

**Flood Control Project Maintenance  
Levee Inspections**

**Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2015**

**Reclamation District No. 0554 Walnut Grove**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	1.13	09/24/2015 09/24/2015	Herman Phillips

LM Start		Rating **	A	Issue No.	3		
LM End		Issue Type +	Ma	Location *	LS		
Category	Earthen Levee			GPS Latitude/Longitude			
				Start		End	
Item	Flood Preparedness & Training				°		°
					°		°
DWR ID	DWR_RD0554_01_f_2014_3						
Action/Comments							
Inspector Comments: The district is prepared to partner with neighboring Districts as in the past.							

No Photos

LM Start		Rating **	A	Issue No.	35		
LM End		Issue Type +	Ma	Location *	LS		
Category	Earthen Levee			GPS Latitude/Longitude			
				Start		End	
Item	Operations & Maintenance Manuals				°		°
					°		°
DWR ID	DWR_RD0554_01_f_2014_35						
Action/Comments							
Inspector Comments: The district has the O&M Manual on hand.							

No Photos

LM Start		Rating **	A	Issue No.	36		
LM End		Issue Type +	Ma	Location *	LS		
Category	Earthen Levee			GPS Latitude/Longitude			
				Start		End	
Item	Emergency Supplies & Equipment				°		°
					°		°
DWR ID	DWR_RD0554_01_f_2014_36						
Action/Comments							
Inspector Comments: The district shares with neighboring district, RD 551.							

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> 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	1.13	09/24/2015 09/24/2015	Herman Phillips

LM Start	0.05	Rating **	M	Issue No.	32
LM End	0.36	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.249050 °	38.244872 °
				-121.509977 °	-121.511595 °
DWR ID	DWR_RD0554_01_f_2015_32				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements. Inspector Comments: This section on the waterside has growth covering the fence at levee mile 0.05. The District has scheduled a crew to do some spraying next week 9-29-2015.					

Photo 1 of 1 : FA\_2015\_RD0554\_176\_32\_20150924\_00012.jpg



RD 554 levee mile 0.05 waterside slope.

LM Start	0.10	Rating **	U	Issue No.	11
LM End	0.10	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.248262 °	38.248262 °
				-121.509901 °	-121.509901 °
DWR ID	DWR_RD0554_01_s_2014_11				
Action/Comments					
Note and monitor erosion site. Inspector Comments: This is not a new erosion site, repairs are needed. One tree has fallen into the Sac River at the erosion site. This site can be seen better from the river by boat. The wild grapes blocks the view from the waterside shoulder looking down the slope.					

Photo 1 of 1 : FA\_2015\_RD0554\_176\_11\_20150915\_00003.jpg



Erosion on waterside toe dead tree fallen at erosion site.

LM Start	0.26	Rating **	M	Issue No.	1
LM End	0.36	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2015 USACE Erosion Survey, DRAFT			38.246222 °	38.245017 °
				-121.510878 °	-121.511740 °
DWR ID					
Action/Comments					
Inspector Comments: 2009 - Tension cracks on road on top of levee. Erosion into the levee slope and mass failure. 2013 - Short vertical sections at bank toe. 2015: No observed changes. [2015 Site ID: SAC_27-0_L]					

Photo 1 of 2 : USACE2013A\_SAC\_27-0\_L\_6.jpg



USACE 2013 Photo #1

* 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	1.13	09/24/2015 09/24/2015	Herman Phillips

LM Start	0.26	Rating **	M	Issue No.	1 (cont)
LM End	0.36	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2015 USACE Erosion Survey, DRAFT			38.246222 °	38.245017 °
				-121.510878 °	-121.511740 °
DWR ID					
Action/Comments					
Inspector Comments: 2009 - Tension cracks on road on top of levee. Erosion into the levee slope and mass failure. 2013 - Short vertical sections at bank toe. 2015: No observed changes. [2015 Site ID: SAC_27-0_L]					

Photo 2 of 2 : USACE2013A\_SAC\_27-0\_L\_8.jpg



USACE 2013 Photo #2

LM Start	0.32	Rating **	U	Issue No.	13
LM End	0.32	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.245389 °	38.245389 °
				-121.511085 °	-121.511085 °
DWR ID	DWR_RD0554_01_s_2014_13				
Action/Comments					
Schedule repair of erosion site prior to the next inspection.					
Inspector Comments: The District has scheduled repairs this season.					

Photo 1 of 1 : FA\_2015\_RD0554\_176\_13\_20150928\_00015.jpg



This erosion along the landside levee slope is not new, it was reported two years ago.

LM Start	0.77	Rating **	U	Issue No.	20
LM End	0.81	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.240128 °	38.239630 °
				-121.515974 °	-121.516418 °
DWR ID	DWR_RD0554_01_s_2014_20				
Action/Comments					
Thin trees to allow visibility of the ground and room to flood fight. Inspector Comments: Woody growth of trees has blocked the view of this levee section.					

Photo 1 of 1 : FA\_2015\_RD0554\_176\_20\_20150924\_00013.jpg



Woody tree growth on the landside shoulder and slope.

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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	1.13	09/24/2015 09/24/2015	Herman Phillips

LM Start	0.82	Rating **	M	Issue No.	33
LM End	1.11	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.239527 °	38.235337 °
				-121.516440 °	-121.517170 °
DWR ID	DWR_RD0554_01_f _ 2015_33				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements. Inspector Comments: There is weed growth on the waterside levee slope, the District has scheduled to have the vegetation sprayed.					

No Photos

LM Start	0.88	Rating **	M	Issue No.	10
LM End	0.93	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.238619 °	38.237930 °
				-121.516862 °	-121.516812 °
DWR ID	DWR_RD0554_01_s _ 2014_10				
Action/Comments					
Remove the wild growth other than native grasses from the levee slopes. Inspector Comments: There are young trees along the landside levee slope that need to be removed and some need to be trimmed that are blocking visibility or access to the levee section.					

No Photos

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