

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2016

Reclamation District No. 2075 McMullin

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	7.45	03/23/2016 03/23/2016	Herman Phillips

LM Start		Rating **	A	Issue No.	9
LM End		Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Operations & Maintenance Manuals			°	°
				°	°
DWR ID	DWR_RD2075_01_f_2014_9				
Comment Code					
Inspector Comment					
RD 2075 has the O&M Manual on file.					

No Photos

LM Start		Rating **	A	Issue No.	10
LM End		Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Emergency Supplies & Equipment			°	°
				°	°
DWR ID	DWR_RD2075_01_f_2014_10				
Comment Code					
Inspector Comment					
RD 2075 has emergency supplies stored in their building.					

No Photos

LM Start		Rating **	A	Issue No.	11
LM End		Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Flood Preparedness & Training			°	°
				°	°
DWR ID	DWR_RD2075_01_f_2014_11				
Comment Code					
Inspector Comment					
RD 2075 has regular training for their work crews, they don't have district crew only trustees, landowners and farmers.					

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
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2016

Reclamation District No. 2075 McMullin

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	7.45	03/23/2016 03/23/2016	Herman Phillips

LM Start	0.09	Rating **	C	Issue No.	8
LM End	0.14	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.748575 °	37.747847 °
				-121.289728 °	-121.289550 °
DWR ID	DWR_RD2075_01_f_2015_8				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
Remove the sprayed weeds from the waterside slope.					

No Photos

LM Start	0.09	Rating **	C	Issue No.	7
LM End	0.47	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.748575 °	37.743222 °
				-121.289728 °	-121.289183 °
DWR ID	DWR_RD2075_01_f_2015_7				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
Remove the sprayed weeds from the levee section.					

No Photos

LM Start	0.10	Rating **	A	Issue No.	18
LM End	5.21	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.748492 °	37.728805 °
				-121.289720 °	-121.275083 °
DWR ID	DWR_RD2075_01_s_2016_18				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
The RD has sprayed the levee section both landside and waterside slopes.					

Photo 1 of 1 : SP_2016_RD2075_315_18_20160404_00031.jpg



Looking downstream from levee mile 0.10 landside slope RD 2075.

* 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	
--	--	---	--	---	--

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2016

Reclamation District No. 2075 McMullin

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	7.45	03/23/2016 03/23/2016	Herman Phillips

LM Start	1.02	Rating **	C	Issue No.	13
LM End	1.15	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.739548 °	37.737835 °
				-121.281257 °	-121.281613 °
DWR ID	DWR_RD2075_01_f_2015_13				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

LM Start	1.14	Rating **	C	Issue No.	15
LM End	1.36	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.737962 °	37.735370 °
				-121.281678 °	-121.282915 °
DWR ID	DWR_RD2075_01_f_2015_15				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

LM Start	5.24	Rating **	M	Issue No.	20
LM End	5.48	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.728493 °	37.725943 °
				-121.274630 °	-121.271827 °
DWR ID	DWR_RD2075_01_s_2016_20				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

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	
--	--	---	--	---	--

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2016

Reclamation District No. 2075 McMullin

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	7.45	03/23/2016 03/23/2016	Herman Phillips

LM Start	5.28	Rating **	M	Issue No.	1
LM End	5.29	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR Erosion Survey			37.727933 °	37.727933 °
				-121.274491 °	-121.274491 °
DWR ID	DWR_RD2075_01_s _ 2016_1				
Comment Code					
Inspector Comment					
08/28/2015: No significant change observed. Loose material is visible at the upper levee slope. The loose soil may have been caused by runoff.					
08/18/2014: No significant change observed.					
09/10/2013: No significant change observed.					
09/13/2012: No significant change observed.					
08/18/2011: No significant change observed. Some new material added to the water side levee slope, but the added material is loose and seems not helping the levee protection.					
10/05/2010: No significant change observed. Levee slope has minimal vegetation and lacks rip rap protection. Sandy material found on the lower and middle slope is an undesirable material to have on a levee.					
08/05/2010: Recommended for annual assessment and monitoring during flood events, per CLRO.					
08/20/2009: No major change since last visit; site is located in an oxbow; slope surface consists of very sandy material; there is a tree on site leaning and with exposed tree roots; site is recommended as a local maintenance issue, per CLRO CES Evaluation 2008 Report; Eddy Cordoza from the district is aware of the site and is looking for recommendation; site is previously rated "U".					
08/17/2007: Site is close to an irrigation pump inlet. [2015 Site ID:RD2075U01RM64.34]					

LM Start	5.28	Rating **	M	Issue No.	1 (cont)
LM End	5.29	Issue Type +	Ma	Location *	WS

Photo 1 of 3 : SP_2016_RD2075_315_1_20160223_00001.jpg



Direct view of the levee slope. Note the loose soil possibly caused by runoff.

Photo 2 of 3 : SP_2016_RD2075_315_1_20160223_00002.jpg



Looking downstream at the erosion site.

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

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2016

Reclamation District No. 2075 McMullin

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	7.45	03/23/2016 03/23/2016	Herman Phillips

LM Start	5.28	Rating **	M	Issue No.	1 (cont)
LM End	5.29	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR Erosion Survey			37.727933 °	37.727933 °
				-121.274491 °	-121.274491 °
DWR ID	DWR_RD2075_01_s _ 2016_1				
Comment Code					
Inspector Comment					
08/28/2015: No significant change observed. Loose material is visible at the upper levee slope. The loose soil may have been caused by runoff.					
08/18/2014: No significant change observed.					
09/10/2013: No significant change observed.					
09/13/2012: No significant change observed.					
08/18/2011: No significant change observed. Some new material added to the water side levee slope, but the added material is loose and seems not helping the levee protection.					
10/05/2010: No significant change observed. Levee slope has minimal vegetation and lacks rip rap protection. Sandy material found on the lower and middle slope is an undesirable material to have on a levee.					
08/05/2010: Recommended for annual assessment and monitoring during flood events, per CLRO.					
08/20/2009: No major change since last visit; site is located in an oxbow; slope surface consists of very sandy material; there is a tree on site leaning and with exposed tree roots; site is recommended as a local maintenance issue, per CLRO CES Evaluation 2008 Report; Eddy Cordoza from the district is aware of the site and is looking for recommendation; site is previously rated "U".					
08/17/2007: Site is close to an irrigation pump inlet. [2015 Site ID:RD2075U01RM64.34]					

Photo 3 of 3 : SP_2016_RD2075_315_1_20160223_00003.jpg



Looking upstream at the site.

LM Start	5.28	Rating **	M	Issue No.	21
LM End	5.57	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.727878 °	37.724743 °
				-121.274295 °	-121.270980 °
DWR ID	DWR_RD2075_01_s _ 2016_21				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

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
--	--	---	--	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2016

Reclamation District No. 2075 McMullin

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	7.45	03/23/2016 03/23/2016	Herman Phillips

LM Start	5.57	Rating **	A	Issue No.	22
LM End	7.43	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.724743 °	37.710421 °
				-121.270982 °	-121.268220 °
DWR ID	DWR_RD2075_01_s _ 2016_22				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

LM Start	5.57	Rating **	A	Issue No.	23
LM End	7.43	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.724743 °	37.710421 °
				-121.270982 °	-121.268220 °
DWR ID	DWR_RD2075_01_s _ 2016_23				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

LM Start	5.69	Rating **	C	Issue No.	17
LM End	6.50	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.723342 °	37.718837 °
				-121.269860 °	-121.258658 °
DWR ID	DWR_RD2075_01_f _ 2015_17				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

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	
--	--	---	--	---	--