

**Flood Control Project Maintenance
Levee Inspections**

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

Reclamation District No. 0755 Randall

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	1.83	03/17/2016 03/17/2016	Herman Phillips

LM Start		Rating **	M	Issue No.	14
LM End		Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Flood Preparedness & Training			°	°
				°	°
DWR ID	DWR_RD0755_01_f_2014_14				
Comment Code					
Inspector Comment					
This district has a knowledge of how to conduct a flood fight but has not taken the class recently.					

No Photos

LM Start		Rating **	M	Issue No.	15
LM End		Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Emergency Supplies & Equipment			°	°
				°	°
DWR ID	DWR_RD0755_01_f_2014_15				
Comment Code					
Inspector Comment					
The emergency supplies was not observed during the inspection.					

No Photos

LM Start		Rating **	M	Issue No.	16
LM End		Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Operations & Maintenance Manuals			°	°
				°	°
DWR ID	DWR_RD0755_01_f_2014_16				
Comment Code					
Inspector Comment					
The engineer for the district has a copy of the O&M Manual but the LMA should also have a copy.					

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 Sacramento River	Left	1.83	03/17/2016 03/17/2016	Herman Phillips

LM Start	0.11	Rating **	A	Issue No.	19
LM End	0.19	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.347080 °	38.346577 °
				-121.537630 °	-121.539075 °
DWR ID	DWR_RD0755_01_s_2016_19				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
Looking downstream st the landside slope form levee mile 0.11 the slope has been sprayed at this location.					

Photo 1 of 1 : SP_2016_RD0755_177_19_20160321_00024.jpg



Looking downstream from levee mile 0.11 landside slope.

LM Start	0.11	Rating **	A	Issue No.	38
LM End	0.17	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.347080 °	38.346745 °
				-121.537630 °	-121.538750 °
DWR ID	DWR_RD0755_01_s_2016_38				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
This section along the waterside appears to have been sprayed.					

Photo 1 of 1 : SP_2016_RD0755_177_38_20160321_00025.jpg



Looking downstream from levee mile 0.11 waterside slope to levee mile 0.17.

* 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 Sacramento River	Left	1.83	03/17/2016 03/17/2016	Herman Phillips

LM Start	0.17	Rating **	U	Issue No.	9
LM End	1.82	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.346752 °	38.336687 °
				-121.538672 °	-121.564615 °
DWR ID	DWR_RD0755_01_f_2015_9				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
Remove the unsatisfactory tall weeds from the waterside levee slope.					

Photo 1 of 1 : SP_2016_RD0755_177_9_20160223_00003.jpg



RD 755 Waterside levee mile 0.17-1.82 levee slope covered with tall weeds such as sweet anise, snap grass and other unsatisfactory weed growth.

LM Start	0.25	Rating **	U	Issue No.	24
LM End	0.51	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.346262 °	38.345668 °
				-121.540047 °	-121.544744 °
DWR ID	DWR_RD0755_01_s_2016_24				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
Tall weed growth on the landside shoulder and slope need spraying.					

Photo 1 of 1 : SP_2016_RD0755_177_24_20160321_00026.jpg



Looking at tall weeds along the landside levee shoulder and slope.

* 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 Sacramento River	Left	1.83	03/17/2016 03/17/2016	Herman Phillips

LM Start	0.43	Rating **	M	Issue No.	25
LM End	0.43	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.345645 °	38.345645 °
				-121.543258 °	-121.543258 °
DWR ID	DWR_RD0755_01_s_2016_25				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

LM Start	0.43	Rating **	M	Issue No.	3
LM End	0.43	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.345593 °	38.345593 °
				-121.543263 °	-121.543263 °
DWR ID	DWR_RD0755_01_f_2014_3				
Comment Code					
E1 : Note and monitor erosion site.					
Inspector Comment					

No Photos

LM Start	0.43	Rating **	M	Issue No.	4
LM End	1.77	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.345593 °	38.337197 °
				-121.543263 °	-121.564147 °
DWR ID	DWR_RD0755_01_f_2014_4				
Comment Code					
A1 : Exterminate rodents and backfill and compact or grout burrows.					
Inspector Comment					
There are bait station along the landside levee slope rodents are very active in this location near the walnut trees.					

Photo 1 of 1 : SP_2016_RD0755_177_4_20160223_00002.jpg



One of many active rodent observed during this inspection.

* 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	

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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	1.83	03/17/2016 03/17/2016	Herman Phillips

LM Start	0.71	Rating **	U	Issue No.	27
LM End	0.86	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.345032 °	38.344352 °
				-121.548230 °	-121.551020 °
DWR ID	DWR_RD0755_01_s_2016_27				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					
Remove the tall weeds from the landside levee slope.					

Photo 1 of 1 : SP_2016_RD0755_177_27_20160321_00027.jpg



Tall weed present on shoulder and slope taller than 15".

LM Start	0.95	Rating **	M	Issue No.	31
LM End	1.04	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.343958 °	38.343605 °
				-121.552457 °	-121.554040 °
DWR ID	DWR_RD0755_01_s_2016_31				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

LM Start	1.09	Rating **	N	Issue No.	6	
LM End	1.09	Issue Type +	Ma	Location *	LS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Trim / Thin Trees			38.343405 °		38.343405 °
				-121.555052 °		-121.555052 °
DWR ID	DWR_RD0755_01_f_2014_6					
Comment Code						
T5 : Tree stumps.						
Inspector Comment						

No Photos

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CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

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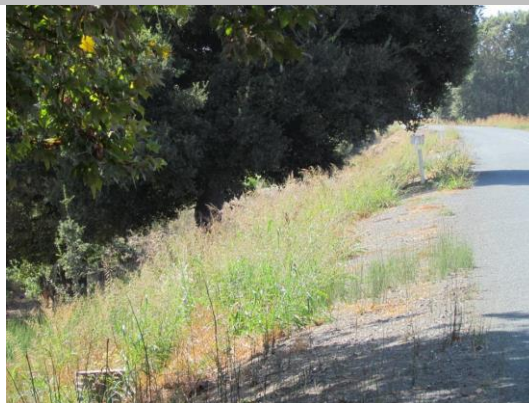
Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2016

Reclamation District No. 0755 Randall

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	1.83	03/17/2016 03/17/2016	Herman Phillips

LM Start	1.11	Rating **	U	Issue No.	17
LM End	1.40	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.343300 °	38.341460 °
				-121.555373 °	-121.559880 °
DWR ID	DWR_RD0755_01_f_2015_17				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
Remove the tall weeds from the levee slope.					

Photo 1 of 1 : SP_2016_RD0755_177_17_20160223_00005.jpg



Unsatisfactory tall weed growth on the landside levee slope.

LM Start	1.24	Rating **	M	Issue No.	1
LM End	1.32	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2015 USACE Erosion Survey, DRAFT			38.343071 °	38.342426 °
				-121.557706 °	-121.559163 °
DWR ID	DWR_RD0755_01_s_2016_1				
Comment Code					
Inspector Comment					
2003 - Toe and lower slope eroding, rock in water and a few pieces on the slope; rock at upstream and downstream ends. 2005 - Looks a little worse. Two major holes with vertical banks and smaller intermittent pockets in between. Stone is present upstream, downstream, and at toe. 2008 - Repaired at both ends (50 ft of new stone) but middle remains unrepaired. 2011 - Site extended downstream to include new scour. 2013 - At the downstream end, behind tree, there is a new animal burrow. Tree has exposed roots. 2015: New rock placed at toe in middle of site, hole remains behind the tree. [2015 Site ID: SAC_35-4_L]					

Photo 1 of 1 : SP_2016_RD0755_177_1_20160223_00001.jpg



USACE 2013 Photo #1

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Unit No. 01 Sacramento River	Left	1.83	03/17/2016 03/17/2016	Herman Phillips

LM Start	1.42	Rating **	U	Issue No.	35
LM End	1.44	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.341243 °	38.341012 °
				-121.560100 °	-121.560313 °
DWR ID	DWR_RD0755_01_s _ 2016_35				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					
Spray the tall weeds on the landside slope.					

Photo 1 of 1 : SP_2016_RD0755_177_35_20160321_00028.jpg



Tall weeds on the landside slope and shoulder.

LM Start	1.48	Rating **	M	Issue No.	36
LM End	1.48	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.340477 °	38.340477 °
				-121.560815 °	-121.560815 °
DWR ID	DWR_RD0755_01_s _ 2016_36				
Comment Code					
E1 : Note and monitor erosion site.					
Inspector Comment					

No Photos

LM Start	1.57	Rating **	A	Issue No.	37
LM End	1.73	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.339480 °	38.337640 °
				-121.561728 °	-121.563757 °
DWR ID	DWR_RD0755_01_s _ 2016_37				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

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WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
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