

**Flood Control Project Maintenance  
Levee Inspections**

**Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2019**

**Reclamation District No. 0554 Walnut Grove**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	1.13	10/22/2019 10/22/2019	David Julian

LM Start		Rating **	A	Issue No.	<b>3</b>
LM End		Issue Type +	Ma	Location *	
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Flood Preparedness & Training		o	o	o
DWR ID	DWR_RD0554_01_f_2014_3				
Comment Code					
Inspector Comment					
The district is prepared to partner with neighboring Districts as in the past.					

No Photos

LM Start		Rating **	A	Issue No.	<b>35</b>
LM End		Issue Type +	Ma	Location *	
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Operations & Maintenance Manuals		o	o	o
DWR ID	DWR_RD0554_01_f_2014_35				
Comment Code					
Inspector Comment					
The district has the O&M Manual on hand.					

No Photos

LM Start		Rating **	A	Issue No.	<b>36</b>
LM End		Issue Type +	Ma	Location *	
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Emergency Supplies & Equipment		o	o	o
DWR ID	DWR_RD0554_01_f_2019_36				
Comment Code					
Inspector Comment					
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	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Unit No. 01 Sacramento River	Left	1.13	10/22/2019 10/22/2019	David Julian

LM Start	<b>0.02</b>	Rating **	M	Issue No.	<b>31</b>
LM End	<b>0.17</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.249449 °	38.247375 °	
			-121.510017 °	-121.509990 °	
DWR ID	DWR_RD0554_01_f_2016_31				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					

Photo 1 of 1 : FA\_2019\_RD0554\_176\_31\_20191024\_00072.jpg



View looking downstream at vegetation on the waterside slope (Fall 2019).

LM Start	<b>0.10</b>	Rating **	M	Issue No.	<b>11</b>
LM End	<b>0.10</b>	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				
Comment Code					
E2 : Schedule repair of erosion site prior to the next inspection.					
Inspector Comment					
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 block the view from the waterside shoulder looking down the slope. Rated as M because it is an oversized levee section.					

Photo 1 of 1 : FA\_2019\_RD0554\_176\_11\_20191024\_00073.jpg



View looking upstream at erosion site on the waterside (Fall 2019).

LM Start	<b>0.24</b>	Rating **	U	Issue No.	<b>28</b>
LM End	<b>0.35</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.246473 °	38.244993 °	
			-121.510509 °	-121.511538 °	
DWR ID	DWR_RD0554_01_f_2017_28				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					

Photo 1 of 1 : FA\_2019\_RD0554\_176\_28\_20191024\_00074.jpg



View looking downstream at thick vegetation on the waterside slope (Fall 2019).

<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	10/22/2019 10/22/2019	David Julian

LM Start	<b>0.26</b>	Rating **	M	Issue No.	<b>24</b>
LM End	<b>0.36</b>	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2017 USACE Erosion Survey			38.246222°	38.245017°
				-121.510878°	-121.511740°
DWR ID	DWR_RD0554_01_f_2018_24				
Comment Code					
Inspector Comment					
2017 Site ID: SAC 27.0 L Status: Eroding 2017 Field Notes: Minor new erosion at toe. Site History: 2009 - Tension cracks on road on top of levee. Erosion into the levee slope and mass failure. 2013 - Short vertical sections at bank toe.					

Photo 1 of 2 : FA\_2019\_RD0554\_176\_24\_20190826\_00005.jpg



USACE 2013 Photo #1

LM Start	<b>0.26</b>	Rating **	M	Issue No.	<b>24 (cont)</b>
LM End	<b>0.36</b>	Issue Type +	Ma	Location *	WS

Photo 2 of 2 : FA\_2019\_RD0554\_176\_24\_20190826\_00006.jpg



USACE 2013 Photo #2

<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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Unit No. 01 Sacramento River	Left	1.13	10/22/2019 10/22/2019	David Julian

LM Start	<b>0.31</b>	Rating **	U	Issue No.	<b>51</b>
LM End	<b>0.35</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.245515°	38.244950°	
			-121.511083°	-121.511493°	
DWR ID	DWR_RD0554_01_f_2019_51				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					

Photo 1 of 1 : FA\_2019\_RD0554\_176\_51\_20191024\_00083.jpg



View looking upstream at thick vegetation on the landside slope (Fall 2019).

LM Start	<b>0.32</b>	Rating **	U	Issue No.	<b>13</b>
LM End	<b>0.32</b>	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				
Comment Code					
E2 : Schedule repair of erosion site prior to the next inspection.					
Inspector Comment					
This erosion isn't repaired to date. Large bush growing in eroded gully. Needs repairing.					

Photo 1 of 3 : FA\_2019\_RD0554\_176\_13\_20190826\_00002.jpg



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

LM Start	<b>0.32</b>	Rating **	U	Issue No.	<b>13 (cont)</b>
LM End	<b>0.32</b>	Issue Type +	Ma	Location *	LS

Photo 2 of 3 : FA\_2019\_RD0554\_176\_13\_20190826\_00003.jpg



This erosion site along the landside slope levee 0.32 has been reported and has not been repaired.

<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	10/22/2019 10/22/2019	David Julian

LM Start	<b>0.32</b>	Rating **	U	Issue No.	<b>13 (cont)</b>
LM End	<b>0.32</b>	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				
Comment Code					
E2 : Schedule repair of erosion site prior to the next inspection.					
Inspector Comment					
This erosion isn't repaired to date. Large bush growing in eroded gully. Needs repairing.					

Photo 3 of 3 : FA\_2019\_RD0554\_176\_13\_20190826\_00004.jpg



This erosion is not repaired to date. Large bush growing in eroded gully. Needs repairing.

LM Start	<b>0.35</b>	Rating **	M	Issue No.	<b>45</b>
LM End	<b>0.35</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.245070°	38.245070°
				-121.511437°	-121.511437°
DWR ID	DWR_RD0554_01_f_2019_45				
Comment Code					
TR : Tree or limb					
Inspector Comment					
Remove fallen tree.					

Photo 1 of 1 : FA\_2019\_RD0554\_176\_45\_20191024\_00075.jpg



View looking downstream at down tree on the waterside slope (Fall 2019).

<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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Unit No. 01 Sacramento River	Left	1.13	10/22/2019 10/22/2019	David Julian

LM Start	<b>0.45</b>	Rating **	U	Issue No.	<b>32</b>
LM End	<b>0.49</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.243818°	38.243389°
				-121.512459°	-121.512919°
DWR ID	DWR_RD0554_01_f_2017_32				
Comment Code					
T2 : Thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comment					

Photo 1 of 1 : FA\_2019\_RD0554\_176\_32\_20191024\_00076.jpg



View looking downstream at thick trees on the waterside slope (Fall 2019).

LM Start	<b>0.59</b>	Rating **	M	Issue No.	<b>46</b>
LM End	<b>0.59</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.242125°	38.242125°
				-121.514080°	-121.514080°
DWR ID	DWR_RD0554_01_f_2019_46				
Comment Code					
T2 : Thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comment					

No Photos

LM Start	<b>0.81</b>	Rating **	U	Issue No.	<b>49</b>
LM End	<b>0.81</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.239587°	38.239587°
				-121.516353°	-121.516353°
DWR ID	DWR_RD0554_01_f_2019_49				
Comment Code					
T2 : Thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comment					

Photo 1 of 1 : FA\_2019\_RD0554\_176\_49\_20191024\_00080.jpg



View looking upstream at thick trees on the landside slope (Fall 2019).

<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	10/22/2019 10/22/2019	David Julian

LM Start	<b>0.82</b>	Rating **	M	Issue No.	<b>47</b>
LM End	<b>0.83</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.239432°	38.239320°	
			-121.516480°	-121.516667°	
DWR ID	DWR_RD0554_01_f_2019_47				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					

Photo 1 of 1 : FA\_2019\_RD0554\_176\_47\_20191024\_00079.jpg



View looking upstream at vegetation on the landside slope (Fall 2019).

LM Start	<b>0.89</b>	Rating **	U	Issue No.	<b>30</b>
LM End	<b>0.95</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Trim / Thin Trees		38.238603°	38.237638°	
			-121.517013°	-121.516871°	
DWR ID	DWR_RD0554_01_f_2016_30				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

Photo 1 of 1 : FA\_2019\_RD0554\_176\_30\_20191024\_00078.jpg



View looking upstream at thick trees on the landside slope (Fall 2019).

LM Start	<b>1.00</b>	Rating **	U	Issue No.	<b>37</b>
LM End	<b>1.13</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Trim / Thin Trees		38.236991°	38.235232°	
			-121.516812°	-121.517341°	
DWR ID	DWR_RD0554_01_f_2019_37				
Comment Code					
T2 : Thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comment					

Photo 1 of 1 : FA\_2019\_RD0554\_176\_37\_20191024\_00077.jpg



View of looking downstream at thick trees on the waterside slope (Fall 2019).

<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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