

**Flood Control Project Maintenance  
Levee Inspections**

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

**Reclamation District No. 0150 Merrit Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sutter Slough	Left	0.52	11/14/2019 11/14/2019	Luz Dial

LM Start	<b>0.00</b>	Rating **	A	Issue No.	<b>4</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	N/A
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Operations & Maintenance Manuals			o	o
				o	o
DWR ID	DWR_RD0150_01_s_2013_4				
Comment Code					
Inspector Comment					
This LMA has the updated O&M manuals for their district.					

No Photos

LM Start	<b>0.00</b>	Rating **	A	Issue No.	<b>5</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	N/A
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Emergency Supplies & Equipment			o	o
				o	o
DWR ID	DWR_RD0150_01_s_2013_5				
Comment Code					
Inspector Comment					
This LMA has adequate amount of flood fighting materials in a centralized location.					

No Photos

LM Start	<b>0.00</b>	Rating **	A	Issue No.	<b>6</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	N/A
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Flood Preparedness & Training			o	o
				o	o
DWR ID	DWR_RD0150_01_s_2013_6				
Comment Code					
Inspector Comment					
The crew of this LMA had flood fighting training from DWR last October 2019.					

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 Sutter Slough	Left	0.52	11/14/2019 11/14/2019	Luz Dial

LM Start	<b>0.01</b>	Rating **	<b>C</b>	Issue No.	<b>1</b>
LM End	<b>0.07</b>	Issue Type +	<b>Ma</b>	Location *	<b>LS</b>
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.332510°	38.332318°	
			-121.583302°	-121.582227°	
DWR ID	DWR_RD0150_01_s_2019_1				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					

No Photos

LM Start	<b>0.30</b>	Rating **	<b>M</b>	Issue No.	<b>7</b>
LM End	<b>0.30</b>	Issue Type +	<b>Ma</b>	Location *	<b>WS</b>
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.330140°	38.330140°	
			-121.579098°	-121.579098°	
DWR ID	DWR_RD0150_01_f_2019_7				
Comment Code					
MA : Material					
Inspector Comment					
There is material stored on the crown and shoulder.					

Photo 1 of 1 : FA\_2019\_RD0150\_15\_7\_20191121\_00003.jpg



View of fill material stored on the crown and shoulder. Fall 2019

LM Start	<b>0.35</b>	Rating **	<b>M</b>	Issue No.	<b>2</b>
LM End	<b>0.35</b>	Issue Type +	<b>Ma</b>	Location *	<b>WS</b>
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Animal Control		38.329552°	38.329552°	
			-121.578522°	-121.578522°	
DWR ID	DWR_RD0150_01_f_2019_2				
Comment Code					
A1 : Exterminate rodents and backfill and compact or grout burrows.					
Inspector Comment					
Backfill rodent holes with recent activity.					

Photo 1 of 1 : FA\_2019\_RD0150\_15\_2\_20191121\_00002.jpg



View of animal holes 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	<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 Sutter Slough	Left	0.52	11/14/2019 11/14/2019	Luz Dial

LM Start	<b>0.46</b>	Rating **	C	Issue No.	<b>9</b>
LM End	<b>0.46</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.328570°	38.328570°
				-121.577133°	-121.577133°
DWR ID	DWR_RD0150_01_s_2019_9				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					

No Photos

LM Start	<b>0.49</b>	Rating **	C	Issue No.	<b>3</b>
LM End	<b>0.49</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.328242°	38.328242°
				-121.576573°	-121.576573°
DWR ID	DWR_RD0150_01_f_2018_3				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					
Rodent holes could not be seen during the inspection.					

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. 02 Sacramento River	Right	7.81	09/27/2019 11/15/2019	Luz Dial

LM Start	<b>0.22</b>	Rating **	C	Issue No.	<b>108</b>
LM End	<b>0.23</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.330670°	38.330818°
				-121.573923°	-121.573793°
DWR ID	DWR_RD0150_02_s_2019_108				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					

No Photos

LM Start	<b>0.28</b>	Rating **	C	Issue No.	<b>104</b>
LM End	<b>0.31</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.331457°	38.331834°
				-121.573278°	-121.572933°
DWR ID	DWR_RD0150_02_s_2018_104				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					

No Photos

LM Start	<b>0.32</b>	Rating **	C	Issue No.	<b>110</b>
LM End	<b>0.34</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.331947°	38.332085°
				-121.572778°	-121.572635°
DWR ID	DWR_RD0150_02_s_2019_110				
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 Sacramento River	Right	7.81	09/27/2019 11/15/2019	Luz Dial

LM Start	<b>0.36</b>	Rating **	C	Issue No.	<b>112</b>
LM End	<b>0.36</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.332425°	38.332425°
				-121.572343°	-121.572343°
DWR ID	DWR_RD0150_02_s_2019_112				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					

No Photos

LM Start	<b>0.36</b>	Rating **	M	Issue No.	<b>103</b>
LM End	<b>0.36</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.332452°	38.332452°
				-121.572378°	-121.572378°
DWR ID	DWR_RD0150_02_s_2018_103				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

LM Start	<b>0.38</b>	Rating **	M	Issue No.	<b>6</b>
LM End	<b>0.38</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.332598°	38.332598°
				-121.572179°	-121.572179°
DWR ID	DWR_RD0150_02_s_2012_6				
Comment Code					
S2 : Repair the levee slope damaged by foot traffic and prevent access where possible.					
Inspector Comment					



View of slope instability around stairway. Fall 2018

<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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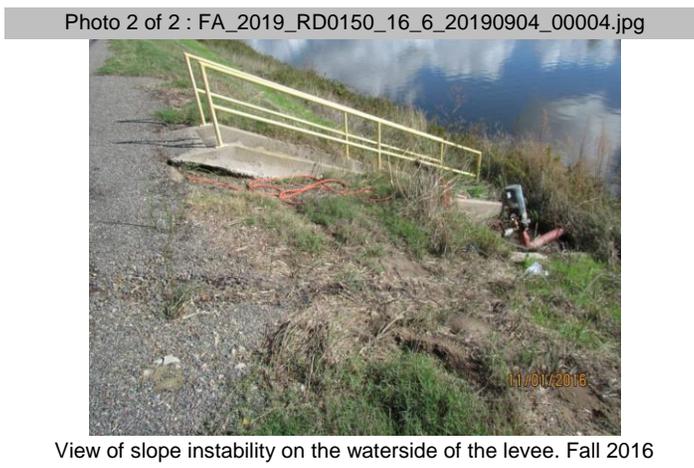
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**Reclamation District No. 0150 Merrit Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Right	7.81	09/27/2019 11/15/2019	Luz Dial

LM Start	<b>0.38</b>	Rating **	M	Issue No.	<b>6 (cont)</b>
LM End	<b>0.38</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.332598°	38.332598°
				-121.572179°	-121.572179°
DWR ID	DWR_RD0150_02_s_2012_6				
Comment Code					
S2 : Repair the levee slope damaged by foot traffic and prevent access where possible.					
Inspector Comment					



LM Start	<b>0.55</b>	Rating **	N	Issue No.	<b>66</b>
LM End	<b>0.55</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.334508°	38.334508°
				-121.570175°	-121.570175°
DWR ID	DWR_RD0150_02_f_2016_66				
Comment Code					
T5 : Tree stumps.					
Inspector Comment					

No Photos

LM Start	<b>0.59</b>	Rating **	M	Issue No.	<b>45</b>
LM End	<b>0.59</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.334898°	38.334898°
				-121.569632°	-121.569632°
DWR ID	DWR_RD0150_02_f_2018_45				
Comment Code					
S3 : Repair the levee slope damaged by vehicle traffic and prevent access where possible.					
Inspector Comment					



<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 Sacramento River	Right	7.81	09/27/2019 11/15/2019	Luz Dial

LM Start	<b>0.60</b>	Rating **	M	Issue No.	<b>114</b>
LM End	<b>0.60</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.334998°	38.334998°
				-121.569468°	-121.569468°
DWR ID	DWR_RD0150_02_f_2019_114				
Comment Code					
TR : Tree or limb					
Inspector Comment					
Remove fallen tree from the levee slope.					

Photo 1 of 1 : FA\_2019\_RD0150\_16\_114\_20190904\_00061.jpg



View looking downstream at fallen tree on levee slope. Spring 2019

LM Start	<b>0.63</b>	Rating **	M	Issue No.	<b>115</b>
LM End	<b>0.63</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.335347°	38.335347°
				-121.569152°	-121.569152°
DWR ID	DWR_RD0150_02_s_2019_115				
Comment Code					
TR : Tree or limb					
Inspector Comment					
Remove fallen tree from the levee slope.					

No Photos

LM Start	<b>0.65</b>	Rating **	M	Issue No.	<b>35</b>
LM End	<b>0.65</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.335490°	38.335490°
				-121.568917°	-121.568917°
DWR ID	DWR_RD0150_02_f_2019_35				
Comment Code					
DE : Debris					
Inspector Comment					

Photo 1 of 1 : FA\_2019\_RD0150\_16\_35\_20191121\_00121.jpg



View of tire 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	<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. 02 Sacramento River	Right	7.81	09/27/2019 11/15/2019	Luz Dial

LM Start	<b>0.65</b>	Rating **	<b>C</b>	Issue No.	<b>116</b>
LM End	<b>0.73</b>	Issue Type +	<b>Ma</b>	Location *	<b>WS</b>
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.335575°	38.336475°
				-121.568893°	-121.568133°
DWR ID	DWR_RD0150_02_s_2019_116				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					

No Photos

LM Start	<b>0.71</b>	Rating **	<b>U</b>	Issue No.	<b>59</b>
LM End	<b>0.71</b>	Issue Type +	<b>Ma</b>	Location *	<b>LS</b>
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.336291°	38.336291°
				-121.568260°	-121.568260°
DWR ID	DWR_RD0150_02_s_2016_59				
Comment Code					
T5 : Tree stumps.					
Inspector Comment					
Remove trees and repair slope damage.					

Photo 1 of 1 : FA\_2019\_RD0150\_16\_59\_20190904\_00038.jpg



View of the tree trunk on the landside of the levee. Fall 2017

LM Start	<b>0.79</b>	Rating **	<b>M</b>	Issue No.	<b>73</b>
LM End	<b>0.79</b>	Issue Type +	<b>Ma</b>	Location *	<b>LS</b>
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.337307°	38.337307°
				-121.567698°	-121.567698°
DWR ID	DWR_RD0150_02_f_2017_73				
Comment Code					
TR : Tree or limb					
Inspector Comment					
The dead tree needs to be removed from the levee slope.					

Photo 1 of 1 : FA\_2019\_RD0150\_16\_73\_20190904\_00045.jpg



View of fallen tree on landside levee slope. Fall 2018

<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. 02 Sacramento River	Right	7.81	09/27/2019 11/15/2019	Luz Dial

LM Start	<b>0.82</b>	Rating **	C	Issue No.	<b>117</b>
LM End	<b>0.87</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.337590°	38.338078°
				-121.567038°	-121.566425°
DWR ID	DWR_RD0150_02_s_2019_117				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					

No Photos

LM Start	<b>1.32</b>	Rating **	C	Issue No.	<b>118</b>
LM End	<b>1.33</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.342957°	38.343113°
				-121.561147°	-121.560992°
DWR ID	DWR_RD0150_02_s_2019_118				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					

No Photos

LM Start	<b>1.45</b>	Rating **	C	Issue No.	<b>119</b>
LM End	<b>1.85</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.344208°	38.346142°
				-121.559190°	-121.552287°
DWR ID	DWR_RD0150_02_s_2019_119				
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. 02 Sacramento River	Right	7.81	09/27/2019 11/15/2019	Luz Dial

LM Start	<b>1.76</b>	Rating **	C	Issue No.	<b>96</b>
LM End	<b>1.76</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.345787°	38.345787°	
			-121.553900°	-121.553900°	
DWR ID	DWR_RD0150_02_s_2019_96				
Comment Code					
PR : Prunings					
Inspector Comment					

No Photos

LM Start	<b>2.02</b>	Rating **	C	Issue No.	<b>94</b>
LM End	<b>2.02</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.346872°	38.346872°	
			-121.549285°	-121.549285°	
DWR ID	DWR_RD0150_02_s_2019_94				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					

No Photos

LM Start	<b>2.10</b>	Rating **	M	Issue No.	<b>63</b>
LM End	<b>2.10</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.347002°	38.347002°	
			-121.547803°	-121.547803°	
DWR ID	DWR_RD0150_02_f_2016_63				
Comment Code					
TR : Tree or limb					
Inspector Comment					

Photo 1 of 1 : FA\_2019\_RD0150\_16\_63\_20190904\_00041.jpg



Remove the log from the landside slope of the levee.

<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 Sacramento River	Right	7.81	09/27/2019 11/15/2019	Luz Dial

LM Start	<b>2.11</b>	Rating **	C	Issue No.	<b>93</b>
LM End	<b>2.12</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.347010°	38.347047°	
			-121.547782°	-121.547432°	
DWR ID	DWR_RD0150_02_s_2019_93				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					

No Photos

LM Start	<b>2.38</b>	Rating **	M	Issue No.	<b>36</b>
LM End	<b>2.38</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.347477°	38.347477°	
			-121.542680°	-121.542680°	
DWR ID	DWR_RD0150_02_f_2019_36				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					
Remove invasive Arundo growth.					

Photo 1 of 1 : FA\_2019\_RD0150\_16\_36\_20191121\_00122.jpg



View of Arundo growth. Fall 2019

LM Start	<b>2.56</b>	Rating **	C	Issue No.	<b>92</b>
LM End	<b>2.62</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.348403°	38.348880°	
			-121.539657°	-121.538728°	
DWR ID	DWR_RD0150_02_s_2019_92				
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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**Flood Control Project Maintenance  
Levee Inspections**

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

**Reclamation District No. 0150 Merrit Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Right	7.81	09/27/2019 11/15/2019	Luz Dial

LM Start	<b>2.75</b>	Rating **	C	Issue No.	<b>121</b>
LM End	<b>2.75</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.350007°	38.350007°
				-121.536947°	-121.536947°
DWR ID	DWR_RD0150_02_s_2019_121				
Comment Code					
S2 : Repair the levee slope damaged by foot traffic and prevent access where possible.					
Inspector Comment					
Monitor footpath.					

No Photos

LM Start	<b>2.75</b>	Rating **	N	Issue No.	<b>14</b>
LM End	<b>2.75</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.350041°	38.350041°
				-121.536853°	-121.536853°
DWR ID	DWR_RD0150_02_s_2012_14				
Comment Code					
T5 : Tree stumps.					
Inspector Comment					

Photo 1 of 1 : FA\_2019\_RD0150\_16\_14\_20190904\_00006.jpg



View of a tree stump on the landward slope.

LM Start	<b>3.20</b>	Rating **	C	Issue No.	<b>122</b>
LM End	<b>3.23</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.354895°	38.355230°
				-121.531385°	-121.531055°
DWR ID	DWR_RD0150_02_s_2019_122				
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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**Flood Control Project Maintenance  
Levee Inspections**

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

**Reclamation District No. 0150 Merrit Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Right	7.81	09/27/2019 11/15/2019	Luz Dial

LM Start	<b>3.24</b>	Rating **	M	Issue No.	<b>961</b>
LM End	<b>3.24</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Erosion / Bank Caving		38.355321 °	38.355321 °	
			-121.530902 °	-121.530902 °	
DWR ID	DWR_RD0150_02_s_2012_961				
Comment Code					
E2 : Schedule repair of erosion site prior to the next inspection.					
Inspector Comment					
Depressions into the waterward slope can be seen along the waterward slope at this site. Also note the damaged pump support, pump, and pipe just upstream of the site.					

Photo 1 of 1 : FA\_2019\_RD0150\_16\_961\_20190904\_00063.jpg



View of the erosion on the waterside slope.

LM Start	<b>3.30</b>	Rating **	M	Issue No.	<b>17</b>
LM End	<b>3.30</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.355979 °	38.355979 °	
			-121.530288 °	-121.530288 °	
DWR ID	DWR_RD0150_02_s_2012_17				
Comment Code					
V4 : Elderberries are blocking visibility and flood fight capability.					
Inspector Comment					
Elderberry is partially blocking visibility.					

No Photos

LM Start	<b>3.30</b>	Rating **	C	Issue No.	<b>123</b>
LM End	<b>3.31</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.355987 °	38.356037 °	
			-121.530145 °	-121.530065 °	
DWR ID	DWR_RD0150_02_s_2019_123				
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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**Flood Control Project Maintenance  
Levee Inspections**

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

**Reclamation District No. 0150 Merrit Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Right	7.81	09/27/2019 11/15/2019	Luz Dial

LM Start	<b>3.34</b>	Rating **	C	Issue No.	<b>87</b>
LM End	<b>3.34</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.356518°	38.356518°
				-121.529715°	-121.529715°
DWR ID	DWR_RD0150_02_s_2019_87				
Comment Code					
T3 : Trim and thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comment					

No Photos

LM Start	<b>3.34</b>	Rating **	C	Issue No.	<b>89</b>
LM End	<b>3.34</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.356518°	38.356518°
				-121.529715°	-121.529715°
DWR ID	DWR_RD0150_02_s_2019_89				
Comment Code					
TR : Tree or limb					
Inspector Comment					
Remove fallen tree from the levee shoulder.					

No Photos

LM Start	<b>3.36</b>	Rating **	C	Issue No.	<b>124</b>
LM End	<b>3.46</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.356702°	38.357737°
				-121.529503°	-121.528188°
DWR ID	DWR_RD0150_02_s_2019_124				
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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**Flood Control Project Maintenance  
Levee Inspections**

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

**Reclamation District No. 0150 Merrit Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Right	7.81	09/27/2019 11/15/2019	Luz Dial

LM Start	<b>3.58</b>	Rating **	C	Issue No.	<b>37</b>
LM End	<b>3.58</b>	Issue Type +	Ma	Location *	CR
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.358942°	38.358942°	
			-121.526533°	-121.526533°	
DWR ID	DWR_RD0150_02_f_2019_37				
Comment Code					
PR : Prunings					
Inspector Comment					

No Photos

LM Start	<b>3.68</b>	Rating **	M	Issue No.	<b>84</b>
LM End	<b>3.68</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Trim / Thin Trees		38.359815°	38.359815°	
			-121.525242°	-121.525242°	
DWR ID	DWR_RD0150_02_s_2019_84				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

LM Start	<b>4.27</b>	Rating **	M	Issue No.	<b>107</b>
LM End	<b>4.27</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.367507°	38.367507°	
			-121.522493°	-121.522493°	
DWR ID	DWR_RD0150_02_s_2018_107				
Comment Code					
TR : Tree or limb					
Inspector Comment					
Remove fallen tree on the waterside slope.					

Photo 1 of 1 : FA\_2019\_RD0150\_16\_107\_20190904\_00060.jpg



View of fallen tree on waterside looking northeast. Spring 2018

<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. 0150 Merrit Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Right	7.81	09/27/2019 11/15/2019	Luz Dial

LM Start	<b>4.50</b>	Rating **	U	Issue No.	<b>38</b>
LM End	<b>4.57</b>	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2017 USACE Erosion Survey			38.370928 °	38.371909 °
				-121.523069 °	-121.523316 °
DWR ID	DWR_RD0150_02_s_2019_38				
Comment Code					
Inspector Comment					
2017 Site ID: SAC 38.5 R Status: Critical 2017 Field Notes: New erosion pocket. Vertical section along lower bank, and cracking. Upgraded to critical. Site History: 1999 - Downstream end (300 ft) repaired with rock. 2010 - Toe erosion, some vertical slopes lower down. 2011 - Failing rock repair. Slumping of the lower bank. Minor new erosion. 2013 - Tree at upstream end has exposed roots. Some new erosion.					

Photo 1 of 1 : FA\_2019\_RD0150\_16\_38\_20190904\_00012.jpg



View looking downstream at 2017 USACE Erosion Survey site. Spring 2019

LM Start	<b>4.65</b>	Rating **	C	Issue No.	<b>81</b>
LM End	<b>4.65</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.372870 °	38.372870 °
				-121.524008 °	-121.524008 °
DWR ID	DWR_RD0150_02_s_2019_81				
Comment Code					
TR : Tree or limb					
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. 0150 Merrit Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Right	7.81	09/27/2019 11/15/2019	Luz Dial

LM Start	<b>4.67</b>	Rating **	C	Issue No.	<b>78</b>
LM End	<b>4.68</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Trim / Thin Trees		38.373152°	38.373358°	
			-121.524110°	-121.524172°	
DWR ID	DWR_RD0150_02_s_2019_78				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

LM Start	<b>4.69</b>	Rating **	M	Issue No.	<b>28</b>
LM End	<b>4.69</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.373485°	38.373485°	
			-121.523963°	-121.523963°	
DWR ID	DWR_RD0150_02_s_2012_28				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					
Remove Century plants from the levee slope.					

Photo 1 of 1 : FA\_2019\_RD0150\_16\_28\_20190904\_00009.jpg



View of century plants on waterward slope.

LM Start	<b>5.02</b>	Rating **	C	Issue No.	<b>77</b>
LM End	<b>5.02</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Trim / Thin Trees		38.378160°	38.378160°	
			-121.525508°	-121.525508°	
DWR ID	DWR_RD0150_02_s_2019_77				
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. 0150 Merrit Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Right	7.81	09/27/2019 11/15/2019	Luz Dial

LM Start	<b>5.22</b>	Rating **	C	Issue No.	<b>72</b>
LM End	<b>5.22</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.380803°	38.380803°	
			-121.524407°	-121.524407°	
DWR ID	DWR_RD0150_02_s_2019_72				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					

No Photos

LM Start	<b>5.29</b>	Rating **	M	Issue No.	<b>109</b>
LM End	<b>5.29</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Slope Stability		38.381660°	38.381660°	
			-121.523726°	-121.523726°	
DWR ID	DWR_RD0150_02_s_2018_109				
Comment Code					
S2 : Repair the levee slope damaged by foot traffic and prevent access where possible.					
Inspector Comment					

No Photos

LM Start	<b>5.33</b>	Rating **	M	Issue No.	<b>54</b>
LM End	<b>5.33</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Slope Stability		38.382072°	38.382072°	
			-121.523220°	-121.523220°	
DWR ID	DWR_RD0150_02_f_2014_54				
Comment Code					
S2 : Repair the levee slope damaged by foot traffic and prevent access where possible.					
Inspector Comment					

Photo 1 of 1 : FA\_2019\_RD0150\_16\_54\_20190904\_00035.jpg



View of slope instability on the waterside of the levee looking towards the toe. Fall 2014

<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. 0150 Merrit Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Right	7.81	09/27/2019 11/15/2019	Luz Dial

LM Start	<b>5.42</b>	Rating **	C	Issue No.	<b>126</b>
LM End	<b>5.42</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.382993°	38.382993°
				-121.521810°	-121.521810°
DWR ID	DWR_RD0150_02_s_2019_126				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

LM Start	<b>5.61</b>	Rating **	C	Issue No.	<b>127</b>
LM End	<b>5.65</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.384575°	38.384917°
				-121.519055°	-121.518538°
DWR ID	DWR_RD0150_02_s_2019_127				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					

No Photos

LM Start	<b>5.90</b>	Rating **	M	Issue No.	<b>52</b>
LM End	<b>5.90</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.387915°	38.387915°
				-121.516002°	-121.516002°
DWR ID	DWR_RD0150_02_f_2016_52				
Comment Code					
E2 : Schedule repair of erosion site prior to the next inspection.					
Inspector Comment					
Repair erosion due to runoff.					



View of erosion due to runoff. Fall 2018

<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. 0150 Merrit Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Right	7.81	09/27/2019 11/15/2019	Luz Dial

LM Start	<b>5.90</b>	Rating **	M	Issue No.	<b>52 (cont)</b>
LM End	<b>5.90</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.387915°	38.387915°
				-121.516002°	-121.516002°
DWR ID	DWR_RD0150_02_f_2016_52				
Comment Code					
E2 : Schedule repair of erosion site prior to the next inspection.					
Inspector Comment					
Repair erosion due to runoff.					

Photo 2 of 2 : FA\_2019\_RD0150\_16\_52\_20190904\_00029.jpg



View of the erosion on the landside of the levee during spring 2017 inspection.

LM Start	<b>5.94</b>	Rating **	C	Issue No.	<b>128</b>
LM End	<b>5.98</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.388507°	38.388997°
				-121.515638°	-121.515468°
DWR ID	DWR_RD0150_02_s_2019_128				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					

No Photos

LM Start	<b>6.13</b>	Rating **	C	Issue No.	<b>27</b>
LM End	<b>6.13</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.391203°	38.391203°
				-121.514972°	-121.514972°
DWR ID	DWR_RD0150_02_s_2019_27				
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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**Flood Control Project Maintenance  
Levee Inspections**

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

**Reclamation District No. 0150 Merrit Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Right	7.81	09/27/2019 11/15/2019	Luz Dial

LM Start	<b>6.21</b>	Rating **	M	Issue No.	<b>58</b>
LM End	<b>6.21</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.392252°	38.392252°	
			-121.514720°	-121.514720°	
DWR ID	DWR_RD0150_02_f_2019_58				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					
Remove Arundo growth on the waterside slope.					

No Photos

LM Start	<b>6.72</b>	Rating **	M	Issue No.	<b>31</b>
LM End	<b>6.73</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Trim / Thin Trees		38.399608°	38.399767°	
			-121.514907°	-121.514933°	
DWR ID	DWR_RD0150_02_f_2019_31				
Comment Code					
T3 : Trim and thin trees to allow visibility of the ground and room to flood fight.					
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. 0150 Merrit Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Right	7.81	09/27/2019 11/15/2019	Luz Dial

LM Start	<b>7.30</b>	Rating **	M	Issue No.	<b>30</b>
LM End	<b>7.32</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.407625°	38.407868°	
			-121.518375°	-121.518502°	
DWR ID	DWR_RD0150_02_f_2019_30				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

LM Start	<b>7.32</b>	Rating **	M	Issue No.	<b>44</b>
LM End	<b>7.34</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.407842°	38.408168°	
			-121.518425°	-121.518663°	
DWR ID	DWR_RD0150_02_s_2019_44				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					

No Photos

LM Start	<b>7.41</b>	Rating **	C	Issue No.	<b>39</b>
LM End	<b>7.75</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Trim / Thin Trees		38.408965°	38.413267°	
			-121.519198°	-121.522400°	
DWR ID	DWR_RD0150_02_s_2019_39				
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. 0150 Merrit Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Right	7.81	09/27/2019 11/15/2019	Luz Dial

LM Start	<b>7.66</b>	Rating **	C	Issue No.	<b>57</b>
LM End	<b>7.67</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.412177°	38.412312°
				-121.521400°	-121.521525°
DWR ID	DWR_RD0150_02_s_2019_57				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					

No Photos

LM Start	<b>7.76</b>	Rating **	C	Issue No.	<b>61</b>
LM End	<b>7.77</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.413345°	38.413493°
				-121.522393°	-121.522498°
DWR ID	DWR_RD0150_02_s_2019_61				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

LM Start	<b>7.80</b>	Rating **	C	Issue No.	<b>67</b>
LM End	<b>7.81</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.413920°	38.413987°
				-121.522853°	-121.522922°
DWR ID	DWR_RD0150_02_s_2019_67				
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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**Flood Control Project Maintenance  
Levee Inspections**

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

**Reclamation District No. 0150 Merrit Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Elk Slough	Left	9.41	11/14/2019 11/14/2019	Luz Dial

LM Start	<b>0.00</b>	Rating **	C	Issue No.	<b>198</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	CR
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.332653°	38.332653°	
			-121.583518°	-121.583518°	
DWR ID	DWR_RD0150_03_s_2019_198				
Comment Code					
V9 : Keep the crown roadway free of vegetation.					
Inspector Comment					

No Photos

LM Start	<b>0.01</b>	Rating **	A/W	Issue No.	<b>20</b>
LM End	<b>7.80</b>	Issue Type +	Ma	Location *	WS
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	2017 USACE Erosion Survey		38.332735°	38.413893°	
			-121.583625°	-121.522896°	
DWR ID	DWR_RD0150_03_s_2019_20				
Comment Code					
Inspector Comment					
2017 Site ID: ELK 0.2 L Status: Eroding 2017 Field Notes: Dresh erosion; site continues to worsen. Site History: 1997 - Most of lower Elk Slough contains high near vertical banks, with erosion into the levee slope. Channel almost appears incised. 2002 - Sites where the levee slope is near vertical and severely eroding. It could fail catastrophically. 2004 - Looks bad in terms of vertical slopes and fallen trees. 2005 - Banks are still over steepened in most places and potentially susceptible to geotechnical failures. 2006 - Both banks are still over steepened in most places and potentially susceptible to geotechnical failures. 2010 - The entire reach is in poor condition, with severely eroding near vertical slopes, needs a regional repair. 2011 - Channel banks are still oversteepened with erosion continuing. 2012 - New cracks and animal holes observed.					

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**

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**Reclamation District No. 0150 Merrit Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Elk Slough	Left	9.41	11/14/2019 11/14/2019	Luz Dial

LM Start	<b>0.06</b>	Rating **	C	Issue No.	<b>195</b>
LM End	<b>0.13</b>	Issue Type +	Ma	Location *	CR
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.333505 °	38.334442 °	
			-121.583550 °	-121.583343 °	
DWR ID	DWR_RD0150_03_s_2019_195				
Comment Code					
V9 : Keep the crown roadway free of vegetation.					
Inspector Comment					
Remove tall weeds from crown.					

No Photos

LM Start	<b>0.11</b>	Rating **	M	Issue No.	<b>936</b>
LM End	<b>0.11</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.334233 °	38.334233 °	
			-121.583414 °	-121.583414 °	
DWR ID	DWR_RD0150_03_s_2012_936				
Comment Code					
V4 : Elderberries are blocking visibility and flood fight capability.					
Inspector Comment					
Elderberries are partially blocking visibility.					

No Photos

LM Start	<b>0.17</b>	Rating **	C	Issue No.	<b>194</b>
LM End	<b>0.24</b>	Issue Type +	Ma	Location *	CR
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.334990 °	38.335953 °	
			-121.583098 °	-121.582518 °	
DWR ID	DWR_RD0150_03_s_2019_194				
Comment Code					
V9 : Keep the crown roadway free of vegetation.					
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. 0150 Merrit Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Elk Slough	Left	9.41	11/14/2019 11/14/2019	Luz Dial

LM Start	<b>0.76</b>	Rating **	C	Issue No.	<b>188</b>
LM End	<b>0.87</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.343228°	38.344855°
				-121.580370°	-121.580023°
DWR ID	DWR_RD0150_03_s_2019_188				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					

No Photos

LM Start	<b>0.92</b>	Rating **	C	Issue No.	<b>5</b>
LM End	<b>0.92</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.345493°	38.345493°
				-121.579682°	-121.579682°
DWR ID	DWR_RD0150_03_s_2012_5				
Comment Code					
V4 : Elderberries are blocking visibility and flood fight capability.					
Inspector Comment					
Maintain visibility of levee slopes.					

No Photos

LM Start	<b>1.18</b>	Rating **	C	Issue No.	<b>187</b>
LM End	<b>1.27</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.347605°	38.347468°
				-121.576525°	-121.574707°
DWR ID	DWR_RD0150_03_s_2019_187				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					
Remove arundo from levee slope.					

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. 0150 Merrit Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Elk Slough	Left	9.41	11/14/2019 11/14/2019	Luz Dial

LM Start	<b>1.33</b>	Rating **	M	Issue No.	<b>19</b>
LM End	<b>1.33</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.347405°	38.347405°	
			-121.573657°	-121.573657°	
DWR ID	DWR_RD0150_03_f_2019_19				
Comment Code					
TR : Tree or limb					
Inspector Comment					

No Photos

LM Start	<b>1.37</b>	Rating **	C	Issue No.	<b>186</b>
LM End	<b>1.40</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.347578°	38.347832°	
			-121.573032°	-121.572553°	
DWR ID	DWR_RD0150_03_s_2019_186				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					
Remove arundo on waterside slope.					

No Photos

LM Start	<b>1.57</b>	Rating **	C	Issue No.	<b>183</b>
LM End	<b>1.57</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Trim / Thin Trees		38.350228°	38.350228°	
			-121.572758°	-121.572758°	
DWR ID	DWR_RD0150_03_s_2019_183				
Comment Code					
T2 : Thin trees to allow visibility of the ground and room to flood fight.					
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  
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**Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2019**

**Reclamation District No. 0150 Merrit Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Elk Slough	Left	9.41	11/14/2019 11/14/2019	Luz Dial

LM Start	<b>1.83</b>	Rating **	M	Issue No.	<b>85</b>
LM End	<b>1.83</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.353761 °	38.353761 °	
			-121.572390 °	-121.572390 °	
DWR ID	DWR_RD0150_03_s_2016_85				
Comment Code					
TR : Tree or limb					
Inspector Comment					
The LMA cut part of the fallen tree, but a part remains on the levee slope easement.					

Photo 1 of 1 : FA\_2019\_RD0150\_17\_85\_20190904\_00066.jpg



View of broken tree trunk on the waterside slope of the levee. Spring 2016

LM Start	<b>2.29</b>	Rating **	A/W	Issue No.	<b>37</b>
LM End	<b>2.30</b>	Issue Type +	Ma	Location *	WS
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	2017 Storm Damage		38.354103 °	38.354211 °	
			-121.564850 °	-121.564631 °	
DWR ID	LMA-120				
Comment Code					
Inspector Comment					
Levee Evaluation Comments					
Description: Instability, cracking, and erosion were observed on the waterside levee slope on the east (left) bank of Elk Slough. The site is approximately 75 feet long. See attached pages for photos.					
Site ID No: 294					
Site Designation: LMA-120					
Repair Type: Erosion					
Rating: Area of Concern					
Field Date: 7/19/2017					
Notes: Area of concern because erosion is not too far into the levee prism and looks similar to the rest of the levee outside of the site. Crown is a paved road.					

Photo 1 of 4 : FA\_2019\_RD0150\_17\_37\_20190904\_00016.jpg



View of slope damage near fallen tree. Fall 2018

<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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Levee Inspections**

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

**Reclamation District No. 0150 Merrit Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Elk Slough	Left	9.41	11/14/2019 11/14/2019	Luz Dial

LM Start	<b>2.29</b>	Rating **	A/W	Issue No.	<b>37 (cont)</b>
LM End	<b>2.30</b>	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2017 Storm Damage			38.354103°	38.354211°
				-121.564850°	-121.564631°
DWR ID	LMA-120				
Comment Code					
Inspector Comment					
<p>Levee Evaluation Comments                  Description: Instability, cracking, and erosion were observed on the waterside levee slope on the east (left) bank of Elk Slough. The site is approximately 75 feet long. See attached pages for photos.                  Site ID No: 294                  Site Designation: LMA-120                  Repair Type: Erosion                  Rating: Area of Concern                  Field Date: 7/19/2017                  Notes: Area of concern because erosion is not too far into the levee prism and looks similar to the rest of the levee outside of the site. Crown is a paved road.</p>					

Photo 4 of 4 : LEVAL\_FA\_2019\_294\_2277.jpg



LM Start	<b>2.31</b>	Rating **	C	Issue No.	<b>178</b>
LM End	<b>2.35</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.354258°	38.354630°
				-121.564570°	-121.563958°
DWR ID	DWR_RD0150_03_s_2019_178				
Comment Code					
T2 : Thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comment					

No Photos

<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**

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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Elk Slough	Left	9.41	11/14/2019 11/14/2019	Luz Dial

LM Start	<b>2.44</b>	Rating **	C	Issue No.	<b>177</b>
LM End	<b>2.44</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.355520°	38.355520°
				-121.562727°	-121.562727°
DWR ID	DWR_RD0150_03_s_2019_177				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					

No Photos

LM Start	<b>2.62</b>	Rating **	C	Issue No.	<b>17</b>
LM End	<b>2.67</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.357863°	38.358545°
				-121.561340°	-121.561292°
DWR ID	DWR_RD0150_03_s_2019_17				
Comment Code					
T2 : Thin trees to allow visibility of the ground and room to flood fight.					
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 Elk Slough	Left	9.41	11/14/2019 11/14/2019	Luz Dial

LM Start	<b>2.75</b>	Rating **	A/W	Issue No.	<b>62</b>
LM End	<b>2.75</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Erosion / Bank Caving		38.359693°	38.359693°	
			-121.561354°	-121.561354°	
DWR ID	DWR_RD0150_03_s_2017_62				
Comment Code					
E1 : Note and monitor erosion site.					
Inspector Comment					
Erosion is caused from run-off due to rain.					

Photo 1 of 1 : FA\_2019\_RD0150\_17\_62\_20190904\_00046.jpg



View of erosion on the waterside slope of the levee looking downstream. Spring 2017

LM Start	<b>2.78</b>	Rating **	M	Issue No.	<b>25</b>
LM End	<b>2.78</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.360035°	38.360035°	
			-121.561482°	-121.561482°	
DWR ID	DWR_RD0150_03_f_2019_25				
Comment Code					
TR : Tree or limb					
Inspector Comment					
There is a tree on the slope.					

Photo 1 of 1 : FA\_2019\_RD0150\_17\_25\_20191121\_00162.jpg



View of a downed tree on the WS slope.

<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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Levee Inspections**

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**Reclamation District No. 0150 Merrit Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Elk Slough	Left	9.41	11/14/2019 11/14/2019	Luz Dial

LM Start	<b>2.86</b>	Rating **	C	Issue No.	<b>176</b>
LM End	<b>2.94</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.361213°	38.362347°
				-121.562067°	-121.562305°
DWR ID	DWR_RD0150_03_s_2019_176				
Comment Code					
T2 : Thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comment					

No Photos

LM Start	<b>2.95</b>	Rating **	C	Issue No.	<b>86</b>
LM End	<b>2.95</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.362431°	38.362431°
				-121.562265°	-121.562265°
DWR ID	DWR_RD0150_03_s_2018_86				
Comment Code					
TR : Tree or limb					
Inspector Comment					
Remove fallen tree on waterside slope.					

No Photos

LM Start	<b>2.98</b>	Rating **	C	Issue No.	<b>175</b>
LM End	<b>2.98</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.362840°	38.362840°
				-121.562225°	-121.562225°
DWR ID	DWR_RD0150_03_s_2019_175				
Comment Code					
T2 : Thin trees to allow visibility of the ground and room to flood fight.					
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. 03 Elk Slough	Left	9.41	11/14/2019 11/14/2019	Luz Dial

LM Start	<b>3.00</b>	Rating **	C	Issue No.	<b>174</b>
LM End	<b>3.09</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.363183°	38.363887°
				-121.562060°	-121.560690°
DWR ID	DWR_RD0150_03_s_2019_174				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					

No Photos

LM Start	<b>3.10</b>	Rating **	C	Issue No.	<b>173</b>
LM End	<b>3.10</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.363857°	38.363857°
				-121.560493°	-121.560493°
DWR ID	DWR_RD0150_03_s_2019_173				
Comment Code					
T2 : Thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comment					

No Photos

LM Start	<b>3.21</b>	Rating **	C	Issue No.	<b>27</b>
LM End	<b>3.21</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.363330°	38.363330°
				-121.558590°	-121.558590°
DWR ID	DWR_RD0150_03_s_2019_27				
Comment Code					
T2 : Thin trees to allow visibility of the ground and room to flood fight.					
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. 0150 Merrit Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Elk Slough	Left	9.41	11/14/2019 11/14/2019	Luz Dial

LM Start	<b>3.31</b>	Rating **	M	Issue No.	<b>40</b>
LM End	<b>3.31</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.363008°	38.363008°
				-121.556751°	-121.556751°
DWR ID	DWR_RD0150_03_s_2013_40				
Comment Code					
E2 : Schedule repair of erosion site prior to the next inspection.					
Inspector Comment					

Photo 1 of 2 : FA\_2019\_RD0150\_17\_40\_20190904\_00021.jpg



View of erosion on the waterside of the levee during spring 2015 inspection.

LM Start	<b>3.31</b>	Rating **	M	Issue No.	<b>40 (cont)</b>
LM End	<b>3.31</b>	Issue Type +	Ma	Location *	WS

Photo 2 of 2 : FA\_2019\_RD0150\_17\_40\_20190904\_00022.jpg



View of erosion on the waterside of the levee looking upstream during fall 2014 inspection.

LM Start	<b>3.36</b>	Rating **	M	Issue No.	<b>102</b>
LM End	<b>3.36</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.363254°	38.363254°
				-121.555889°	-121.555889°
DWR ID	DWR_RD0150_03_s_2018_102				
Comment Code					
E2 : Schedule repair of erosion site prior to the next inspection.					
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. 0150 Merrit Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Elk Slough	Left	9.41	11/14/2019 11/14/2019	Luz Dial

LM Start	<b>3.37</b>	Rating **	A/W	Issue No.	<b>76</b>
LM End	<b>3.45</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Riprap Revetments		38.363380°	38.364325°	
			-121.555715°	-121.555330°	
DWR ID	DWR_RD0150_03_s_2017_76				
Comment Code					
Inspector Comment					
Riprap remains intact.					

Photo 1 of 1 : FA\_2019\_RD0150\_17\_76\_20190904\_00060.jpg



View of the new riprap on the waterside slope of the levee looking downstream. Spring 2017

LM Start	<b>3.39</b>	Rating **	U	Issue No.	<b>115</b>
LM End	<b>3.39</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Erosion / Bank Caving		38.363540°	38.363540°	
			-121.555554°	-121.555554°	
DWR ID	DWR_RD0150_03_f_2013_115				
Comment Code					
E2 : Schedule repair of erosion site prior to the next inspection.					
Inspector Comment					
Repair erosion (ditch) found on the landside toe of the levee.					

Photo 1 of 3 : FA\_2019\_RD0150\_17\_115\_20190904\_00094.jpg



View of the ditch on the landside toe of the levee. Fall 2016

LM Start	<b>3.39</b>	Rating **	U	Issue No.	<b>115 (cont)</b>
LM End	<b>3.39</b>	Issue Type +	Ma	Location *	LS

Photo 2 of 3 : FA\_2019\_RD0150\_17\_115\_20190904\_00095.jpg



View of the ditch on the landside toe of the levee during fall 2015 inspection.

<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. 0150 Merrit Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Elk Slough	Left	9.41	11/14/2019 11/14/2019	Luz Dial

LM Start	<b>3.48</b>	Rating **	C	Issue No.	<b>172</b>
LM End	<b>3.52</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.364778°	38.365418°
				-121.555373°	-121.555495°
DWR ID	DWR_RD0150_03_s_2019_172				
Comment Code					
T2 : Thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comment					

No Photos

LM Start	<b>3.58</b>	Rating **	C	Issue No.	<b>171</b>
LM End	<b>3.62</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.366193°	38.366790°
				-121.555752°	-121.555703°
DWR ID	DWR_RD0150_03_s_2019_171				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					

No Photos

LM Start	<b>3.68</b>	Rating **	C	Issue No.	<b>169</b>
LM End	<b>3.84</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.367330°	38.367807°
				-121.554783°	-121.551998°
DWR ID	DWR_RD0150_03_s_2019_169				
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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**Flood Control Project Maintenance  
Levee Inspections**

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

**Reclamation District No. 0150 Merrit Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Elk Slough	Left	9.41	11/14/2019 11/14/2019	Luz Dial

LM Start	<b>3.74</b>	Rating **	C	Issue No.	<b>170</b>
LM End	<b>3.76</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Trim / Thin Trees		38.367462°	38.367463°	
			-121.553823°	-121.553398°	
DWR ID	DWR_RD0150_03_s_2019_170				
Comment Code					
T2 : Thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comment					

No Photos

LM Start	<b>3.79</b>	Rating **	M	Issue No.	<b>116</b>
LM End	<b>3.79</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Slope Stability		38.367535°	38.367535°	
			-121.552815°	-121.552815°	
DWR ID	DWR_RD0150_03_f_2013_116				
Comment Code					
S1 : Repair slope instability.					
Inspector Comment					

Photo 1 of 1 : FA\_2019\_RD0150\_17\_116\_20190904\_00097.jpg



View of slope instability on the waterside of the levee. Fall 2016

LM Start	<b>3.88</b>	Rating **	C	Issue No.	<b>168</b>
LM End	<b>3.90</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.368222°	38.368408°	
			-121.551460°	-121.551338°	
DWR ID	DWR_RD0150_03_s_2019_168				
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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**Flood Control Project Maintenance  
Levee Inspections**

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

**Reclamation District No. 0150 Merrit Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Elk Slough	Left	9.41	11/14/2019 11/14/2019	Luz Dial

LM Start	<b>3.92</b>	Rating **	C	Issue No.	<b>167</b>
LM End	<b>3.95</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.368745°	38.369093°
				-121.551363°	-121.551482°
DWR ID	DWR_RD0150_03_s_2019_167				
Comment Code					
T2 : Thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comment					

No Photos

LM Start	<b>3.98</b>	Rating **	C	Issue No.	<b>126</b>
LM End	<b>4.16</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.369503°	38.371860°
				-121.551683°	-121.551988°
DWR ID	DWR_RD0150_03_s_2019_126				
Comment Code					
T2 : Thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comment					

No Photos

LM Start	<b>4.02</b>	Rating **	M	Issue No.	<b>93</b>
LM End	<b>4.02</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.370125°	38.370125°
				-121.552030°	-121.552030°
DWR ID	DWR_RD0150_03_s_2016_93				
Comment Code					
E1 : Note and monitor erosion site.					
Inspector Comment					
There is erosion on the waterside toe of the levee.					

Photo 1 of 1 : FA\_2019\_RD0150\_17\_93\_20190904\_00074.jpg



Erosion was found on the waterside toe of the levee. Spring 2016

<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. 0150 Merrit Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Elk Slough	Left	9.41	11/14/2019 11/14/2019	Luz Dial

LM Start	<b>4.18</b>	Rating **	C	Issue No.	<b>166</b>
LM End	<b>4.31</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.372083°	38.373800°
				-121.551685°	-121.550458°
DWR ID	DWR_RD0150_03_s_2019_166				
Comment Code					
T2 : Thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comment					

No Photos

LM Start	<b>4.39</b>	Rating **	A/W	Issue No.	<b>98</b>
LM End	<b>4.43</b>	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2017 Storm Damage			38.374278°	38.374278°
				-121.549167°	-121.548511°
DWR ID	LMA-130				
Comment Code					
Inspector Comment					
Levee Evaluation Comments					
Description:Between 11 and 19 January 2017, waterside instability and erosion were observed on the east (left) bank of Elk Slough. The site is approximately 88 feet long, 7 feet below the levee crest, and includes a fallen tree and exposed root ball in the levee slope. See attached pages for photos.					
Site ID No:304					
Site Designation:LMA-130					
Repair Type: Erosion					
Rating:Serious					
Field Date:7/18/2017					
Notes: Crown is a paved road. Near vertical on lower 1/2 of slope including a fallen tree with exposed root ball. Serious because sloughing cuts into already over-steepened prism significantly and visible longitudinal cracking near crown.					

Photo 1 of 3 : LEVAL\_FA\_2019\_304\_2072.jpg



<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. 0150 Merrit Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Elk Slough	Left	9.41	11/14/2019 11/14/2019	Luz Dial

LM Start	<b>4.49</b>	Rating **	A/W	Issue No.	<b>80</b>
LM End	<b>4.49</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Erosion / Bank Caving		38.374355°	38.374355°	
			-121.547436°	-121.547436°	
DWR ID	DWR_RD0150_03_s_2014_80				
Comment Code					
E1 : Note and monitor erosion site.					
Inspector Comment					

Photo 1 of 1 : FA\_2019\_RD0150\_17\_80\_20190904\_00061.jpg



View of an erosion site on the waterside toe of the levee looking upstream. Spring 2014

LM Start	<b>4.55</b>	Rating **	C	Issue No.	<b>163</b>
LM End	<b>4.59</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.374528°	38.374632°	
			-121.546372°	-121.545615°	
DWR ID	DWR_RD0150_03_s_2019_163				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					

No Photos

LM Start	<b>4.64</b>	Rating **	C	Issue No.	<b>162</b>
LM End	<b>4.64</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Trim / Thin Trees		38.374995°	38.374995°	
			-121.544913°	-121.544913°	
DWR ID	DWR_RD0150_03_s_2019_162				
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. 0150 Merrit Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Elk Slough	Left	9.41	11/14/2019 11/14/2019	Luz Dial

LM Start	<b>4.76</b>	Rating **	C	Issue No.	<b>160</b>
LM End	<b>4.79</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Trim / Thin Trees		38.376258°	38.376597°	
			-121.543288°	-121.542942°	
DWR ID	DWR_RD0150_03_s_2019_160				
Comment Code					
T2 : Thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comment					

No Photos

LM Start	<b>4.79</b>	Rating **	M	Issue No.	<b>101</b>
LM End	<b>4.79</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Erosion / Bank Caving		38.376562°	38.376562°	
			-121.543016°	-121.543016°	
DWR ID	DWR_RD0150_03_s_2017_101				
Comment Code					
E2 : Schedule repair of erosion site prior to the next inspection.					
Inspector Comment					

Photo 1 of 1 : FA\_2019\_RD0150\_17\_101\_20190904\_00082.jpg



View of an erosion on the waterside toe of the levee. Spring 2017

LM Start	<b>4.87</b>	Rating **	C	Issue No.	<b>159</b>
LM End	<b>4.87</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Trim / Thin Trees		38.377390°	38.377390°	
			-121.541832°	-121.541832°	
DWR ID	DWR_RD0150_03_s_2019_159				
Comment Code					
T2 : Thin trees to allow visibility of the ground and room to flood fight.					
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. 0150 Merrit Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Elk Slough	Left	9.41	11/14/2019 11/14/2019	Luz Dial

LM Start	<b>4.96</b>	Rating **	C	Issue No.	<b>158</b>
LM End	<b>4.97</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.378340 °	38.378472 °
				-121.540877 °	-121.540763 °
DWR ID	DWR_RD0150_03_s_2019_158				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					

No Photos

LM Start	<b>4.99</b>	Rating **	C	Issue No.	<b>36</b>
LM End	<b>4.99</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.378771 °	38.378771 °
				-121.540538 °	-121.540538 °
DWR ID	DWR_RD0150_03_f_2012_36				
Comment Code					
S1 : Repair slope instability.					
Inspector Comment					

No Photos

LM Start	<b>5.00</b>	Rating **	C	Issue No.	<b>124</b>
LM End	<b>5.00</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.378888 °	38.378888 °
				-121.540486 °	-121.540486 °
DWR ID	DWR_RD0150_03_s_2018_124				
Comment Code					
DE : Debris					
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. 0150 Merrit Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Elk Slough	Left	9.41	11/14/2019 11/14/2019	Luz Dial

LM Start	<b>5.03</b>	Rating **	<b>C</b>	Issue No.	<b>157</b>
LM End	<b>5.07</b>	Issue Type +	<b>Ma</b>	Location *	<b>WS</b>
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.379273°	38.379783°	
			-121.540233°	-121.540052°	
DWR ID	DWR_RD0150_03_s_2019_157				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					

No Photos

LM Start	<b>5.05</b>	Rating **	<b>M</b>	Issue No.	<b>81</b>
LM End	<b>5.05</b>	Issue Type +	<b>Ma</b>	Location *	<b>WS</b>
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Erosion / Bank Caving		38.379608°	38.379608°	
			-121.540082°	-121.540082°	
DWR ID	DWR_RD0150_03_f_2014_81				
Comment Code					
E2 : Schedule repair of erosion site prior to the next inspection.					
Inspector Comment					

Photo 1 of 1 : FA\_2019\_RD0150\_17\_81\_20190904\_00062.jpg



View of erosion on the waterside of the levee looking downstream. Fall 2014

<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. 0150 Merrit Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Elk Slough	Left	9.41	11/14/2019 11/14/2019	Luz Dial

LM Start	<b>5.06</b>	Rating **	A/W	Issue No.	<b>959</b>
LM End	<b>5.06</b>	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DRAFT DWR UCIP LMA Responsibility		38.379697°	38.379697°	
			-121.540070°	-121.540070°	
DWR ID	22446				
Comment Code					
Inspector Comment					
DS_ID:22446 FS_ID:49386 EP_NO: N/A Repair Type: No Action Needed Crossing Status: Found UCIP Comments: 5/2014 Recordation from permit files 13736 match photos and approximate location of UCIP confirmed crossing.8/2013- a smaller pump on WS steel deck and was running.- seems 30-inch steel pipe goes through the levee.- GI electric conduit on WS and power pole on LS. FIELD_STRUCT_DESC: 24-inch steel drainage discharge pipe through the levee, 10.5 feet below the crown. Flap gate on the waterside (WS) end. Pump and gate valve at the landside (LS) toe. (Plans to install a 24-inch discharge pipeline through the levee authorized under Permit No. 13736, 1983 - Reclamation District No. 150 [RD0150]). [Additional Reference(s): DWR Levee Log, 2005. USACE Sacramento O&M Manual 112, March 1957, (HLM 5.15), 30-inch pipe referenced, invert elevation 14.5 feet below the crown]. FS Date: 8/23/2013					

Photo 1 of 3 : UCIP\_FA\_2019\_49386\_63902.jpg



WS view: pipe, steel deck, pressure tank, electric control box on stream bank.

LM Start	<b>5.06</b>	Rating **	A/W	Issue No.	<b>959 (cont)</b>
LM End	<b>5.06</b>	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP\_FA\_2019\_49386\_63901.jpg



WS view: a smaller pump on steel deck. It was working during the survey.

<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. 0150 Merrit Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Elk Slough	Left	9.41	11/14/2019 11/14/2019	Luz Dial

LM Start	<b>5.06</b>	Rating **	A/W	Issue No.	<b>959 (cont)</b>
LM End	<b>5.06</b>	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DRAFT DWR UCIP LMA Responsibility			38.379697°	38.379697°
				-121.540070°	-121.540070°
DWR ID	22446				
Comment Code					
Inspector Comment					
<p>DS_ID:22446                  FS_ID:49386                  EP_NO: N/A                  Repair Type: No Action Needed                  Crossing Status: Found                  UCIP Comments: 5/2014 Recordation from permit files 13736 match photos and approximate location of UCIP confirmed crossing. 8/2013- a smaller pump on WS steel deck and was running.- seems 30-inch steel pipe goes through the levee.- GI electric conduit on WS and power pole on LS.                  FIELD_STRUCT_DESC: 24-inch steel drainage discharge pipe through the levee, 10.5 feet below the crown. Flap gate on the waterside (WS) end. Pump and gate valve at the landside (LS) toe. (Plans to install a 24-inch discharge pipeline through the levee authorized under Permit No. 13736, 1983 - Reclamation District No. 150 [RD0150]). [Additional Reference(s): DWR Levee Log, 2005. USACE Sacramento O&amp;M Manual 112, March 1957, (HLM 5.15), 30-inch pipe referenced, invert elevation 14.5 feet below the crown].                  FS Date: 8/23/2013</p>					

Photo 3 of 3 : UCIP\_FA\_2019\_49386\_63900.jpg



WS view: siphon breaker on pipe in steel deck on stream bank.

LM Start	<b>5.13</b>	Rating **	C	Issue No.	<b>155</b>
LM End	<b>5.31</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.380718°	38.381870°
				-121.540198°	-121.542923°
DWR ID	DWR_RD0150_03_s_2019_155				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					

No Photos

<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. 0150 Merrit Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Elk Slough	Left	9.41	11/14/2019 11/14/2019	Luz Dial

LM Start	<b>5.15</b>	Rating **	A/W	Issue No.	<b>111 (cont)</b>
LM End	<b>5.15</b>	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2017 Storm Damage			38.380906 °	38.380928 °
				-121.540344 °	-121.540364 °
DWR ID	LMA-135				
Comment Code					
Inspector Comment					
Levee Evaluation Comments					
Description: On 19 January 2017, two large trees were observed to have fallen into the water exposing the root ball on the waterside levee slope on the east (left) bank of Elk Slough. The site is approximately 10 feet long. See attached pages for photos.					
Site ID No: 309					
Site Designation: LMA-135					
Repair Type: Erosion					
Rating: Area of Concern					
Field Date: 7/18/2017					
Notes: 2 oak trees fell over at the WS toe and took root balls out of the lower slope about 5 ft deep just above the water line. Area of concern because damage is only on the lower slope near the water line. Spring 2019 DWR Inspection: Erosion was not visible due to high water.					

Photo 3 of 3 : LEVAL\_FA\_2019\_309\_2039.jpg



LM Start	<b>5.15</b>	Rating **	C	Issue No.	<b>72</b>
LM End	<b>5.15</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.380940 °	38.380940 °
				-121.540384 °	-121.540384 °
DWR ID	DWR_RD0150_03_f_2016_72				
Comment Code					
TR : Tree or limb					
Inspector Comment					
Tree stump and broken tree were found on the waterside toe but were not visible during Spring inspection due to high water.					

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. 0150 Merrit Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Elk Slough	Left	9.41	11/14/2019 11/14/2019	Luz Dial

LM Start	<b>5.19</b>	Rating **	M	Issue No.	<b>125</b>
LM End	<b>5.19</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.381352°	38.381352°	
			-121.540797°	-121.540797°	
DWR ID	DWR_RD0150_03_s_2018_125				
Comment Code					
TR : Tree or limb					
Inspector Comment					
Remove fallen tree with exposed rootball.					

Photo 1 of 1 : FA\_2019\_RD0150\_17\_125\_20191121\_00164.jpg



View of fallen tree with exposed rootball. Fall 2019

LM Start	<b>5.29</b>	Rating **	C	Issue No.	<b>154</b>
LM End	<b>5.32</b>	Issue Type +	Ma	Location *	CR
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.381810°	38.381868°	
			-121.542525°	-121.543188°	
DWR ID	DWR_RD0150_03_s_2019_154				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					

No Photos

LM Start	<b>5.32</b>	Rating **	C	Issue No.	<b>96</b>
LM End	<b>5.32</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.381843°	38.381843°	
			-121.543117°	-121.543117°	
DWR ID	DWR_RD0150_03_s_2016_96				
Comment Code					
TR : Tree or limb					
Inspector Comment					
Broken tree/root damaged levee slope and needs to be removed.					

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. 0150 Merrit Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Elk Slough	Left	9.41	11/14/2019 11/14/2019	Luz Dial

LM Start	<b>5.36</b>	Rating **	C	Issue No.	<b>153</b>
LM End	<b>5.37</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.381942°	38.382010°	
			-121.543818°	-121.544033°	
DWR ID	DWR_RD0150_03_s_2019_153				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					

No Photos

LM Start	<b>5.40</b>	Rating **	A/W	Issue No.	<b>114</b>
LM End	<b>5.41</b>	Issue Type +	Ma	Location *	WS
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	2017 Storm Damage		38.382169°	38.382206°	
			-121.544597°	-121.544731°	
DWR ID	LMA-136				
Comment Code					
Inspector Comment					
Levee Evaluation Comments					
Description:Cracking and erosion were observed on the waterside levee slope on the east (left) bank of Elk Slough. The site is approximately 40 feet long. See attached pages for photos.					
Site ID No:310					
Site Designation:LMA-136					
Repair Type: Erosion					
Rating:Serious					
Field Date:7/17/2017					
Notes: Large oak tree fell over here and took a root ball with it. At least 15 ft wide by 5ft deep soil missing, 5 ft from crown. Longitudinal cracks for 40 ft along crown hinge. Serious because prism is impacted and cracking is visible beyond the damaged area.					

Photo 1 of 3 : LEVAL\_FA\_2019\_310\_2188.jpg



<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. 0150 Merrit Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Elk Slough	Left	9.41	11/14/2019 11/14/2019	Luz Dial

LM Start	<b>5.49</b>	Rating **	N	Issue No.	<b>74</b>
LM End	<b>5.49</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.383051°	38.383051°
				-121.545735°	-121.545735°
DWR ID	DWR_RD0150_03_f_2016_74				
Comment Code					
T5 : Tree stumps.					
Inspector Comment					
Tree stump and downed tree on the waterside slope of the levee need to be removed.					

Photo 1 of 1 : FA\_2019\_RD0150\_17\_74\_20190904\_00058.jpg



View of stump and downed tree on the waterside slope of the levee.

LM Start	<b>5.56</b>	Rating **	N	Issue No.	<b>68</b>
LM End	<b>5.56</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.383697°	38.383697°
				-121.545201°	-121.545201°
DWR ID	DWR_RD0150_03_f_2019_68				
Comment Code					
T5 : Tree stumps.					
Inspector Comment					

Photo 1 of 1 : FA\_2019\_RD0150\_17\_68\_20190904\_00053.jpg



Tree stump was found on the waterside of the levee looking upstream. Fall 2011

LM Start	<b>5.64</b>	Rating **	M	Issue No.	<b>150</b>
LM End	<b>5.64</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.383825°	38.383825°
				-121.543683°	-121.543683°
DWR ID	DWR_RD0150_03_s_2019_150				
Comment Code					
TR : Tree or limb					
Inspector Comment					
Remove tree debris from the levee shoulder and slope.					

Photo 1 of 2 : FA\_2019\_RD0150\_17\_150\_20190904\_00111.jpg



View of tree debris 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. 0150 Merrit Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Elk Slough	Left	9.41	11/14/2019 11/14/2019	Luz Dial

LM Start	<b>5.64</b>	Rating **	M	Issue No.	<b>150 (cont)</b>
LM End	<b>5.64</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.383825 °	38.383825 °
				-121.543683 °	-121.543683 °
DWR ID	DWR_RD0150_03_s_2019_150				
Comment Code					
TR : Tree or limb					
Inspector Comment					
Remove tree debris from the levee shoulder and slope.					



LM Start	<b>5.68</b>	Rating **	C	Issue No.	<b>149</b>
LM End	<b>5.75</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.383920 °	38.384188 °
				-121.543117 °	-121.541768 °
DWR ID	DWR_RD0150_03_s_2019_149				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					

No Photos

LM Start	<b>5.71</b>	Rating **	C	Issue No.	<b>104</b>
LM End	<b>5.71</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.384026 °	38.384026 °
				-121.542455 °	-121.542455 °
DWR ID	DWR_RD0150_03_s_2017_104				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					
Animal hole appears to be inactive but should be backfilled.					

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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**Flood Control Project Maintenance  
Levee Inspections**

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

**Reclamation District No. 0150 Merrit Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Elk Slough	Left	9.41	11/14/2019 11/14/2019	Luz Dial

LM Start	<b>5.78</b>	Rating **	M	Issue No.	<b>28</b>
LM End	<b>5.78</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.384333 °	38.384333 °	
			-121.541310 °	-121.541310 °	
DWR ID	DWR_RD0150_03_s_2012_28				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					

Photo 1 of 1 : FA\_2019\_RD0150\_17\_28\_20190904\_00007.jpg



Wild growth was found on the waterside slope of the levee looking upstream.

LM Start	<b>5.82</b>	Rating **	M	Issue No.	<b>57</b>
LM End	<b>5.82</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.384648 °	38.384648 °	
			-121.540669 °	-121.540669 °	
DWR ID	DWR_RD0150_03_s_2012_57				
Comment Code					
TR : Tree or limb					
Inspector Comment					

Photo 1 of 1 : FA\_2019\_RD0150\_17\_57\_20190904\_00040.jpg



View of downed tree on landward slope should be removed.

LM Start	<b>5.88</b>	Rating **	M	Issue No.	<b>147</b>
LM End	<b>5.88</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.385300 °	38.385300 °	
			-121.540007 °	-121.540007 °	
DWR ID	DWR_RD0150_03_s_2019_147				
Comment Code					
TR : Tree or limb					
Inspector Comment					
Remove tree prunings from the slope.					

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. 0150 Merrit Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Elk Slough	Left	9.41	11/14/2019 11/14/2019	Luz Dial

LM Start	<b>5.94</b>	Rating **	C	Issue No.	<b>146</b>
LM End	<b>5.98</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.386258 °	38.386688 °
				-121.539792 °	-121.540022 °
DWR ID	DWR_RD0150_03_s_2019_146				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					

No Photos

LM Start	<b>6.05</b>	Rating **	C	Issue No.	<b>145</b>
LM End	<b>6.10</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.387532 °	38.388118 °
				-121.540925 °	-121.541412 °
DWR ID	DWR_RD0150_03_s_2019_145				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					

No Photos

LM Start	<b>6.12</b>	Rating **	M	Issue No.	<b>143</b>
LM End	<b>6.19</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.388372 °	38.389207 °
				-121.541640 °	-121.542072 °
DWR ID	DWR_RD0150_03_s_2019_143				
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>+ 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. 0150 Merrit Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Elk Slough	Left	9.41	11/14/2019 11/14/2019	Luz Dial

LM Start	<b>6.31</b>	Rating **	C	Issue No.	<b>142</b>
LM End	<b>6.35</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.390343°	38.390675°
				-121.540317°	-121.539788°
DWR ID	DWR_RD0150_03_s_2019_142				
Comment Code					
T2 : Thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comment					

No Photos

LM Start	<b>6.37</b>	Rating **	C	Issue No.	<b>141</b>
LM End	<b>6.38</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.390860°	38.390967°
				-121.539465°	-121.539268°
DWR ID	DWR_RD0150_03_s_2019_141				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					

No Photos

LM Start	<b>6.40</b>	Rating **	C	Issue No.	<b>140</b>
LM End	<b>6.42</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.391190°	38.391332°
				-121.538940°	-121.538745°
DWR ID	DWR_RD0150_03_s_2019_140				
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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**Flood Control Project Maintenance  
Levee Inspections**

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

**Reclamation District No. 0150 Merrit Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Elk Slough	Left	9.41	11/14/2019 11/14/2019	Luz Dial

LM Start	<b>6.53</b>	Rating **	C	Issue No.	<b>136</b>
LM End	<b>6.56</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.392795°	38.393107°
				-121.538188°	-121.538238°
DWR ID	DWR_RD0150_03_s_2019_136				
Comment Code					
T2 : Thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comment					

No Photos

LM Start	<b>6.58</b>	Rating **	C	Issue No.	<b>135</b>
LM End	<b>6.71</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.393477°	38.395288°
				-121.538365°	-121.538508°
DWR ID	DWR_RD0150_03_s_2019_135				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					

No Photos

LM Start	<b>6.62</b>	Rating **	C	Issue No.	<b>46</b>
LM End	<b>6.70</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.393950°	38.395118°
				-121.538580°	-121.538613°
DWR ID	DWR_RD0150_03_f_2018_46				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					
Remove the wild growth to 20 ft. down from levee shoulder.					

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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**Flood Control Project Maintenance  
Levee Inspections**

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

**Reclamation District No. 0150 Merrit Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Elk Slough	Left	9.41	11/14/2019 11/14/2019	Luz Dial

LM Start	<b>6.64</b>	Rating **	M	Issue No.	<b>137</b>
LM End	<b>6.64</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Slope Stability		38.394332°	38.394332°	
			-121.538658°	-121.538658°	
DWR ID	DWR_RD0150_03_s_2019_137				
Comment Code					
S1 : Repair slope instability.					
Inspector Comment					
Remove the fallen tree and repair slope damaged by root ball.					



View of fallen tree on waterside slope. Spring 2019

LM Start	<b>6.90</b>	Rating **	M	Issue No.	<b>61</b>
LM End	<b>6.90</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Erosion / Bank Caving		38.396655°	38.396655°	
			-121.535485°	-121.535485°	
DWR ID	DWR_RD0150_03_s_2012_61				
Comment Code					
E2 : Schedule repair of erosion site prior to the next inspection.					
Inspector Comment					



View of erosion on waterside slope. Spring 2019

LM Start	<b>6.90</b>	Rating **	M	Issue No.	<b>61 (cont)</b>
LM End	<b>6.90</b>	Issue Type +	Ma	Location *	WS



View of erosion on the waterside of the levee during spring 2015 inspection.

<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**

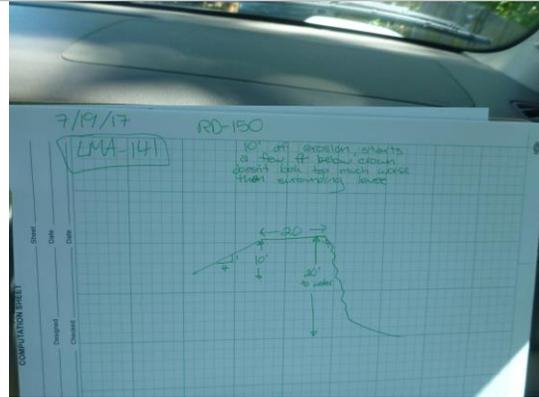
**Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2019**

**Reclamation District No. 0150 Merrit Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Elk Slough	Left	9.41	11/14/2019 11/14/2019	Luz Dial

LM Start	<b>6.95</b>	Rating **	A/W	Issue No.	<b>121 (cont)</b>
LM End	<b>6.95</b>	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2017 Storm Damage			38.397197°	38.397225°
				-121.535089°	-121.535092°
DWR ID	LMA-141				
Comment Code					
Inspector Comment					
Levee Evaluation Comments					
Description: Erosion was observed on the waterside levee slope on the east (left) bank of Elk Slough. The site is approximately 10 feet long and progresses up to the levee crown. See attached pages for photos. Site ID No:314					
Site Designation:LMA-141					
Repair Type: Erosion					
Rating:Area of Concern					
Field Date:7/19/2017					
Notes: Area of concern because the site is so small and only looks slightly worse than the surrounding levee slope. Crown is a paved road. Spring 2019 DWR Inspection: Erosion was not visible during this inspection due to high water.					

Photo 3 of 3 : LEVAL\_FA\_2019\_314\_2324.jpg



LM Start	<b>7.01</b>	Rating **	C	Issue No.	<b>133</b>
LM End	<b>7.06</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.398105°	38.398780°
				-121.535260°	-121.535335°
DWR ID	DWR_RD0150_03_s_2019_133				
Comment Code					
T3 : Trim and thin trees to allow visibility of the ground and room to flood fight.					
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. 0150 Merrit Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Elk Slough	Left	9.41	11/14/2019 11/14/2019	Luz Dial

LM Start	<b>7.17</b>	Rating **	C	Issue No.	<b>131</b>
LM End	<b>7.17</b>	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Crown Surface / Depressions / Rutting			38.400408°	38.400408°
				-121.535912°	-121.535912°
DWR ID	DWR_RD0150_03_s_2019_131				
Comment Code					
C2 : Repair depressions or ruts in the crown or slope.					
Inspector Comment					

No Photos

LM Start	<b>7.18</b>	Rating **	C	Issue No.	<b>127</b>
LM End	<b>7.20</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.400515°	38.400743°
				-121.535970°	-121.536083°
DWR ID	DWR_RD0150_03_s_2019_127				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					

No Photos

LM Start	<b>7.38</b>	Rating **	M	Issue No.	<b>110</b>
LM End	<b>7.38</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.402758°	38.402858°
				-121.538157°	-121.538225°
DWR ID	DWR_RD0150_03_s_2019_110				
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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**Flood Control Project Maintenance  
Levee Inspections**

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

**Reclamation District No. 0150 Merrit Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Elk Slough	Left	9.41	11/14/2019 11/14/2019	Luz Dial

LM Start	<b>7.40</b>	Rating **	<b>C</b>	Issue No.	<b>109</b>
LM End	<b>7.58</b>	Issue Type +	<b>Ma</b>	Location *	<b>CR</b>
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.403017°	38.404595°
				-121.538362°	-121.540983°
DWR ID	DWR_RD0150_03_s_2019_109				
Comment Code					
V9 : Keep the crown roadway free of vegetation.					
Inspector Comment					

No Photos

LM Start	<b>7.63</b>	Rating **	<b>C</b>	Issue No.	<b>103</b>
LM End	<b>7.76</b>	Issue Type +	<b>Ma</b>	Location *	<b>CR</b>
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.404812°	38.406445°
				-121.541792°	-121.542932°
DWR ID	DWR_RD0150_03_s_2019_103				
Comment Code					
V9 : Keep the crown roadway free of vegetation.					
Inspector Comment					

No Photos

LM Start	<b>7.66</b>	Rating **	<b>C</b>	Issue No.	<b>105</b>
LM End	<b>7.66</b>	Issue Type +	<b>Ma</b>	Location *	<b>WS</b>
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.405055°	38.405055°
				-121.542243°	-121.542243°
DWR ID	DWR_RD0150_03_s_2019_105				
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. 0150 Merrit Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Elk Slough	Left	9.41	11/14/2019 11/14/2019	Luz Dial

LM Start	<b>7.70</b>	Rating **	C	Issue No.	<b>52</b>
LM End	<b>7.70</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.405536°	38.405536°	
			-121.542752°	-121.542752°	
DWR ID	DWR_RD0150_03_f_2015_52				
Comment Code					
TR : Tree or limb					
Inspector Comment					
Tree trunks and stumps need to be removed from levee slope.					

No Photos

LM Start	<b>7.74</b>	Rating **	M	Issue No.	<b>396</b>
LM End	<b>7.74</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Slope Stability		38.406098°	38.406098°	
			-121.543028°	-121.543028°	
DWR ID	DWR_RD0150_03_s_2015_396				
Comment Code					
S1 : Repair slope instability.					
Inspector Comment					

Photo 1 of 1 : FA\_2019\_RD0150\_17\_396\_20190904\_00114.jpg



Slope instability was found on the waterside toe of the levee looking upstream. Spring 2015

LM Start	<b>7.75</b>	Rating **	M	Issue No.	<b>129</b>
LM End	<b>7.75</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.406298°	38.406298°	
			-121.542939°	-121.542939°	
DWR ID	DWR_RD0150_03_f_2017_129				
Comment Code					
TR : Tree or limb					
Inspector Comment					
Remove fallen tree from the waterside shoulder of the levee, and fill any large void.					

Photo 1 of 1 : FA\_2019\_RD0150\_17\_129\_20190904\_00108.jpg



View of a tree stump on the waterside shoulder of the levee. Fall 2017

<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. 0150 Merrit Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Elk Slough	Left	9.41	11/14/2019 11/14/2019	Luz Dial

LM Start	<b>7.79</b>	Rating **	M	Issue No.	<b>75</b>
LM End	<b>7.79</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.406805 °	38.406805 °	
			-121.542703 °	-121.542703 °	
DWR ID	DWR_RD0150_03_f_2018_75				
Comment Code					
TR : Tree or limb					
Inspector Comment					
Remove downed tree from the levee slope.					

Photo 1 of 1 : FA\_2019\_RD0150\_17\_75\_20190904\_00059.jpg



View of downed tree on levee slope.

LM Start	<b>7.85</b>	Rating **	C	Issue No.	<b>79</b>
LM End	<b>7.91</b>	Issue Type +	Ma	Location *	CR
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.407563 °	38.408305 °	
			-121.542198 °	-121.541617 °	
DWR ID	DWR_RD0150_03_s_2019_79				
Comment Code					
V9 : Keep the crown roadway free of vegetation.					
Inspector Comment					

No Photos

LM Start	<b>7.99</b>	Rating **	M	Issue No.	<b>92</b>
LM End	<b>8.02</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Slope Stability		38.409010 °	38.409130 °	
			-121.540513 °	-121.539971 °	
DWR ID	DWR_RD0150_03_s_2014_92				
Comment Code					
S1 : Repair slope instability.					
Inspector Comment					

Photo 1 of 2 : FA\_2019\_RD0150\_17\_92\_20190904\_00072.jpg



View of slope instability on the waterside of the levee looking upstream during spring 2015 inspection.

<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. 0150 Merrit Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Elk Slough	Left	9.41	11/14/2019 11/14/2019	Luz Dial

LM Start	<b>7.99</b>	Rating **	M	Issue No.	<b>92 (cont)</b>
LM End	<b>8.02</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Slope Stability		38.409010°	38.409130°	
			-121.540513°	-121.539971°	
DWR ID	DWR_RD0150_03_s_2014_92				
Comment Code					
S1 : Repair slope instability.					
Inspector Comment					

Photo 2 of 2 : FA\_2019\_RD0150\_17\_92\_20190904\_00073.jpg



Slope instability was found on the waterside of the levee looking downstream.

LM Start	<b>8.02</b>	Rating **	C	Issue No.	<b>43</b>
LM End	<b>8.93</b>	Issue Type +	Ma	Location *	CR
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.409162°	38.414543°	
			-121.539857°	-121.528982°	
DWR ID	DWR_RD0150_03_s_2019_43				
Comment Code					
V9 : Keep the crown roadway free of vegetation.					
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. 0150 Merrit Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Elk Slough	Left	9.41	11/14/2019 11/14/2019	Luz Dial

LM Start	<b>8.26</b>	Rating **	M	Issue No.	<b>65</b>
LM End	<b>8.26</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Erosion / Bank Caving		38.408213 °	38.408213 °	
			-121.535911 °	-121.535911 °	
DWR ID	DWR_RD0150_03_f_2015_65				
Comment Code					
E2 : Schedule repair of erosion site prior to the next inspection.					
Inspector Comment					

Photo 1 of 1 : FA\_2019\_RD0150\_17\_65\_20190904\_00049.jpg



View of erosion on the waterside of the levee. Fall 2015

LM Start	<b>8.31</b>	Rating **	M	Issue No.	<b>66</b>
LM End	<b>8.31</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Erosion / Bank Caving		38.407960 °	38.407960 °	
			-121.534898 °	-121.534898 °	
DWR ID	DWR_RD0150_03_s_2012_66				
Comment Code					
E2 : Schedule repair of erosion site prior to the next inspection.					
Inspector Comment					

Photo 1 of 1 : FA\_2019\_RD0150\_17\_66\_20190904\_00050.jpg



View of erosion on the waterside of the levee. Spring 2015

LM Start	<b>8.33</b>	Rating **	M	Issue No.	<b>67</b>
LM End	<b>8.33</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Erosion / Bank Caving		38.407958 °	38.407958 °	
			-121.534583 °	-121.534583 °	
DWR ID	DWR_RD0150_03_s_2012_67				
Comment Code					
E2 : Schedule repair of erosion site prior to the next inspection.					
Inspector Comment					

Photo 1 of 2 : FA\_2019\_RD0150\_17\_67\_20190904\_00051.jpg



View of the erosion on the waterside shoulder looking upstream. Spring 2014

<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. 0150 Merrit Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Elk Slough	Left	9.41	11/14/2019 11/14/2019	Luz Dial

LM Start	<b>8.33</b>	Rating **	M	Issue No.	<b>67 (cont)</b>
LM End	<b>8.33</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.407958 °	38.407958 °
				-121.534583 °	-121.534583 °
DWR ID	DWR_RD0150_03_s_2012_67				
Comment Code					
E2 : Schedule repair of erosion site prior to the next inspection.					
Inspector Comment					

Photo 2 of 2 : FA\_2019\_RD0150\_17\_67\_20190904\_00052.jpg



Erosion was found on the waterside shoulder of the levee looking upstream. This picture was taken during fall 2012 inspection.

LM Start	<b>8.33</b>	Rating **	M	Issue No.	<b>70</b>
LM End	<b>8.33</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.407927 °	38.407927 °
				-121.534523 °	-121.534523 °
DWR ID	DWR_RD0150_03_s_2019_70				
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**

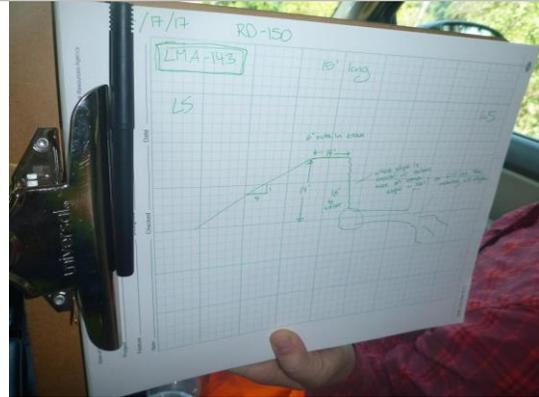
**Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2019**

**Reclamation District No. 0150 Merrit Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Elk Slough	Left	9.41	11/14/2019 11/14/2019	Luz Dial

LM Start	<b>8.35</b>	Rating **	A/W	Issue No.	<b>123 (cont)</b>
LM End	<b>8.35</b>	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2017 Storm Damage			38.407983°	38.407992°
				-121.534322°	-121.534289°
DWR ID	LMA-143				
Comment Code					
Inspector Comment					
Levee Evaluation Comments					
Description: Erosion was observed on the waterside levee slope on the east (left) bank of Elk Slough. The site is approximately 10 feet long. See attached pages for photos.					
Site ID No:316					
Site Designation:LMA-143					
Repair Type: Erosion					
Rating: Serious					
Field Date:7/17/2017					
Notes: 3 large trees in/adjacent to site including a fallen tree in the middle of the erosion. Erosion on almost the whole slope, but doesn't cut into the crown. Serious because erosion cuts into levee significantly here.					

Photo 3 of 3 : LEVAL\_FA\_2019\_316\_2182.jpg



LM Start	<b>8.46</b>	Rating **	N	Issue No.	<b>90</b>
LM End	<b>8.46</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.409220°	38.409220°
				-121.532801°	-121.532801°
DWR ID	DWR_RD0150_03_s_2012_90				
Comment Code					
T5 : Tree stumps.					
Inspector Comment					

Photo 1 of 1 : FA\_2019\_RD0150\_17\_90\_20190904\_00068.jpg



A tree stump was found on the landside of the levee looking upstream.

<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. 0150 Merrit Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Elk Slough	Left	9.41	11/14/2019 11/14/2019	Luz Dial

LM Start	<b>8.50</b>	Rating **	N	Issue No.	<b>55</b>
LM End	<b>8.50</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.409559 °	38.409559 °
				-121.532356 °	-121.532356 °
DWR ID	DWR_RD0150_03_s_2012_55				
Comment Code					
T5 : Tree stumps.					
Inspector Comment					

Photo 1 of 1 : FA\_2019\_RD0150\_17\_55\_20190904\_00038.jpg



A tree stump was found on the waterside of the levee looking upstream. Fall 2011

LM Start	<b>8.76</b>	Rating **	M	Issue No.	<b>47</b>
LM End	<b>8.76</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.412105 °	38.412105 °
				-121.528977 °	-121.528977 °
DWR ID	DWR_RD0150_03_s_2019_47				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

LM Start	<b>8.87</b>	Rating **	C	Issue No.	<b>44</b>
LM End	<b>8.87</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.413673 °	38.413673 °
				-121.529062 °	-121.529062 °
DWR ID	DWR_RD0150_03_s_2019_44				
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. 0150 Merrit Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Elk Slough	Left	9.41	11/14/2019 11/14/2019	Luz Dial

LM Start	<b>9.16</b>	Rating **	<b>C</b>	Issue No.	<b>22</b>
LM End	<b>9.38</b>	Issue Type +	<b>Ma</b>	Location *	<b>CR</b>
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.413798 °	38.413468 °	
			-121.526620 °	-121.523175 °	
DWR ID	DWR_RD0150_03_s_2019_22				
Comment Code					
V9 : Keep the crown roadway free of vegetation.					
Inspector Comment					

No Photos

LM Start	<b>9.21</b>	Rating **	<b>N</b>	Issue No.	<b>59</b>
LM End	<b>9.21</b>	Issue Type +	<b>Ma</b>	Location *	<b>WS</b>
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Trim / Thin Trees		38.413268 °	38.413268 °	
			-121.525929 °	-121.525929 °	
DWR ID	DWR_RD0150_03_s_2012_59				
Comment Code					
T5 : Tree stumps.					
Inspector Comment					

Photo 1 of 1 : FA\_2019\_RD0150\_17\_59\_20190904\_00042.jpg



A tree stump was found on the waterside of the levee looking upstream.  
Fall 2011

LM Start	<b>9.31</b>	Rating **	<b>C</b>	Issue No.	<b>73</b>
LM End	<b>9.35</b>	Issue Type +	<b>Ma</b>	Location *	<b>WS</b>
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Trim / Thin Trees		38.413095 °	38.413169 °	
			-121.524402 °	-121.523707 °	
DWR ID	DWR_RD0150_03_s_2012_73				
Comment Code					
T3 : Trim and thin trees to allow visibility of the ground and room to flood fight.					
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</b> : Not Inspected/Rated <b>C</b> : Corrected <b>A/W</b> : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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