
End Levee Mile	1.04
Location	Water Side
Category	Interior Drainage & Piping Systems
Item	Concrete Tilting / Settlement

Additional view of outfall structure at LM 1.04.

pkazi_f_20110923_060.jpg



Levee Mile Report Line	20
Start Levee Mile	1.07
End Levee Mile	1.34
Location	Water Side
Category	Earthen Levee
Item	Vegetation

Wild grown vegetation was found on the waterside slope of the levee. The picture was taken from the crown looking downstream.

pkazi_f_20111103_110.jpg



*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

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W : Watch/Monitor

N : Not Inspected, see Inspector Comment C : Corrected

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2011

Reclamation District No. 1602 Del Puerto

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	6.29	09/27/2011 09/27/2011	Pavel Kazi

Levee Mile Report Line	21
Start Levee Mile	1.07
End Levee Mile	1.07
Location	Water Side
Category	Earthen Levee
Item	Slope Stability

small amount of slumping at water toe

pkazi_f_20110923_054.JPG



Levee Mile Report Line	21
Start Levee Mile	1.07
End Levee Mile	1.07
Location	Water Side
Category	Earthen Levee
Item	Slope Stability

Depression at the waterside slope of the levee during Spring 2011 inspection.

pkazi_f_20110923_055.jpg



Levee Mile Report Line	21
Start Levee Mile	1.07
End Levee Mile	1.07
Location	Water Side
Category	Earthen Levee
Item	Slope Stability

Updated picture of the depression at the waterside toe of the levee. The picture was taken from the crown of the levee looking upstream.

pkazi_f_20111103_109.jpg



*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
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PO : Partially Obstructing
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W : Watch/Monitor

N : Not Inspected, see Inspector Comment C : Corrected

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2011

Reclamation District No. 1602 Del Puerto

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	6.29	09/27/2011 09/27/2011	Pavel Kazi

Levee Mile Report Line	22
Start Levee Mile	1.10
End Levee Mile	1.10
Location	Water Side
Category	Earthen Levee
Item	Animal Control

Rodent hole was found on the waterside of the levee. The picture was taken from waterside looking upstream.

pkazi_f_20110923_039.jpg



Levee Mile Report Line	23
Start Levee Mile	1.13
End Levee Mile	1.13
Location	Land Side
Category	Earthen Levee
Item	Animal Control

Animal burrow was found on the landside of the levee. The picture was taken from the toe of the levee looking upstream.

pkazi_f_20111103_111.jpg



Levee Mile Report Line	26
Start Levee Mile	1.36
End Levee Mile	1.36
Location	Water Side
Category	Earthen Levee
Item	Encroachments

An abandon equipment was found on waterside slope of the levee. The picture was taken from the crown looking upstream.

pkazi_f_20111103_112.jpg



*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

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W : Watch/Monitor

N : Not Inspected, see Inspector Comment C : Corrected

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2011

Reclamation District No. 1602 Del Puerto

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	6.29	09/27/2011 09/27/2011	Pavel Kazi

Levee Mile Report Line	27
Start Levee Mile	1.46
End Levee Mile	1.46
Location	Water Side
Category	Earthen Levee
Item	Animal Control

Rodent hole on the waterside of the levee. The picture was taken from the crown looking upstream.

pkazi_f_20110923_042.jpg



Levee Mile Report Line	28
Start Levee Mile	1.52
End Levee Mile	2.41
Location	Water Side
Category	Earthen Levee
Item	Vegetation

View of the wild grown vegetation on the waterside of the levee. The picture was taken from crown looking towards the toe.

pkazi_f_20111103_113.jpg



Levee Mile Report Line	29
Start Levee Mile	1.62
End Levee Mile	2.29
Location	Land Side
Category	Earthen Levee
Item	Encroachments

View of the fence on the landside toe of the levee. The picture was taken from crown looking upstream.

pkazi_f_20111103_114.jpg



*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

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W : Watch/Monitor

N : Not Inspected, see Inspector Comment C : Corrected

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2011

Reclamation District No. 1602 Del Puerto

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	6.29	09/27/2011 09/27/2011	Pavel Kazi

Levee Mile Report Line	30
Start Levee Mile	1.62
End Levee Mile	1.62
Location	Land Side
Category	Earthen Levee
Item	Animal Control

Animal burrows were found on the landside of the levee. The picture was taken from the toe of the levee looking upstream.

pkazi_f_20111103_115.jpg



Levee Mile Report Line	32
Start Levee Mile	1.94
End Levee Mile	1.94
Location	Water Side
Category	Earthen Levee
Item	Animal Control

Rodent holes were found on the waterside of the levee. The picture was taken from crown of the levee looking upstream.

pkazi_f_20111103_116.jpg



Levee Mile Report Line	33
Start Levee Mile	2.03
End Levee Mile	2.03
Location	Land Side
Category	Earthen Levee
Item	Encroachments

An well is located at the landside toe of the levee. The picture was taken from the crown looking toward the landside of the levee.

pkazi_f_20111103_117.jpg



*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
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W : Watch/Monitor

N : Not Inspected, see Inspector Comment C : Corrected

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2011

Reclamation District No. 1602 Del Puerto

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	6.29	09/27/2011 09/27/2011	Pavel Kazi

Levee Mile Report Line	35
Start Levee Mile	2.08
End Levee Mile	2.08
Location	Water Side
Category	Earthen Levee
Item	Animal Control
Gopher holes on the waterside of the levee. The picture was taken from the crown looking upstream.	
pkazi_f_20110923_056.jpg	



Levee Mile Report Line	37
Start Levee Mile	2.24
End Levee Mile	3.45
Location	Land Side
Category	Earthen Levee
Item	Encroachments
Concrete drain was built at the toe of the levee. The picture was taken from the crown looking upstream.	
pkazi_f_20110923_062.jpg	



Levee Mile Report Line	38
Start Levee Mile	2.49
End Levee Mile	2.49
Location	Water Side
Category	Earthen Levee
Item	Animal Control
Animal burrow was found on the waterside of the levee. The picture was taken from the toe of the levee looking upstream.	
pkazi_f_20111103_118.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

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2011

Reclamation District No. 1602 Del Puerto

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	6.29	09/27/2011 09/27/2011	Pavel Kazi

Levee Mile Report Line	39
Start Levee Mile	2.49
End Levee Mile	2.49
Location	Water Side
Category	Earthen Levee
Item	Animal Control

Rodent holes were found on the waterside of the levee. The picture was taken from the crown looking upstream.

pkazi_f_20110923_044.jpg



Levee Mile Report Line	40
Start Levee Mile	2.62
End Levee Mile	2.78
Location	Land Side
Category	Earthen Levee
Item	Vegetation

View of the wild growth on the landside slope of the levee. The picture was taken from the crown looking upstream.

pkazi_f_20111103_119.jpg



Levee Mile Report Line	41
Start Levee Mile	2.83
End Levee Mile	3.58
Location	Water Side
Category	Earthen Levee
Item	Vegetation

Wild growth was found on the waterside of the levee. The picture was taken from the crown looking upstream.

pkazi_f_20111103_120.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

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2011

Reclamation District No. 1602 Del Puerto

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	6.29	09/27/2011 09/27/2011	Pavel Kazi

Levee Mile Report Line	42
Start Levee Mile	3.13
End Levee Mile	3.32
Location	Land Side
Category	Earthen Levee
Item	Vegetation

Wild growth was found on the toe of the landside of the levee. The picture was taken from crown looking upstream.

pkazi_f_20111103_121.jpg



Levee Mile Report Line	43
Start Levee Mile	3.49
End Levee Mile	3.56
Location	Water Side
Category	Earthen Levee
Item	Encroachments

A ditch was located on the waterside toe of the levee. The picture was taken from the crown looking upstream.

pkazi_f_20111103_122.jpg



Levee Mile Report Line	44
Start Levee Mile	3.73
End Levee Mile	3.73
Location	Land Side
Category	Earthen Levee
Item	Trim / Thin Trees

Trees and vegetation complies with standards on the landside of the slope. The picture was taken from the crown looking upstream.

pkazi_f_20110923_053.jpg



*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
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U : Unacceptable

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CO : Completely Obstructing
W : Watch/Monitor

N : Not Inspected, see Inspector Comment C : Corrected

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2011

Reclamation District No. 1602 Del Puerto

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	6.29	09/27/2011 09/27/2011	Pavel Kazi

Levee Mile Report Line	45
Start Levee Mile	3.78
End Levee Mile	3.78
Location	Water Side
Category	Earthen Levee
Item	Encroachments

Firewood was found on the waterside slope of the levee. The picture was taken from the crown of the levee looking towards the toe.

pkazi_f_20111103_123.jpg



Levee Mile Report Line	48
Start Levee Mile	3.83
End Levee Mile	3.83
Location	Land Side
Category	Earthen Levee
Item	Encroachments

Garbage was found on the landside of the levee. The picture was taken from the crown looking upstream.

pkazi_f_20110923_047.jpg



Levee Mile Report Line	48
Start Levee Mile	3.83
End Levee Mile	3.83
Location	Land Side
Category	Earthen Levee
Item	Encroachments

Debris was located on the landside of the levee. The picture was taken from the crown looking upstream.

pkazi_f_20111103_124.jpg



*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
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U : Unacceptable

PO : Partially Obstructing
CO : Completely Obstructing
W : Watch/Monitor

N : Not Inspected, see Inspector Comment C : Corrected

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2011

Reclamation District No. 1602 Del Puerto

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	6.29	09/27/2011 09/27/2011	Pavel Kazi

Levee Mile Report Line	49
Start Levee Mile	3.85
End Levee Mile	3.85
Location	Land Side
Category	Earthen Levee
Item	Encroachments
Remove landscaping from within 10' of landside toe	
pkazi_f_20110923_057.JPG	



Levee Mile Report Line	50
Start Levee Mile	3.96
End Levee Mile	3.96
Location	Land Side
Category	Earthen Levee
Item	Slope Stability
Repair damage to USACE constructed seepage berm by pedestrian and cycle traffic at LM 3.96.	
pkazi_f_20110923_064.jpg	



Levee Mile Report Line	51
Start Levee Mile	3.97
End Levee Mile	4.07
Location	Land Side
Category	Earthen Levee
Item	Encroachments
View of a barbed wire fence on the landward slope looking upstream.	
pkazi_f_20110923_065.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

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2011

Reclamation District No. 1602 Del Puerto

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	6.29	09/27/2011 09/27/2011	Pavel Kazi

Levee Mile Report Line	52
Start Levee Mile	3.99
End Levee Mile	3.99
Location	Water Side
Category	Earthen Levee
Item	Animal Control

Rodent hole at the waterside slope of the levee. The picture was taken from the crown looking upstream.

pkazi_f_20110923_048.jpg



Levee Mile Report Line	52
Start Levee Mile	3.99
End Levee Mile	3.99
Location	Water Side
Category	Earthen Levee
Item	Animal Control

Animal burrow was found on the waterside of the levee. The picture was taken from the toe of the levee looking upstream.

pkazi_f_20111103_125.jpg



Levee Mile Report Line	53
Start Levee Mile	4.04
End Levee Mile	4.04
Location	Water Side
Category	Earthen Levee
Item	Animal Control

Rodent hole was found the waterside of the levee. The picture was taken from the crown looking upstream.

pkazi_f_20110923_058.jpg



*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
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U : Unacceptable

PO : Partially Obstructing
CO : Completely Obstructing
W : Watch/Monitor

N : Not Inspected, see Inspector Comment C : Corrected

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2011

Reclamation District No. 1602 Del Puerto

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	6.29	09/27/2011 09/27/2011	Pavel Kazi

Levee Mile Report Line	54
Start Levee Mile	4.13
End Levee Mile	4.25
Location	Land Side
Category	Earthen Levee
Item	Vegetation

Wild growth vegetation was found on the landside of the levee. The picture was taken from the crown looking upstream.

pkazi_f_20111103_126.jpg



Levee Mile Report Line	55
Start Levee Mile	4.15
End Levee Mile	4.15
Location	Water Side
Category	Earthen Levee
Item	Animal Control

Rodent hole was found on the waterside of the levee. The picture was taken from the crown looking upstream.

pkazi_f_20110923_049.jpg



Levee Mile Report Line	59
Start Levee Mile	4.45
End Levee Mile	4.92
Location	Land Side
Category	Earthen Levee
Item	Encroachments

View of the fence on the landside toe of the levee. The picture was taken from the crown looking upstream.

pkazi_f_20111103_128.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

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2011

Reclamation District No. 1602 Del Puerto

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	6.29	09/27/2011 09/27/2011	Pavel Kazi

Levee Mile Report Line	60
Start Levee Mile	4.45
End Levee Mile	4.45
Location	Water Side
Category	Earthen Levee
Item	Animal Control

No rodent hole was found on the waterside slope of the levee. The picture was taken from the crown looking downstream.

pkazi_f_20111103_127.jpg



Levee Mile Report Line	63
Start Levee Mile	4.70
End Levee Mile	4.92
Location	Land Side
Category	Earthen Levee
Item	Vegetation

Wild growth was found on the landside of the levee looking upstream.

pkazi_f_20111103_129.jpg



Levee Mile Report Line	64
Start Levee Mile	4.72
End Levee Mile	4.72
Location	Land Side
Category	Earthen Levee
Item	Animal Control

View of rodent holes on the landward slope looking upstream.

pkazi_f_20110923_045.jpg



*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

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W : Watch/Monitor

N : Not Inspected, see Inspector Comment C : Corrected

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2011

Reclamation District No. 1602 Del Puerto

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	6.29	09/27/2011 09/27/2011	Pavel Kazi

Levee Mile Report Line	65
Start Levee Mile	4.81
End Levee Mile	4.81
Location	Land Side
Category	Earthen Levee
Item	Encroachments

A broken tree trunk was found on the toe of the landside of the levee. The picture was taken from the crown looking upstream.

pkazi_f_20111103_130.jpg



Levee Mile Report Line	66
Start Levee Mile	4.92
End Levee Mile	4.92
Location	Land Side
Category	Earthen Levee
Item	Trim / Thin Trees

View of trees blocking visibility on the landward slope looking upstream.

pkazi_f_20110923_046.jpg



Levee Mile Report Line	67
Start Levee Mile	4.98
End Levee Mile	5.14
Location	Land Side
Category	Earthen Levee
Item	Vegetation

Wild growth was found on the landside of the levee looking upstream.

pkazi_f_20111103_131.jpg



*** Location**

LS : Land Side
WS : Water Side
CR : Crown

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2011

Reclamation District No. 1602 Del Puerto

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	6.29	09/27/2011 09/27/2011	Pavel Kazi

Levee Mile Report Line	68
Start Levee Mile	4.98
End Levee Mile	5.24
Location	Water Side
Category	Earthen Levee
Item	Vegetation

Wild growth was found on the waterside of the levee looking upstream.

pkazi_f_20111103_132.jpg



Levee Mile Report Line	70
Start Levee Mile	5.25
End Levee Mile	5.25
Location	Land Side
Category	Earthen Levee
Item	Animal Control

Rodent holes possibly made worsen by dog digging through it. It is located on the landside of the levee. The picture was taken from the crown looking upstream.

pkazi_f_20110923_051.jpg



Levee Mile Report Line	74
Start Levee Mile	5.34
End Levee Mile	5.34
Location	Land Side
Category	Earthen Levee
Item	Slope Stability

View of significant damage and erosion to the landward slope looking upstream.

pkazi_f_20110923_068.jpg



*** Location**

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WS : Water Side
CR : Crown

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2011

Reclamation District No. 1602 Del Puerto

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	6.29	09/27/2011 09/27/2011	Pavel Kazi

Levee Mile Report Line	76
Start Levee Mile	5.36
End Levee Mile	5.36
Location	Land Side
Category	Earthen Levee
Item	Vegetation

Vegetation was obstructing the view of the landside of the levee. The picture was taken from the crown looking upstream.

pkazi_f_20110923_063.jpg



Levee Mile Report Line	77
Start Levee Mile	5.38
End Levee Mile	5.38
Location	Land Side
Category	Earthen Levee
Item	Trim / Thin Trees

View of the trees which blocks the access and visibility on the landside slope of the levee. The picture was taken from the crown looking upstream.

pkazi_f_20111103_133.jpg



Levee Mile Report Line	78
Start Levee Mile	5.40
End Levee Mile	5.40
Location	Land Side
Category	Earthen Levee
Item	Slope Stability

View of tilling into the landward slope of the levee looking upstream. This slope has also been significantly damaged by rodent activity.

pkazi_f_20110923_069.jpg



*** Location**

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WS : Water Side
CR : Crown

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W : Watch/Monitor

N : Not Inspected, see Inspector Comment C : Corrected

**Flood Control Project Maintenance
Levee Inspections****Levee Inspection Report By Mile - Fall 2011****Reclamation District No. 1602 Del Puerto**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	6.29	09/27/2011 09/27/2011	Pavel Kazi

*** Location**LS : Land Side
WS : Water Side
CR : Crown**** Rating**A : Acceptable
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C : Corrected