

**Flood Control Project Maintenance  
Levee Inspections**

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

**Reclamation District No. 2062 Stewart**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	2.64	10/02/2019 10/02/2019	Alberto De Leon

LM Start		Rating **	A	Issue No.	2
LM End		Issue Type +	Ma	Location *	
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Operations & Maintenance Manuals		o		o
			o		o
DWR ID	DWR_RD2062_01_f_2013_2				
Comment Code					
Inspector Comment					
The O&M Manual is available at the LMA's office.					

No Photos

LM Start		Rating **	A	Issue No.	5
LM End		Issue Type +	Ma	Location *	
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Emergency Supplies & Equipment		o		o
			o		o
DWR ID	DWR_RD2062_01_s_2013_5				
Comment Code					
Inspector Comment					
Adequate flood fight supplies are available on-site.					

No Photos

LM Start		Rating **	A	Issue No.	8
LM End		Issue Type +	Ma	Location *	
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Flood Preparedness & Training		o		o
			o		o
DWR ID	DWR_RD2062_01_s_2013_8				
Comment Code					
Inspector Comment					
The LMA has a flood fight emergency response plan. LMA has attended DWR flood fight training class.					

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 San Joaquin River	Left	2.64	10/02/2019 10/02/2019	Alberto De Leon

LM Start	<b>0.00</b>	Rating **	M	Issue No.	<b>11</b>
LM End	<b>0.76</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		37.807461°	37.804875°	
			-121.328057°	-121.315880°	
DWR ID	DWR_RD2062_01_f_2019_11				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					

Photo 1 of 1 : FA\_2019\_RD2062\_309\_11\_20191111\_00011.jpg



View of vegetation on waterside slope. Fall 2019

LM Start	<b>0.81</b>	Rating **	C	Issue No.	<b>7</b>
LM End	<b>0.81</b>	Issue Type +	Ma	Location *	CR
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Crown Surface / Depressions / Rutting		37.804623°	37.804623°	
			-121.314943°	-121.314943°	
DWR ID	DWR_RD2062_01_s_2019_7				
Comment Code					
C2 : Repair depressions or ruts in the crown or slope.					
Inspector Comment					
RD has repaired ruts on crown surface.					

No Photos

LM Start	<b>0.94</b>	Rating **	M	Issue No.	<b>10</b>
LM End	<b>2.01</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		37.803317°	37.793050°	
			-121.313639°	-121.310021°	
DWR ID	DWR_RD2062_01_f_2019_10				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					

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>N : Not Inspected/Rated</b> 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 San Joaquin River	Left	2.64	10/02/2019 10/02/2019	Alberto De Leon

LM Start	<b>2.01</b>	Rating **	U	Issue No.	<b>9</b>
LM End	<b>2.09</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		37.793068°	37.794010°	
			-121.310008°	-121.309373°	
DWR ID	DWR_RD2062_01_f_2019_9				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					

Photo 1 of 1 : FA\_2019\_RD2062\_309\_9\_20191027\_00010.jpg



View of vegetation on waterside slope. Fall 2019

LM Start	<b>2.09</b>	Rating **	M	Issue No.	<b>6</b>
LM End	<b>2.51</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		37.794010°	37.788784°	
			-121.309373°	-121.308884°	
DWR ID	DWR_RD2062_01_f_2019_6				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					

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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**Reclamation District No. 2062 Stewart**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Paradise Cut	Right	3.96	10/02/2019 10/02/2019	Alberto De Leon

LM Start	<b>0.00</b>	Rating **	M	Issue No.	<b>27</b>
LM End	<b>0.19</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.777815°	37.779984°
				-121.333054°	-121.335088°
DWR ID	DWR_RD2062_02_f_2019_27				
Comment Code					
A1 : Exterminate rodents and backfill and compact or grout burrows.					
Inspector Comment					

No Photos

LM Start	<b>0.00</b>	Rating **	M	Issue No.	<b>24</b>
LM End	<b>0.77</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.777815°	37.786367°
				-121.333054°	-121.341881°
DWR ID	DWR_RD2062_02_f_2019_24				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					

No Photos

LM Start	<b>1.12</b>	Rating **	M	Issue No.	<b>10</b>
LM End	<b>3.21</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.789666°	37.804653°
				-121.346854°	-121.379183°
DWR ID	DWR_RD2062_02_f_2019_10				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					

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>N : Not Inspected/Rated</b> 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. 02 Paradise Cut	Right	3.96	10/02/2019 10/02/2019	Alberto De Leon

LM Start	<b>1.51</b>	Rating **	U	Issue No.	<b>23</b>
LM End	<b>1.51</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.793014 °	37.793014 °
				-121.352582 °	-121.352582 °
DWR ID	DWR_RD2062_02_f_2019_23				
Comment Code					
T3 : Trim and thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comment					

Photo 1 of 1 : FA\_2019\_RD2062\_310\_23\_20191027\_00030.jpg



View of tree on landside slope. Fall 2019

LM Start	<b>1.79</b>	Rating **	M	Issue No.	<b>14</b>
LM End	<b>1.79</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.795289 °	37.795289 °
				-121.356750 °	-121.356750 °
DWR ID	DWR_RD2062_02_f_2019_14				
Comment Code					
DE : Debris					
Inspector Comment					

No Photos

LM Start	<b>2.13</b>	Rating **	M	Issue No.	<b>13</b>
LM End	<b>2.13</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.798103 °	37.798103 °
				-121.361789 °	-121.361789 °
DWR ID	DWR_RD2062_02_f_2019_13				
Comment Code					
A1 : Exterminate rodents and backfill and compact or grout burrows.					
Inspector Comment					

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>N : Not Inspected/Rated</b> 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. 02 Paradise Cut	Right	3.96	10/02/2019 10/02/2019	Alberto De Leon

LM Start	<b>2.13</b>	Rating **	M	Issue No.	<b>12</b>
LM End	<b>2.13</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.798104°	37.798104°
				-121.361789°	-121.361789°
DWR ID	DWR_RD2062_02_f_2019_12				
Comment Code					
A1 : Exterminate rodents and backfill and compact or grout burrows.					
Inspector Comment					

No Photos

LM Start	<b>2.23</b>	Rating **	M	Issue No.	<b>11</b>
LM End	<b>2.23</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.798909°	37.798909°
				-121.363258°	-121.363258°
DWR ID	DWR_RD2062_02_f_2019_11				
Comment Code					
A1 : Exterminate rodents and backfill and compact or grout burrows.					
Inspector Comment					

No Photos

LM Start	<b>2.49</b>	Rating **	C	Issue No.	<b>22</b>
LM End	<b>2.49</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.801227°	37.801227°
				-121.367131°	-121.367131°
DWR ID	DWR_RD2062_02_s_2019_22				
Comment Code					
PR : Prunings					
Inspector Comment					

No Photos

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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Paradise Cut	Right	3.96	10/02/2019 10/02/2019	Alberto De Leon

LM Start	<b>3.14</b>	Rating **	C	Issue No.	<b>21</b>
LM End	<b>3.14</b>	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Crown Surface / Depressions / Rutting			37.804538°	37.804538°
				-121.377946°	-121.377946°
DWR ID	DWR_RD2062_02_s_2019_21				
Comment Code					
C2 : Repair depressions or ruts in the crown or slope.					
Inspector Comment					

No Photos

LM Start	<b>3.30</b>	Rating **	C	Issue No.	<b>20</b>
LM End	<b>3.30</b>	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Crown Surface / Depressions / Rutting			37.805013°	37.805013°
				-121.380690°	-121.380690°
DWR ID	DWR_RD2062_02_s_2019_20				
Comment Code					
C2 : Repair depressions or ruts in the crown or slope.					
Inspector Comment					

No Photos

LM Start	<b>3.37</b>	Rating **	C	Issue No.	<b>19</b>
LM End	<b>3.37</b>	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Crown Surface / Depressions / Rutting			37.805302°	37.805302°
				-121.381964°	-121.381964°
DWR ID	DWR_RD2062_02_s_2019_19				
Comment Code					
C2 : Repair depressions or ruts in the crown or slope.					
Inspector Comment					

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>N : Not Inspected/Rated</b> 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. 02 Paradise Cut	Right	3.96	10/02/2019 10/02/2019	Alberto De Leon

LM Start	<b>3.48</b>	Rating **	C	Issue No.	<b>18</b>
LM End	<b>3.48</b>	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Crown Surface / Depressions / Rutting			37.805692°	37.805692°
				-121.383837°	-121.383837°
DWR ID	DWR_RD2062_02_s_2019_18				
Comment Code					
C2 : Repair depressions or ruts in the crown or slope.					
Inspector Comment					

No Photos

LM Start	<b>3.74</b>	Rating **	M	Issue No.	<b>17</b>
LM End	<b>3.74</b>	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Crown Surface / Depressions / Rutting			37.806798°	37.806798°
				-121.388427°	-121.388427°
DWR ID	DWR_RD2062_02_s_2019_17				
Comment Code					
C2 : Repair depressions or ruts in the crown or slope.					
Inspector Comment					

No Photos

LM Start	<b>3.77</b>	Rating **	M	Issue No.	<b>9</b>
LM End	<b>3.96</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.807013°	37.809286°
				-121.388964°	-121.390327°
DWR ID	DWR_RD2062_02_f_2019_9				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					

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>N : Not Inspected/Rated</b> 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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**Reclamation District No. 2062 Stewart**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Old River	Left	5.55	10/02/2019 10/02/2019	Alberto De Leon

LM Start	<b>-0.03</b>	Rating **	M	Issue No.	<b>1</b>
LM End	<b>0.07</b>	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR Erosion Survey		37.809514 °	37.809514 °	
			-121.390125 °	-121.390125 °	
DWR ID	RD2062U03RM29.94				
Comment Code					
Inspector Comment					
Site ID: RD2062U03RM29.94 08/14/2019: No significant change observed. 09/13/2017: The erosion site has expanded significantly along the river bank. 11/09/2016: No significant change observed. 06/25/2015: The erosion is below a large oak tree. Vegetation is visible around the erosion site.					

Photo 1 of 3 : SJR2019\_RD2062U03RM29.94\_4.jpg



Front view of the erosion site. Note the large tree above the erosion.

LM Start	<b>-0.03</b>	Rating **	M	Issue No.	<b>1 (cont)</b>
LM End	<b>0.07</b>	Issue Type +	Ma	Location *	

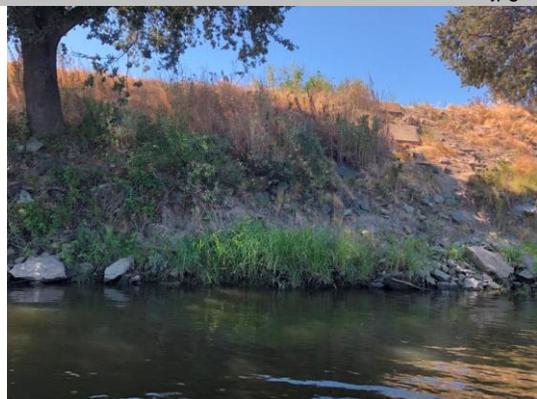
Photo 2 of 3 : SJR2019\_RD2062U03RM29.94\_10.jpg



Close-up view of the erosion.

LM Start	<b>-0.03</b>	Rating **	M	Issue No.	<b>1 (cont)</b>
LM End	<b>0.07</b>	Issue Type +	Ma	Location *	

Photo 3 of 3 : SJR2019\_RD2062U03RM29.94\_3.jpg



Close-up view of the erosion.

<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>N : Not Inspected/Rated</b> 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. 03 Old River	Left	5.55	10/02/2019 10/02/2019	Alberto De Leon

LM Start	<b>0.01</b>	Rating **	M	Issue No.	<b>39</b>
LM End	<b>1.31</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.809337°	37.820322°
				-121.390284°	-121.377146°
DWR ID	DWR_RD2062_03_f_2019_39				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					

No Photos

LM Start	<b>0.01</b>	Rating **	M	Issue No.	<b>23</b>
LM End	<b>3.18</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.809382°	37.819574°
				-121.390258°	-121.348635°
DWR ID	DWR_RD2062_03_s_2019_23				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					

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. 03 Old River	Left	5.55	10/02/2019 10/02/2019	Alberto De Leon

LM Start	<b>0.09</b>	Rating **	U	Issue No.	<b>2</b>
LM End	<b>0.12</b>	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR Erosion Survey		37.809932°	37.809932°	
			-121.388788°	-121.388788°	
DWR ID	RD2062U03RM30.02				
Comment Code					
Inspector Comment					
Site ID: RD2062U03RM30.02					
08/14/2019: The erosion has extended downstream by approximately 60 ft.					
09/13/2017: The erosion site has expanded significantly with the erosion length increased to approximately 90 ft from 40 ft. Signs of animal activities have been found at the site.					
07/25/2016: No significant change observed.					
06/25/2015: No significant change observed.					
07/02/2014: No significant change observed.					
08/13/2013: No significant change observed.					
08/07/2012: The site has been visited by boat survey. No significant change observed					
08/23/2011: Hard to view the erosion because of the dense vegetation and trees on site. The site is under the bush, close to the tree.					

LM Start	<b>0.09</b>	Rating **	U	Issue No.	<b>2 (cont)</b>
LM End	<b>0.12</b>	Issue Type +	Ma	Location *	

Photo 1 of 3 : SJR2019\_RD2062U03RM30.02\_1.jpg



Front view of the site.

Photo 2 of 3 : SJR2019\_RD2062U03RM30.02\_3.jpg



Close-up view of the erosion. Note signs of animal activities at the site..

<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. 03 Old River	Left	5.55	10/02/2019 10/02/2019	Alberto De Leon

LM Start	<b>0.09</b>	Rating **	U	Issue No.	<b>2 (cont)</b>
LM End	<b>0.12</b>	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR Erosion Survey			37.809932°	37.809932°
				-121.388788°	-121.388788°
DWR ID	RD2062U03RM30.02				
Comment Code					
Inspector Comment					
Site ID: RD2062U03RM30.02 08/14/2019: The erosion has extended downstream by approximately 60 ft. 09/13/2017: The erosion site has expanded significantly with the erosion length increased to approximately 90 ft from 40 ft. Signs of animal activities have been found at the site. 07/25/2016: No significant change observed. 06/25/2015: No significant change observed. 07/02/2014: No significant change observed. 08/13/2013: No significant change observed. 08/07/2012: The site has been visited by boat survey. No significant change observed 08/23/2011: Hard to view the erosion because of the dense vegetation and trees on site. The site is under the bush, close to the tree.					

Photo 3 of 3 : SJR2019\_RD2062U03RM30.02\_4.jpg



Close-up view of the erosion.

LM Start	<b>0.17</b>	Rating **	M	Issue No.	<b>3</b>
LM End	<b>0.17</b>	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR Erosion Survey			37.810268°	37.810268°
				-121.387495°	-121.387495°
DWR ID	RD2062U03RM30.1				
Comment Code					
Inspector Comment					
Site ID: RD2062U03RM30.1 08/14/2019: No significant change observed. 09/13/2017: No significant change observed. 07/25/2016: No significant change observed. 06/25/2015: No significant change observed. 07/02/2014: No significant change observed. 08/13/2013: No significant change observed. 08/07/2012: The site has been visited by boat survey. No significant change observed 08/23/2011: The protection at the levee toe has been washed away.					

Photo 1 of 3 : SJR2019\_RD2062U03RM30.10\_3.jpg



Direct view of the site.

<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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**Flood Control Project Maintenance  
Levee Inspections**

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

**Reclamation District No. 2062 Stewart**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Old River	Left	5.55	10/02/2019 10/02/2019	Alberto De Leon

LM Start	<b>0.33</b>	Rating **	M	Issue No.	<b>43</b>
LM End	<b>0.33</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Trim / Thin Trees		37.810952°	37.810952°	
			-121.384748°	-121.384748°	
DWR ID	DWR_RD2062_03_f_2019_43				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

LM Start	<b>0.35</b>	Rating **	M	Issue No.	<b>5</b>
LM End	<b>0.35</b>	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR Erosion Survey		37.811101°	37.811101°	
			-121.384402°	-121.384402°	
DWR ID	RD2062U03RM30.27				
Comment Code					
Inspector Comment					
Site ID: RD2062U03RM30.27					
08/14/2019: No significant change observed.					
09/13/2017: No significant change observed.					
07/25/2016: No significant change observed.					
06/25/2015: No significant change observed.					
07/02/2014: No significant change observed.					
08/13/2013: No significant change observed.					
08/07/2012: The site has been visited by boat survey. No significant change observed					
08/23/2011: The site is right at the downstream of a river bend.					

Photo 1 of 3 : SJR2019\_RD2062U03RM30.27\_10.jpg



Front view of the erosion.

<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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**Flood Control Project Maintenance  
Levee Inspections**

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

**Reclamation District No. 2062 Stewart**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Old River	Left	5.55	10/02/2019 10/02/2019	Alberto De Leon

LM Start	<b>0.51</b>	Rating **	C	Issue No.	<b>38</b>
LM End	<b>0.51</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			37.812552°	37.812552°
				-121.382781°	-121.382781°
DWR ID	DWR_RD2062_03_s_2016_38				
Comment Code					
E2 : Schedule repair of erosion site prior to the next inspection.					
Inspector Comment					
RD has repaired erosion. Fall 2019					

No Photos

LM Start	<b>0.55</b>	Rating **	M	Issue No.	<b>7</b>
LM End	<b>0.56</b>	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR Erosion Survey			37.813070°	37.813070°
				-121.383100°	-121.383100°
DWR ID	RD2062U03RM30.43				
Comment Code					
Inspector Comment					
<p>Site ID: RD2062U03RM30.43                      08/14/2019: No significant change observed.                      09/13/2017: No significant change observed.                      07/25/2016: No significant change observed.                      06/25/2015: No significant change observed.                      07/02/2014: No significant change observed.                      08/13/2013: No significant change observed.                      08/07/2012: The site has been visited by boat survey. No significant change observed.                      08/23/2011: No significant change observed on site.                      09/07/2010: No significant change observed on site. Much of the placed rip rap revetment has slid. It is no longer adequately protecting the slope.                      08/06/2010: Recommended as local maintenance issue, per CLRO Report.                      03/09/2010: As discussed with Michael Moncrief of MBK, site will be 'addressed' this year.                      09/29/2009: No major change observed since last visit; a section of the rip rap has slipped, exposing a levee section that has eroded; recommended as local maintenance issue, per CLRO CES Evaluation 2008 Report; Site # is the same as RM30.43,LM0.63; previously rated "U".                      11/05/2008: Site is located inside of a bend; scarp looks to be into the levee prism; piles of concrete chunks placed on the slope, with some of them already starting to slide.</p>					

Photo 1 of 3 : SJR2019\_RD2062U03RM30.43\_3.jpg



Close-up view of the site.

<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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**Flood Control Project Maintenance  
Levee Inspections**

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

**Reclamation District No. 2062 Stewart**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Old River	Left	5.55	10/02/2019 10/02/2019	Alberto De Leon

LM Start	<b>0.55</b>	Rating **	M	Issue No.	<b>7 (cont)</b>
LM End	<b>0.56</b>	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR Erosion Survey			37.813070°	37.813070°
				-121.383100°	-121.383100°
DWR ID	RD2062U03RM30.43				
Comment Code					
Inspector Comment					
<p>Site ID: RD2062U03RM30.43                  08/14/2019: No significant change observed.                  09/13/2017: No significant change observed.                  07/25/2016: No significant change observed.                  06/25/2015: No significant change observed.                  07/02/2014: No significant change observed.                  08/13/2013: No significant change observed.                  08/07/2012: The site has been visited by boat survey. No significant change observed.                  08/23/2011: No significant change observed on site.                  09/07/2010: No significant change observed on site. Much of the placed rip rap revetment has slid. It is no longer adequately protecting the slope.                  08/06/2010: Recommended as local maintenance issue, per CLRO Report.                  03/09/2010: As discussed with Michael Moncrief of MBK, site will be 'addressed' this year.                  09/29/2009: No major change observed since last visit; a section of the rip rap has slipped, exposing a levee section that has eroded; recommended as local maintenance issue, per CLRO CES Evaluation 2008 Report; Site # is the same as RM30.43,LM0.63; previously rated "U".                  11/05/2008: Site is located inside of a bend; scarp looks to be into the levee prism; piles of concrete chunks placed on the slope, with some of them already starting to slide.</p>					

Photo 2 of 3 : SJR2019\_RD2062U03RM30.43\_2.jpg



Front view of the site.

LM Start	<b>0.55</b>	Rating **	M	Issue No.	<b>7 (cont)</b>
LM End	<b>0.56</b>	Issue Type +	Ma	Location *	

Photo 3 of 3 : SJR2019\_RD2062U03RM30.43\_4.jpg



Front view of the site.

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

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

**Reclamation District No. 2062 Stewart**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Old River	Left	5.55	10/02/2019 10/02/2019	Alberto De Leon

LM Start	<b>0.75</b>	Rating **	M	Issue No.	<b>41</b>
LM End	<b>0.75</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.815440°	37.815440°
				-121.381511°	-121.381511°
DWR ID	DWR_RD2062_03_f_2019_41				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

LM Start	<b>1.03</b>	Rating **	M	Issue No.	<b>40</b>
LM End	<b>1.03</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.817750°	37.817750°
				-121.378604°	-121.378604°
DWR ID	DWR_RD2062_03_f_2019_40				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

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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**Flood Control Project Maintenance  
Levee Inspections**

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

**Reclamation District No. 2062 Stewart**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Old River	Left	5.55	10/02/2019 10/02/2019	Alberto De Leon

LM Start	<b>1.18</b>	Rating **	M	Issue No.	<b>8 (cont)</b>
LM End	<b>1.19</b>	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR Erosion Survey			37.819290 °	37.819290 °
				-121.378880 °	-121.378880 °
DWR ID	RD2062U03RM31.12				
Comment Code					
Inspector Comment					
Site ID: RD2062U03RM31.12 08/14/2019: No significant change observed. 09/13/2017: No significant change observed. 07/25/2016: No significant change observed. 06/25/2015: No significant change observed. 07/02/2014: No significant change observed. 08/13/2013: No significant change observed. 08/07/2012: The site has been visited by boat survey. No significant change observed 08/23/2011: No significant change observed on site. 09/07/2010: No significant change observed on site. Much of the seasonal grass along the slope was cleared. Site consists of an existing scalloped erosion approximately 30 feet long by 5 feet wide at its widest opening. The lateral crack is extended outwards along the middle slope. There is a 1 to 2 feet of differential settlement that could further develop into a shallow slide. 08/06/2010: Recommended as local maintenance issue, per CLRO. 03/09/2010: As discussed with Michael Moncrief of MBK Engineer, site will be 'addressed' this year. 09/28/2009: No major change observed; section of rip rap has slipped, creating a terraced effect; dense vegetation growth; recommended as a local maintenance issue, per CLRO CES Evaluation 2008 Report; Site # is the same as RM31.12,LM1.25; previously rated "U". 09/14/2006: 1-2' into prism.					

Photo 3 of 3 : SJR2019\_RD2062U03RM31.12\_1.jpg



Close-up view of the site.

LM Start	<b>1.31</b>	Rating **	U	Issue No.	<b>22</b>
LM End	<b>1.36</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.820322 °	37.821072 °
				-121.377146 °	-121.377031 °
DWR ID	DWR_RD2062_03_s_2018_22				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					

Photo 1 of 1 : FA\_2019\_RD2062\_311\_22\_20191111\_00058.jpg



View of vegetation on 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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**Flood Control Project Maintenance  
Levee Inspections**

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

**Reclamation District No. 2062 Stewart**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Old River	Left	5.55	10/02/2019 10/02/2019	Alberto De Leon

LM Start	<b>1.32</b>	Rating **	M	Issue No.	<b>37</b>
LM End	<b>1.32</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Animal Control		37.820459°	37.820459°	
			-121.377109°	-121.377109°	
DWR ID	DWR_RD2062_03_f_2019_37				
Comment Code					
A1 : Exterminate rodents and backfill and compact or grout burrows.					
Inspector Comment					

No Photos

LM Start	<b>1.36</b>	Rating **	M	Issue No.	<b>15</b>
LM End	<b>5.53</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		37.821032°	37.807536°	
			-121.377046°	-121.328314°	
DWR ID	DWR_RD2062_03_s_2019_15				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					

Photo 1 of 1 : FA\_2019\_RD2062\_311\_15\_20190830\_00032.jpg



Typical view of vegetation on waterside slope. (Spring 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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**Flood Control Project Maintenance  
Levee Inspections**

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

**Reclamation District No. 2062 Stewart**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Old River	Left	5.55	10/02/2019 10/02/2019	Alberto De Leon

LM Start	<b>1.39</b>	Rating **	U	Issue No.	<b>9</b>
LM End	<b>1.40</b>	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR Erosion Survey		37.821380 °	37.821380 °	
			-121.376900 °	-121.376900 °	
DWR ID	RD2062U03RM31.28				
Comment Code					
Inspector Comment					
<p>Site ID: RD2062U03RM31.28                  08/14/2019: No significant change observed.                  09/13/2017: No significant change observed.                  07/25/2016: No significant change observed.                  06/25/2015: No significant change observed.                  07/02/2014: No significant change observed.                  08/13/2013: No significant change observed.                  08/07/2012: The site has been visited by boat survey. No significant change observed                  08/23/2011: No significant change observed on site.                  09/07/2010: No significant change observed on site. There is a small- to medium sized Oak tree on the mid-slope just above rip rap. Some of the rip rap has collapsed, creating a pocket erosion just above the existing toe rip rap and upstream of the Oak tree.                  08/06/2010: Recommended as local maintenance issue, per CLRO.                  03/09/2010: As discussed with Michael Moncrief of MBK Engineer, site will be 'addressed' in 2010.                  09/29/2009: No major change since last visit; sliding of the rip rap at the base of the lone tree; there is noticeable man-made trail and foot traffic extending from the crown to the toe; much of the broken concrete used as temporary rip rap has slid, exposing portion of the bare levee slope; recommended as local maintenance issue, per CLRO CES Evaluation 2008 Report; Site # is the same as RM31.3, LM1.45; previously rated "M".                  11/05/2008: Portion of rip rap collapsing.                  09/14/2006: Portion of rip rap along the slope has collapsed; exposed levee section is starting to erode, exposing roots from the nearby tree.</p>					

Photo 1 of 3 : SJR2019\_RD2062U03RM31.28\_9.jpg



Front view of the erosion site.

LM Start	<b>1.39</b>	Rating **	U	Issue No.	<b>9 (cont)</b>
LM End	<b>1.40</b>	Issue Type +	Ma	Location *	

Photo 2 of 3 : SJR2019\_RD2062U03RM31.28\_3.jpg



Close-up view of the site.

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

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

**Reclamation District No. 2062 Stewart**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Old River	Left	5.55	10/02/2019 10/02/2019	Alberto De Leon

LM Start	<b>1.46</b>	Rating **	M	Issue No.	<b>34</b>
LM End	<b>1.46</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Animal Control		37.821657°	37.821657°	
			-121.375657°	-121.375657°	
DWR ID	DWR_RD2062_03_f_2019_34				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

No Photos

LM Start	<b>1.70</b>	Rating **	M	Issue No.	<b>33</b>
LM End	<b>1.70</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Trim / Thin Trees		37.820938°	37.820938°	
			-121.371534°	-121.371534°	
DWR ID	DWR_RD2062_03_f_2019_33				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

LM Start	<b>1.95</b>	Rating **	M	Issue No.	<b>32</b>
LM End	<b>1.95</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Trim / Thin Trees		37.819118°	37.819118°	
			-121.367894°	-121.367894°	
DWR ID	DWR_RD2062_03_f_2019_32				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

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>N : Not Inspected/Rated</b> 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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**Flood Control Project Maintenance  
Levee Inspections**

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

**Reclamation District No. 2062 Stewart**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Old River	Left	5.55	10/02/2019 10/02/2019	Alberto De Leon

LM Start	<b>2.03</b>	Rating **	M	Issue No.	<b>30</b>
LM End	<b>2.03</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.818647°	37.818647°
				-121.366502°	-121.366502°
DWR ID	DWR_RD2062_03_f_2019_30				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

LM Start	<b>2.16</b>	Rating **	M	Issue No.	<b>29</b>
LM End	<b>2.16</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.818687°	37.818687°
				-121.364138°	-121.364138°
DWR ID	DWR_RD2062_03_f_2019_29				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

No Photos

LM Start	<b>2.18</b>	Rating **	M	Issue No.	<b>25</b>
LM End	<b>2.18</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.818748°	37.818748°
				-121.363716°	-121.363716°
DWR ID	DWR_RD2062_03_s_2019_25				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

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>N : Not Inspected/Rated</b> 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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**Flood Control Project Maintenance  
Levee Inspections**

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

**Reclamation District No. 2062 Stewart**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Old River	Left	5.55	10/02/2019 10/02/2019	Alberto De Leon

LM Start	<b>2.85</b>	Rating **	A/W	Issue No.	<b>21</b>
LM End	<b>4.37</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Animal Control		37.816313°	37.818882°	
			-121.352848°	-121.334412°	
DWR ID	DWR_RD2062_03_s_2018_21				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

No Photos

LM Start	<b>3.05</b>	Rating **	M	Issue No.	<b>28</b>
LM End	<b>3.05</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Trim / Thin Trees		37.817885°	37.817885°	
			-121.349956°	-121.349956°	
DWR ID	DWR_RD2062_03_f_2019_28				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

LM Start	<b>3.31</b>	Rating **	U	Issue No.	<b>19</b>
LM End	<b>5.42</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		37.819898°	37.807428°	
			-121.346864°	-121.330299°	
DWR ID	DWR_RD2062_03_f_2019_19				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					

Photo 1 of 1 : FA\_2019\_RD2062\_311\_19\_20191111\_00057.jpg



View of vegetation on landside slope and easement. 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	<b>N : Not Inspected/Rated</b> 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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**Flood Control Project Maintenance  
Levee Inspections**

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

**Reclamation District No. 2062 Stewart**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Old River	Left	5.55	10/02/2019 10/02/2019	Alberto De Leon

LM Start	<b>3.61</b>	Rating **	M	Issue No.	<b>31</b>
LM End	<b>3.66</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Erosion / Bank Caving		37.816982°	37.816541°	
			-121.342939°	-121.342191°	
DWR ID	DWR_RD2062_03_s_2015_31				
Comment Code					
E2 : Schedule repair of erosion site prior to the next inspection.					
Inspector Comment					
There is about a 3 ft vertical cut at the levee toe into the levee prism.					

Photo 1 of 1 : FA\_2019\_RD2062\_311\_31\_20190830\_00037.jpg



View of the eroded landside levee toe.

LM Start	<b>3.83</b>	Rating **	M	Issue No.	<b>24</b>
LM End	<b>3.83</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Trim / Thin Trees		37.818245°	37.818245°	
			-121.340564°	-121.340564°	
DWR ID	DWR_RD2062_03_s_2019_24				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

LM Start	<b>3.91</b>	Rating **	M	Issue No.	<b>26</b>
LM End	<b>3.91</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Trim / Thin Trees		37.819465°	37.819465°	
			-121.340375°	-121.340375°	
DWR ID	DWR_RD2062_03_f_2019_26				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

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>N : Not Inspected/Rated</b> 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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**Flood Control Project Maintenance  
Levee Inspections**

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

**Reclamation District No. 2062 Stewart**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Old River	Left	5.55	10/02/2019 10/02/2019	Alberto De Leon

LM Start	<b>3.99</b>	Rating **	A/W	Issue No.	<b>10</b>
LM End	<b>4.01</b>	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR Erosion Survey			37.820834 °	37.820834 °
				-121.340314 °	-121.340314 °
DWR ID	RD2062U03RM33.92				
Comment Code					
Inspector Comment					
Site ID: RD2062U03RM33.92 08/14/2019: No significant change observed. 09/13/2017: The erosion site is immediately downstream of a sharp river bend.					

Photo 1 of 3 : SJR2019\_RD2062U03RM33.92\_1.JPG



Close-up view of the erosion located at the inside of a sharp river bend.

LM Start	<b>3.99</b>	Rating **	A/W	Issue No.	<b>10 (cont)</b>
LM End	<b>4.01</b>	Issue Type +	Ma	Location *	

Photo 2 of 3 : SJR2019\_RD2062U03RM33.92\_3.JPG



Close-up view of the erosion.

LM Start	<b>3.99</b>	Rating **	A/W	Issue No.	<b>10 (cont)</b>
LM End	<b>4.01</b>	Issue Type +	Ma	Location *	

Photo 3 of 3 : SJR2019\_RD2062U03RM33.92\_6.JPG



Close-up view of the erosion. Note the sandy material of the river bank at the erosion site.

<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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**Flood Control Project Maintenance  
Levee Inspections**

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

**Reclamation District No. 2062 Stewart**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Old River	Left	5.55	10/02/2019 10/02/2019	Alberto De Leon

LM Start	<b>4.83</b>	Rating **	M	Issue No.	<b>35</b>
LM End	<b>4.91</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Erosion / Bank Caving		37.812849°	37.811682°	
			-121.336116°	-121.336271°	
DWR ID	DWR_RD2062_03_f_2014_35				
Comment Code					
E2 : Schedule repair of erosion site prior to the next inspection.					
Inspector Comment					
There is a 2 to 3 feet vertical cut at the landside toe.					

Photo 1 of 1 : FA\_2019\_RD2062\_311\_35\_20190830\_00038.jpg



View of a 2-3 feet vertical cut at the landside levee toe.

LM Start	<b>4.91</b>	Rating **	M	Issue No.	<b>20</b>
LM End	<b>4.91</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Animal Control		37.811729°	37.811729°	
			-121.336117°	-121.336117°	
DWR ID	DWR_RD2062_03_f_2019_20				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

No Photos

LM Start	<b>5.18</b>	Rating **	C	Issue No.	<b>18</b>
LM End	<b>5.18</b>	Issue Type +	Ma	Location *	CR
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Crown Surface / Depressions / Rutting		37.808167°	37.808167°	
			-121.334530°	-121.334530°	
DWR ID	DWR_RD2062_03_s_2019_18				
Comment Code					
C2 : Repair depressions or ruts in the crown or slope.					
Inspector Comment					

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>N : Not Inspected/Rated</b> 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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