

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2014

Reclamation District No. 1602 Del Puerto

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	6.24	10/24/2014 10/24/2014	Pavel Kazi

LM Start	0.00	Rating **	A	Issue No.	39
LM End	0.00	Issue Type +	Ma	Location *	N/A
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Operations & Maintenance Manuals		°	°	°
DWR ID	DWR_RD1602_01_s_2012_39				
Action/Comments					
Inspector Comments: The LMA has all the O&M manuals.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	77
LM End	0.00	Issue Type +	Ma	Location *	N/A
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Emergency Supplies & Equipment		°	°	°
DWR ID	DWR_RD1602_01_s_2012_77				
Action/Comments					
Inspector Comments: The LMA has enough flood materials in case of an incident.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	97
LM End	0.00	Issue Type +	Ma	Location *	N/A
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Flood Preparedness & Training		°	°	°
DWR ID	DWR_RD1602_01_s_2012_97				
Action/Comments					
Inspector Comments: The LMA has solid understanding and most of them have flood preparedness training.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Unit No. 01 San Joaquin River	Left	6.24	10/24/2014 10/24/2014	Pavel Kazi

LM Start	0.32	Rating **	A	Issue No.	172
LM End	0.32	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Animal Control		37.478581 °	37.478581 °	
			-121.078811 °	-121.078811 °	
DWR ID	DWR_RD1602_01_s_2014_172				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows. Inspector Comments: LMA repaired the rodent hole.					

Photo 1 of 1 : FA_2014_RD1602_110_172_20141021_00087.jpg



The rodent hole was filled with material on the waterside shoulder of the levee looking downstream.

LM Start	0.60	Rating **	C	Issue No.	4
LM End	0.60	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Animal Control		37.479968 °	37.479968 °	
			-121.074583 °	-121.074583 °	
DWR ID	DWR_RD1602_01_s_2012_4				
Action/Comments					
Exterminate rodents and backfill and compact or grout burrows. Inspector Comments: LMA has corrected the issue.					

No Photos

LM Start	0.67	Rating **	A	Issue No.	173
LM End	0.67	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Animal Control		37.479072 °	37.479072 °	
			-121.073934 °	-121.073934 °	
DWR ID	DWR_RD1602_01_s_2014_173				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows. Inspector Comments: LMA grouted the animal burrows.					

Photo 1 of 2 : FA_2014_RD1602_110_173_20141027_00116.jpg



View of the landside shoulder of the levee looking upstream during fall 2014 inspection.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Unit No. 01 San Joaquin River	Left	6.24	10/24/2014 10/24/2014	Pavel Kazi

LM Start	0.67	Rating **	A	Issue No.	173 (cont)
LM End	0.67	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Animal Control		37.479072 °	37.479072 °	
			-121.073934 °	-121.073934 °	
DWR ID	DWR_RD1602_01_s_2014_173				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows. Inspector Comments: LMA grouted the animal burrows.					

Photo 2 of 2 : FA_2014_RD1602_110_173_20141021_00088.jpg



The rodent holes were filled with material on the landside shoulder of the levee looking upstream.

LM Start	0.69	Rating **	M	Issue No.	26
LM End	0.69	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Animal Control		37.478792 °	37.478792 °	
			-121.073740 °	-121.073740 °	
DWR ID	DWR_RD1602_01_f_2013_26				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					

Photo 1 of 2 : FA_2014_RD1602_110_26_20141027_00117.jpg



Updated picture of the rodent hole on the waterside shoulder of the levee looking upstream during fall 2014 inspection.

LM Start	0.69	Rating **	M	Issue No.	26 (cont)
LM End	0.69	Issue Type +	Ma	Location *	WS

Photo 2 of 2 : FA_2014_RD1602_110_26_20141021_00020.jpg



View of the rodent hole on the waterside shoulder of the levee during spring 2014 inspection.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	6.24	10/24/2014 10/24/2014	Pavel Kazi

LM Start	0.75	Rating **	C	Issue No.	174
LM End	0.75	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Animal Control		37.478263 °	37.478263 °	
			-121.072955 °	-121.072955 °	
DWR ID	DWR_RD1602_01_s_2014_174				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					

No Photos

LM Start	0.78	Rating **	A/W	Issue No.	72
LM End	0.78	Issue Type +	Ma	Location *	WS
Category	Interior Drainage & Piping Systems		GPS Latitude/Longitude		
			Start	End	
Item	Flap Gates		37.477965 °	37.477965 °	
			-121.072595 °	-121.072595 °	
DWR ID	DWR_RD1602_01_s_2012_72				
Action/Comments					
Inspector Comments: Sediment around the flap gate was cleaned, and the area should be watched for future sediment deposits.					

Photo 1 of 4 : FA_2014_RD1602_110_72_20141027_00118.jpg



View of the flap gate on the waterside of the levee during fall 2014 inspection.

LM Start	0.78	Rating **	A/W	Issue No.	72 (cont)
LM End	0.78	Issue Type +	Ma	Location *	WS

Photo 2 of 4 : FA_2014_RD1602_110_72_20141021_00056.jpg



Debris were obstructing the flap gate from closing completely. The picture was taken from toe of waterside of the levee during the fall 2013 inspection.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Unit No. 01 San Joaquin River	Left	6.24	10/24/2014 10/24/2014	Pavel Kazi

LM Start	0.78	Rating **	A/W	Issue No.	72 (cont)
LM End	0.78	Issue Type +	Ma	Location *	WS
Category	Interior Drainage & Piping Systems			GPS Latitude/Longitude	
				Start	End
Item	Flap Gates			37.477965 °	37.477965 °
				-121.072595 °	-121.072595 °
DWR ID	DWR_RD1602_01_s_2012_72				
Action/Comments					
Inspector Comments: Sediment around the flap gate was cleaned, and the area should be watched for future sediment deposits.					

Photo 3 of 4 : FA_2014_RD1602_110_72_20141021_00057.jpg



Debris and sediments were obstructing the flap gate from closing completely. The picture was taken from toe of waterside of the levee during the fall 2012 inspection.

LM Start	0.78	Rating **	A/W	Issue No.	72 (cont)
LM End	0.78	Issue Type +	Ma	Location *	WS

Photo 4 of 4 : FA_2014_RD1602_110_72_20141021_00058.jpg



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 the fall 2011 inspection.

LM Start	0.81	Rating **	C	Issue No.	57
LM End	0.81	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.477844 °	37.477844 °
				-121.072132 °	-121.072132 °
DWR ID	DWR_RD1602_01_s_2012_57				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	6.24	10/24/2014 10/24/2014	Pavel Kazi

LM Start	0.83	Rating **	M	Issue No.	76
LM End	0.83	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.477907 °	37.477907 °
				-121.071754 °	-121.071754 °
DWR ID	DWR_RD1602_01_s_2012_76				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					

Photo 1 of 3 : FA_2014_RD1602_110_76_20141021_00061.jpg



Updated picture of the rodent holes on the waterside of the levee looking upstream during spring 2014 inspection.

LM Start	0.83	Rating **	M	Issue No.	76 (cont)
LM End	0.83	Issue Type +	Ma	Location *	WS

Photo 2 of 3 : FA_2014_RD1602_110_76_20141021_00062.jpg



Updated picture of the rodent hole on the waterside slope of the levee looking downstream.

LM Start	0.83	Rating **	M	Issue No.	76 (cont)
LM End	0.83	Issue Type +	Ma	Location *	WS

Photo 3 of 3 : FA_2014_RD1602_110_76_20141021_00063.jpg



A rodent hole was found on the waterside of the levee looking downstream.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Unit No. 01 San Joaquin River	Left	6.24	10/24/2014 10/24/2014	Pavel Kazi

LM Start	0.95	Rating **	C	Issue No.	175
LM End	0.95	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Animal Control		37.478487 °	37.478487 °	
			-121.069591 °	-121.069591 °	
DWR ID	DWR_RD1602_01_s_2014_175				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					

No Photos

LM Start	0.95	Rating **	C	Issue No.	47
LM End	0.95	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Animal Control		37.478474 °	37.478474 °	
			-121.069586 °	-121.069586 °	
DWR ID	DWR_RD1602_01_f_2012_47				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					

No Photos

LM Start	1.04	Rating **	M	Issue No.	55
LM End	1.04	Issue Type +	Ma	Location *	WS
Category	Interior Drainage & Piping Systems		GPS Latitude/Longitude		
			Start	End	
Item	Concrete Tilting / Settlement		37.478678 °	37.478678 °	
			-121.068305 °	-121.068305 °	
DWR ID	DWR_RD1602_01_s_2012_55				
Action/Comments					
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.					

Photo 1 of 2 : FA_2014_RD1602_110_55_20141021_00039.jpg



Additional view of outfall structure at LM 1.04.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Unit No. 01 San Joaquin River	Left	6.24	10/24/2014 10/24/2014	Pavel Kazi

LM Start	1.04	Rating **	M	Issue No.	55 (cont)
LM End	1.04	Issue Type +	Ma	Location *	WS
Category	Interior Drainage & Piping Systems			GPS Latitude/Longitude	
				Start	End
Item	Concrete Tilting / Settlement			37.478678 °	37.478678 °
				-121.068305 °	-121.068305 °
DWR ID	DWR_RD1602_01_s_2012_55				
Action/Comments					
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.					

Photo 2 of 2 : FA_2014_RD1602_110_55_20141021_00040.jpg



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

LM Start	1.04	Rating **	C	Issue No.	176
LM End	1.04	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.478652 °	37.478652 °
				-121.068114 °	-121.068114 °
DWR ID	DWR_RD1602_01_s_2014_176				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					

No Photos

LM Start	1.06	Rating **	C	Issue No.	28
LM End	1.06	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.478577 °	37.478577 °
				-121.067920 °	-121.067920 °
DWR ID	DWR_RD1602_01_f_2013_28				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	6.24	10/24/2014 10/24/2014	Pavel Kazi

LM Start	1.07	Rating **	M	Issue No.	37
LM End	1.07	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Slope Stability		37.478567 °	37.478567 °	
			-121.067847 °	-121.067847 °	
DWR ID	DWR_RD1602_01_s_2012_37				
Action/Comments					
Repair slope instability. Inspector Comments: Small amount of slumping at waterside toe of the levee.					

Photo 1 of 3 : FA_2014_RD1602_110_37_20141021_00026.jpg



Small amount of slumping at water toe.

LM Start	1.07	Rating **	M	Issue No.	37 (cont)
LM End	1.07	Issue Type +	Ma	Location *	WS

Photo 2 of 3 : FA_2014_RD1602_110_37_20141021_00027.jpg



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

LM Start	1.07	Rating **	M	Issue No.	37 (cont)
LM End	1.07	Issue Type +	Ma	Location *	WS

Photo 3 of 3 : FA_2014_RD1602_110_37_20141021_00028.jpg



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

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	6.24	10/24/2014 10/24/2014	Pavel Kazi

LM Start	1.10	Rating **	A	Issue No.	8
LM End	1.10	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Animal Control		37.478454 °	37.478454 °	
			-121.067209 °	-121.067209 °	
DWR ID	DWR_RD1602_01_s_2012_8				
Action/Comments					
Exterminate rodents and backfill and compact or grout burrows. Inspector Comments: LMA fixed the holes on the waterside slopes of the levee.					

Photo 1 of 2 : FA_2014_RD1602_110_8_20141027_00119.jpg



LMA grouted the rodent holes on the waterside slope of the levee looking upstream. The picture was taken during fall 2014 inspection.

LM Start	1.10	Rating **	A	Issue No.	8 (cont)
LM End	1.10	Issue Type +	Ma	Location *	WS

Photo 2 of 2 : FA_2014_RD1602_110_8_20141021_00005.jpg



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

LM Start	1.11	Rating **	M	Issue No.	11
LM End	1.11	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Animal Control		37.478371 °	37.478371 °	
			-121.066793 °	-121.066793 °	
DWR ID	DWR_RD1602_01_s_2013_11				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					

Photo 1 of 2 : FA_2014_RD1602_110_11_20141021_00006.jpg



Rodent holes were found on the waterside slope of the levee looking downstream.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Unit No. 01 San Joaquin River	Left	6.24	10/24/2014 10/24/2014	Pavel Kazi

LM Start	1.11	Rating **	M	Issue No.	11 (cont)
LM End	1.11	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Animal Control		37.478371 °	37.478371 °	
			-121.066793 °	-121.066793 °	
DWR ID	DWR_RD1602_01_s_2013_11				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					

Photo 2 of 2 : FA_2014_RD1602_110_11_20141021_00007.jpg



A rodent hole was found on the waterside toe of the levee looking downstream.

LM Start	1.12	Rating **	M	Issue No.	56
LM End	1.12	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Animal Control		37.478372 °	37.478372 °	
			-121.066797 °	-121.066797 °	
DWR ID	DWR_RD1602_01_f_2012_56				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					

Photo 1 of 1 : FA_2014_RD1602_110_56_20141021_00041.jpg



A rodent hole was found on the waterside toe of the levee looking upstream.

LM Start	1.13	Rating **	C	Issue No.	7
LM End	1.13	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Animal Control		37.478331 °	37.478331 °	
			-121.066705 °	-121.066705 °	
DWR ID	DWR_RD1602_01_s_2012_7				
Action/Comments					
Exterminate rodents and backfill and compact or grout burrows.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Unit No. 01 San Joaquin River	Left	6.24	10/24/2014 10/24/2014	Pavel Kazi

LM Start	1.15	Rating **	M	Issue No.	65
LM End	1.15	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Animal Control		37.478285 °	37.478285 °	
			-121.066299 °	-121.066299 °	
DWR ID	DWR_RD1602_01_f_2012_65				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					

Photo 1 of 2 : FA_2014_RD1602_110_65_20141021_00049.jpg



Updated picture of rodent hole on the waterside slope of the levee looking upstream during fall 2013 inspection.

LM Start	1.15	Rating **	M	Issue No.	65 (cont)
LM End	1.15	Issue Type +	Ma	Location *	WS

Photo 2 of 2 : FA_2014_RD1602_110_65_20141021_00050.jpg



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

LM Start	1.16	Rating **	C	Issue No.	12
LM End	1.16	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Animal Control		37.478256 °	37.478256 °	
			-121.065898 °	-121.065898 °	
DWR ID	DWR_RD1602_01_s_2013_12				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					

No Photos

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2014

Reclamation District No. 1602 Del Puerto

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	6.24	10/24/2014 10/24/2014	Pavel Kazi

LM Start	1.17	Rating **	C	Issue No.	78
LM End	1.17	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Animal Control		37.478267 °	37.478267 °	
			-121.065895 °	-121.065895 °	
DWR ID	DWR_RD1602_01_s_2012_78				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					

No Photos

LM Start	1.19	Rating **	M	Issue No.	79
LM End	1.19	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Animal Control		37.478324 °	37.478324 °	
			-121.065444 °	-121.065444 °	
DWR ID	DWR_RD1602_01_s_2012_79				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					

Photo 1 of 2 : FA_2014_RD1602_110_79_20141021_00065.jpg



Updated picture of the rodent holes on the waterside toe of the levee during spring 2014 inspection.

LM Start	1.19	Rating **	M	Issue No.	79 (cont)
LM End	1.19	Issue Type +	Ma	Location *	WS

Photo 2 of 2 : FA_2014_RD1602_110_79_20141021_00066.jpg



A rodent hole was found on the waterside toe of the levee looking downstream.

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2014

Reclamation District No. 1602 Del Puerto

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	6.24	10/24/2014 10/24/2014	Pavel Kazi

LM Start	1.21	Rating **	C	Issue No.	80
LM End	1.21	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Animal Control		37.478391 °	37.478391 °	
			-121.065111 °	-121.065111 °	
DWR ID	DWR_RD1602_01_s_2012_80				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					

No Photos

LM Start	1.23	Rating **	C	Issue No.	98
LM End	1.23	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Animal Control		37.478522 °	37.478522 °	
			-121.064723 °	-121.064723 °	
DWR ID	DWR_RD1602_01_f_2012_98				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					

No Photos

LM Start	1.27	Rating **	C	Issue No.	30
LM End	1.27	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Animal Control		37.478761 °	37.478761 °	
			-121.064313 °	-121.064313 °	
DWR ID	DWR_RD1602_01_f_2013_30				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					

No Photos

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2014

Reclamation District No. 1602 Del Puerto

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	6.24	10/24/2014 10/24/2014	Pavel Kazi

LM Start	1.46	Rating **	M	Issue No.	31
LM End	1.46	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Animal Control		37.478938 °	37.478938 °	
			-121.061063 °	-121.061063 °	
DWR ID	DWR_RD1602_01_f_2014_31				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					

Photo 1 of 1 : FA_2014_RD1602_110_31_20141027_00120.jpg



View of the rodent hole on the waterside slope of the levee looking downstream.

LM Start	1.53	Rating **	C	Issue No.	177
LM End	1.53	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Animal Control		37.478504 °	37.478504 °	
			-121.060005 °	-121.060005 °	
DWR ID	DWR_RD1602_01_s_2014_177				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					

No Photos

LM Start	1.57	Rating **	C	Issue No.	178
LM End	1.57	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Animal Control		37.478221 °	37.478221 °	
			-121.059483 °	-121.059483 °	
DWR ID	DWR_RD1602_01_s_2014_178				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					

No Photos

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2014

Reclamation District No. 1602 Del Puerto

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	6.24	10/24/2014 10/24/2014	Pavel Kazi

LM Start	2.01	Rating **	M	Issue No.	33
LM End	2.73	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		37.472267 °	37.467739 °	
			-121.057895 °	-121.047531 °	
DWR ID	DWR_RD1602_01_f_2014_33				
Action/Comments					
Remove the wild growth other than native grasses from the levee slopes.					

No Photos

LM Start	2.11	Rating **	M	Issue No.	85
LM End	2.11	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Animal Control		37.470858 °	37.470858 °	
			-121.057140 °	-121.057140 °	
DWR ID	DWR_RD1602_01_s_2012_85				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					

Photo 1 of 2 : FA_2014_RD1602_110_85_20141021_00070.jpg



Updated picture of a rodent hole on the waterside shoulder of the levee looking upstream during fall 2013 inspection.

LM Start	2.11	Rating **	M	Issue No.	85 (cont)
LM End	2.11	Issue Type +	Ma	Location *	WS

Photo 2 of 2 : FA_2014_RD1602_110_85_20141021_00071.jpg



A rodent hole was found on the waterside shoulder of the levee looking upstream.

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2014

Reclamation District No. 1602 Del Puerto

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	6.24	10/24/2014 10/24/2014	Pavel Kazi

LM Start	2.18	Rating **	M	Issue No.	86
LM End	2.18	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Animal Control		37.470323 °	37.470323 °	
			-121.056148 °	-121.056148 °	
DWR ID	DWR_RD1602_01_s_2012_86				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					

Photo 1 of 1 : FA_2014_RD1602_110_86_20141021_00072.jpg



Rodent holes were found on the waterside toe of the levee looking upstream.

LM Start	2.20	Rating **	C	Issue No.	180
LM End	2.20	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Animal Control		37.470278 °	37.470278 °	
			-121.055945 °	-121.055945 °	
DWR ID	DWR_RD1602_01_s_2014_180				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					

No Photos

LM Start	2.29	Rating **	M	Issue No.	35
LM End	2.29	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Animal Control		37.470290 °	37.470290 °	
			-121.054278 °	-121.054278 °	
DWR ID	DWR_RD1602_01_f_2013_35				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					

Photo 1 of 1 : FA_2014_RD1602_110_35_20141021_00024.jpg



Animal holes were found on the waterside shoulder of the levee looking upstream.

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2014

Reclamation District No. 1602 Del Puerto

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	6.24	10/24/2014 10/24/2014	Pavel Kazi

LM Start	2.98	Rating **	C	Issue No.	182
LM End	2.98	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Animal Control		37.465132 °	37.465132 °	
			-121.044529 °	-121.044529 °	
DWR ID	DWR_RD1602_01_s_2014_182				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					

No Photos

LM Start	3.32	Rating **	M	Issue No.	40
LM End	3.32	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Animal Control		37.461140 °	37.461140 °	
			-121.041785 °	-121.041785 °	
DWR ID	DWR_RD1602_01_f_2014_40				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					

No Photos

LM Start	3.47	Rating **	C	Issue No.	93
LM End	3.47	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Animal Control		37.459511 °	37.459511 °	
			-121.043350 °	-121.043350 °	
DWR ID	DWR_RD1602_01_s_2012_93				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					

No Photos

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2014

Reclamation District No. 1602 Del Puerto

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	6.24	10/24/2014 10/24/2014	Pavel Kazi

LM Start	3.49	Rating **	C	Issue No.	183
LM End	3.49	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Animal Control		37.459279 °	37.459279 °	
			-121.043578 °	-121.043578 °	
DWR ID	DWR_RD1602_01_s_2014_183				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					

No Photos

LM Start	3.52	Rating **	M	Issue No.	106
LM End	3.52	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Animal Control		37.458810 °	37.458810 °	
			-121.043850 °	-121.043850 °	
DWR ID	DWR_RD1602_01_f_2012_106				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					

Photo 1 of 1 : FA_2014_RD1602_110_106_20141021_00081.jpg



Rodent holes were found on the waterside slope of the levee looking downstream.

LM Start	3.53	Rating **	A	Issue No.	107
LM End	3.53	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Animal Control		37.458762 °	37.458762 °	
			-121.043875 °	-121.043875 °	
DWR ID	DWR_RD1602_01_f_2012_107				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows. Inspector Comments: LMA fixed the issue.					

Photo 1 of 3 : FA_2014_RD1602_110_107_20141027_00122.jpg



LMA repaired the rodent holes on the waterside slope of the levee looking upstream during fall 2014 inspection.

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2014

Reclamation District No. 1602 Del Puerto

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	6.24	10/24/2014 10/24/2014	Pavel Kazi

LM Start	3.53	Rating **	A	Issue No.	107 (cont)
LM End	3.53	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.458762 °	37.458762 °
				-121.043875 °	-121.043875 °
DWR ID	DWR_RD1602_01_f_2012_107				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows. Inspector Comments: LMA fixed the issue.					

Photo 2 of 3 : FA_2014_RD1602_110_107_20141021_00082.jpg



Updated picture of rodent hole on the waterside shoulder of the levee looking upstream.

LM Start	3.53	Rating **	A	Issue No.	107 (cont)
LM End	3.53	Issue Type +	Ma	Location *	WS

Photo 3 of 3 : FA_2014_RD1602_110_107_20141021_00083.jpg



A rodent hole was found on the waterside shoulder of the levee looking upstream.

LM Start	3.54	Rating **	C	Issue No.	25
LM End	3.54	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.458139 °	37.458139 °
				-121.044225 °	-121.044225 °
DWR ID	DWR_RD1602_01_s_2013_25				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					

No Photos

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2014

Reclamation District No. 1602 Del Puerto

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	6.24	10/24/2014 10/24/2014	Pavel Kazi

LM Start	3.64	Rating **	C	Issue No.	184
LM End	3.64	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.457282 °	37.457282 °
				-121.044671 °	-121.044671 °
DWR ID	DWR_RD1602_01_s_2014_184				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					

No Photos

LM Start	3.64	Rating **	C	Issue No.	185
LM End	3.64	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.457206 °	37.457206 °
				-121.044692 °	-121.044692 °
DWR ID	DWR_RD1602_01_s_2014_185				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					

No Photos

LM Start	3.67	Rating **	C	Issue No.	108
LM End	3.67	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.456775 °	37.456775 °
				-121.044704 °	-121.044704 °
DWR ID	DWR_RD1602_01_f_2012_108				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					

No Photos

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2014

Reclamation District No. 1602 Del Puerto

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	6.24	10/24/2014 10/24/2014	Pavel Kazi

LM Start	3.71	Rating **	C	Issue No.	186
LM End	3.71	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.456304 °	37.456304 °
				-121.044242 °	-121.044242 °
DWR ID	DWR_RD1602_01_s_2014_186				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows. Inspector Comments: LMA fixed the issue.					

No Photos

LM Start	3.75	Rating **	C	Issue No.	187
LM End	3.75	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.455828 °	37.455828 °
				-121.043974 °	-121.043974 °
DWR ID	DWR_RD1602_01_s_2014_187				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					

No Photos

LM Start	3.77	Rating **	C	Issue No.	188
LM End	3.77	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.455671 °	37.455671 °
				-121.043898 °	-121.043898 °
DWR ID	DWR_RD1602_01_s_2014_188				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2014

Reclamation District No. 1602 Del Puerto

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	6.24	10/24/2014 10/24/2014	Pavel Kazi

LM Start	3.80	Rating **	C	Issue No.	83
LM End	3.80	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Animal Control		37.455238 °	37.455238 °	
			-121.043635 °	-121.043635 °	
DWR ID	DWR_RD1602_01_s_2012_83				
Action/Comments					
Exterminate rodents and backfill and compact or grout burrows.					

No Photos

LM Start	3.83	Rating **	M	Issue No.	15
LM End	3.83	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		37.454872 °	37.454872 °	
			-121.043370 °	-121.043370 °	
DWR ID	DWR_RD1602_01_s_2012_15				
Action/Comments					
Garbage					

Photo 1 of 2 : FA_2014_RD1602_110_15_20141021_00010.jpg



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

LM Start	3.83	Rating **	M	Issue No.	15 (cont)
LM End	3.83	Issue Type +	Ma	Location *	LS

Photo 2 of 2 : FA_2014_RD1602_110_15_20141021_00011.jpg



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

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2014

Reclamation District No. 1602 Del Puerto

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	6.24	10/24/2014 10/24/2014	Pavel Kazi

LM Start	3.91	Rating **	M	Issue No.	94
LM End	3.91	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Animal Control		37.453891 °	37.453891 °	
			-121.042629 °	-121.042629 °	
DWR ID	DWR_RD1602_01_s_2012_94				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					

Photo 1 of 1 : FA_2014_RD1602_110_94_20141021_00075.jpg



Rodent holes were found on the waterside toe of the levee looking upstream.

LM Start	3.96	Rating **	M	Issue No.	62
LM End	3.96	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Slope Stability		37.453216 °	37.453216 °	
			-121.042127 °	-121.042127 °	
DWR ID	DWR_RD1602_01_s_2012_62				
Action/Comments					
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.					

Photo 1 of 1 : FA_2014_RD1602_110_62_20141021_00047.jpg



Repair damage to USACE constructed seepage berm by pedestrian and cycle traffic at LM 3.96.

LM Start	3.99	Rating **	C	Issue No.	16
LM End	3.99	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Animal Control		37.452805 °	37.452805 °	
			-121.041769 °	-121.041769 °	
DWR ID	DWR_RD1602_01_s_2012_16				
Action/Comments					
Exterminate rodents and backfill and compact or grout burrows. Inspector Comments: LMA fixed the issue.					

No Photos

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2014

Reclamation District No. 1602 Del Puerto

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	6.24	10/24/2014 10/24/2014	Pavel Kazi

LM Start	4.00	Rating **	C	Issue No.	95
LM End	4.00	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Animal Control		37.452820 °	37.452820 °	
			-121.041776 °	-121.041776 °	
DWR ID	DWR_RD1602_01_s_2012_95				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					

No Photos

LM Start	4.05	Rating **	C	Issue No.	68
LM End	4.05	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Animal Control		37.452207 °	37.452207 °	
			-121.041350 °	-121.041350 °	
DWR ID	DWR_RD1602_01_f_2013_68				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					

No Photos

LM Start	4.11	Rating **	C	Issue No.	189
LM End	4.11	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Animal Control		37.451541 °	37.451541 °	
			-121.040688 °	-121.040688 °	
DWR ID	DWR_RD1602_01_s_2014_189				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					

No Photos

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2014

Reclamation District No. 1602 Del Puerto

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	6.24	10/24/2014 10/24/2014	Pavel Kazi

LM Start	4.11	Rating **	C	Issue No.	51
LM End	4.11	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Animal Control		37.451520 °	37.451520 °	
			-121.040699 °	-121.040699 °	
DWR ID	DWR_RD1602_01_f_2012_51				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					

No Photos

LM Start	4.13	Rating **	M	Issue No.	41
LM End	4.13	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Animal Control		37.451344 °	37.451344 °	
			-121.040415 °	-121.040415 °	
DWR ID	DWR_RD1602_01_f_2014_41				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					

Photo 1 of 1 : FA_2014_RD1602_110_41_20141027_00123.jpg



View of a rodent hole on the waterside toe of the levee during fall 2014 inspection.

LM Start	4.15	Rating **	M	Issue No.	17
LM End	4.15	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Animal Control		37.451051 °	37.451051 °	
			-121.040109 °	-121.040109 °	
DWR ID	DWR_RD1602_01_s_2012_17				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					

Photo 1 of 1 : FA_2014_RD1602_110_17_20141021_00015.jpg



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

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2014

Reclamation District No. 1602 Del Puerto

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	6.24	10/24/2014 10/24/2014	Pavel Kazi

LM Start	4.22	Rating **	M	Issue No.	190
LM End	4.22	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Animal Control		37.450241 °	37.450241 °	
			-121.039421 °	-121.039421 °	
DWR ID	DWR_RD1602_01_s_2014_190				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					

Photo 1 of 1 : FA_2014_RD1602_110_190_20141021_00098.jpg



A rodent hole was found on the waterside shoulder of the levee looking upstream.

LM Start	4.22	Rating **	M	Issue No.	44
LM End	4.22	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Animal Control		37.450195 °	37.450195 °	
			-121.039406 °	-121.039406 °	
DWR ID	DWR_RD1602_01_f_2014_44				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					

Photo 1 of 1 : FA_2014_RD1602_110_44_20141027_00124.jpg



A rodent hole was found on the landside shoulder of the levee looking upstream.

LM Start	4.22	Rating **	M	Issue No.	46
LM End	4.22	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Animal Control		37.450195 °	37.450195 °	
			-121.039406 °	-121.039406 °	
DWR ID	DWR_RD1602_01_f_2014_46				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					

Photo 1 of 1 : FA_2014_RD1602_110_46_20141027_00125.jpg



View of the rodent holes on the waterside slope of the levee. The picture was taken from the toe of the levee during fall 2014 inspection.

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2014

Reclamation District No. 1602 Del Puerto

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	6.24	10/24/2014 10/24/2014	Pavel Kazi

LM Start	4.23	Rating **	C	Issue No.	53
LM End	4.23	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Animal Control		37.450142 °	37.450142 °	
			-121.039397 °	-121.039397 °	
DWR ID	DWR_RD1602_01_s_2012_53				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					

No Photos

LM Start	4.32	Rating **	M	Issue No.	191
LM End	4.32	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Animal Control		37.448987 °	37.448987 °	
			-121.038574 °	-121.038574 °	
DWR ID	DWR_RD1602_01_s_2014_191				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					

Photo 1 of 1 : FA_2014_RD1602_110_191_20141021_00099.jpg



A rodent hole was found on the waterside toe of the levee looking downstream.

LM Start	4.35	Rating **	C	Issue No.	193
LM End	4.35	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Animal Control		37.448473 °	37.448473 °	
			-121.038264 °	-121.038264 °	
DWR ID	DWR_RD1602_01_s_2014_193				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					

No Photos

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2014

Reclamation District No. 1602 Del Puerto

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	6.24	10/24/2014 10/24/2014	Pavel Kazi

LM Start	4.35	Rating **	M	Issue No.	192
LM End	4.35	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Animal Control		37.448474 °	37.448474 °	
			-121.038265 °	-121.038265 °	
DWR ID	DWR_RD1602_01_s_2014_192				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					

No Photos

LM Start	4.37	Rating **	M	Issue No.	52
LM End	4.37	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Animal Control		37.448327 °	37.448327 °	
			-121.038192 °	-121.038192 °	
DWR ID	DWR_RD1602_01_f_2012_52				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					

Photo 1 of 1 : FA_2014_RD1602_110_52_20141021_00036.jpg



A rodent hole was found on the waterside toe of the levee looking downstream.

LM Start	4.39	Rating **	M	Issue No.	109
LM End	4.39	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Animal Control		37.448076 °	37.448076 °	
			-121.038037 °	-121.038037 °	
DWR ID	DWR_RD1602_01_f_2012_109				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					

Photo 1 of 2 : FA_2014_RD1602_110_109_20141021_00085.jpg



Updated pictures of rodent holes were found on the waterside toe of the levee looking upstream.

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2014

Reclamation District No. 1602 Del Puerto

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	6.24	10/24/2014 10/24/2014	Pavel Kazi

LM Start	4.39	Rating **	M	Issue No.	109 (cont)
LM End	4.39	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Animal Control		37.448076 °	37.448076 °	
			-121.038037 °	-121.038037 °	
DWR ID	DWR_RD1602_01_f_2012_109				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					

Photo 2 of 2 : FA_2014_RD1602_110_109_20141021_00086.jpg



A rodent hole was found on the waterside toe of the levee looking downstream.

LM Start	4.42	Rating **	C	Issue No.	194
LM End	4.42	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Animal Control		37.447484 °	37.447484 °	
			-121.037667 °	-121.037667 °	
DWR ID	DWR_RD1602_01_s_2014_194				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					

No Photos

LM Start	4.42	Rating **	C	Issue No.	195
LM End	4.42	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Animal Control		37.447484 °	37.447484 °	
			-121.037667 °	-121.037667 °	
DWR ID	DWR_RD1602_01_s_2014_195				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					

No Photos

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2014

Reclamation District No. 1602 Del Puerto

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	6.24	10/24/2014 10/24/2014	Pavel Kazi

LM Start	4.46	Rating **	M	Issue No.	48
LM End	4.46	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Animal Control		37.447098 °	37.447098 °	
			-121.037724 °	-121.037724 °	
DWR ID	DWR_RD1602_01_f_2014_48				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					

Photo 1 of 1 : FA_2014_RD1602_110_48_20141027_00126.jpg



View of a rodent hole on the waterside slope of the levee looking from the toe.

LM Start	4.63	Rating **	M	Issue No.	196
LM End	4.63	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Animal Control		37.444762 °	37.444762 °	
			-121.037707 °	-121.037707 °	
DWR ID	DWR_RD1602_01_s_2014_196				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					

Photo 1 of 1 : FA_2014_RD1602_110_196_20141027_00128.jpg



Rodent holes were found on the waterside slope of the levee.

LM Start	4.72	Rating **	C	Issue No.	13
LM End	4.72	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Animal Control		37.443481 °	37.443481 °	
			-121.037736 °	-121.037736 °	
DWR ID	DWR_RD1602_01_s_2012_13				
Action/Comments					
Exterminate rodents and backfill and compact or grout burrows.					

No Photos

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2014

Reclamation District No. 1602 Del Puerto

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	6.24	10/24/2014 10/24/2014	Pavel Kazi

LM Start	4.78	Rating **	C	Issue No.	197
LM End	4.78	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Animal Control		37.442819 °	37.442819 °	
			-121.037214 °	-121.037214 °	
DWR ID	DWR_RD1602_01_s_2014_197				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					

No Photos

LM Start	4.89	Rating **	C	Issue No.	198
LM End	4.89	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Animal Control		37.441400 °	37.441400 °	
			-121.036706 °	-121.036706 °	
DWR ID	DWR_RD1602_01_s_2014_198				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					

No Photos

LM Start	5.13	Rating **	M	Issue No.	199
LM End	5.13	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Animal Control		37.438165 °	37.438165 °	
			-121.037073 °	-121.037073 °	
DWR ID	DWR_RD1602_01_s_2014_199				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					

Photo 1 of 1 : FA_2014_RD1602_110_199_20141021_00102.jpg



Few rodent holes were found on the waterside toe of the levee looking upstream.

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2014

Reclamation District No. 1602 Del Puerto

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	6.24	10/24/2014 10/24/2014	Pavel Kazi

LM Start	5.14	Rating **	C	Issue No.	200
LM End	5.14	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Animal Control		37.437950 °	37.437950 °	
			-121.037032 °	-121.037032 °	
DWR ID	DWR_RD1602_01_s_2014_200				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					

No Photos

LM Start	5.29	Rating **	M	Issue No.	202
LM End	5.29	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Erosion / Bank Caving		37.436041 °	37.436041 °	
			-121.035868 °	-121.035868 °	
DWR ID	DWR_RD1602_01_s_2014_202				
Action/Comments					
Schedule repair of erosion site prior to the next inspection.					

Photo 1 of 1 : FA_2014_RD1602_110_202_20141021_00103.jpg



Erosion was found on the landside slope of the levee looking upstream.

LM Start	5.29	Rating **	C	Issue No.	203
LM End	5.29	Issue Type +	Ma	Location *	CR
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Animal Control		37.436041 °	37.436041 °	
			-121.035867 °	-121.035867 °	
DWR ID	DWR_RD1602_01_s_2014_203				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					

No Photos

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2014

Reclamation District No. 1602 Del Puerto

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	6.24	10/24/2014 10/24/2014	Pavel Kazi

LM Start	5.34	Rating **	M	Issue No.	102
LM End	5.34	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Slope Stability		37.435533 °	37.435533 °	
			-121.035371 °	-121.035371 °	
DWR ID	DWR_RD1602_01_s_2012_102				
Action/Comments					
Repair slope instability.					

Photo 1 of 1 : FA_2014_RD1602_110_102_20141021_00078.jpg



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

LM Start	5.34	Rating **	M	Issue No.	75
LM End	5.54	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		37.435555 °	37.433277 °	
			-121.035362 °	-121.033318 °	
DWR ID	DWR_RD1602_01_s_2012_75				
Action/Comments					
Remove the wild growth other than native grasses from the levee slopes.					

Photo 1 of 2 : FA_2014_RD1602_110_75_20141021_00059.jpg



Vegetation was found on the waterside slope of the levee looking upstream during fall 2013 inspection.

LM Start	5.34	Rating **	M	Issue No.	75 (cont)
LM End	5.54	Issue Type +	Ma	Location *	WS

Photo 2 of 2 : FA_2014_RD1602_110_75_20141021_00060.jpg



Overgrown vegetation was found on the waterside slope of the levee looking upstream.

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2014

Reclamation District No. 1602 Del Puerto

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	6.24	10/24/2014 10/24/2014	Pavel Kazi

LM Start	5.36	Rating **	M	Issue No.	61
LM End	5.50	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		37.435236 °	37.433660 °	
			-121.035271 °	-121.033838 °	
DWR ID	DWR_RD1602_01_s_2012_61				
Action/Comments					
Remove the wild growth other than native grasses from the levee slopes.					

Photo 1 of 2 : FA_2014_RD1602_110_61_20141021_00045.jpg



Updated picture of vegetation on the landside of the levee. The picture was taken from the crown looking upstream during fall 2013 inspection.

LM Start	5.36	Rating **	M	Issue No.	61 (cont)
LM End	5.50	Issue Type +	Ma	Location *	LS

Photo 2 of 2 : FA_2014_RD1602_110_61_20141021_00046.jpg



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

LM Start	5.39	Rating **	M	Issue No.	204
LM End	5.39	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Animal Control		37.434845 °	37.434845 °	
			-121.035100 °	-121.035100 °	
DWR ID	DWR_RD1602_01_s_2014_204				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					

Photo 1 of 1 : FA_2014_RD1602_110_204_20141027_00129.jpg



An animal hole was found on the waterside shoulder of the levee looking downstream.

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