

**Flood Control Project Maintenance
Levee Inspections**

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

Reclamation District No. 0150 Merrit Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sutter Slough	Left	0.52	04/08/2015 04/08/2015	Pavel Kazi

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

No Photos

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

No Photos

LM Start	0.00	Rating **	A	Issue No.	6
LM End	0.00	Issue Type +	Ma	Location *	N/A
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Flood Preparedness & Training		o	o	o
DWR ID	DWR_RD0150_01_s_2013_6				
Action/Comments					
Inspector Comments: The crew of this LMA had flood fighting training from DWR.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sutter Slough	Left	0.52	04/08/2015 04/08/2015	Pavel Kazi

LM Start	0.44	Rating **	M	Issue No.	2
LM End	0.49	Issue Type +	Ma	Location *	WS
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	USACE Erosion Survey		38.328606 °	38.328091 °	
			-121.577472 °	-121.576640 °	
DWR ID	DWR_RD0150_01_f_2014_2				
Action/Comments					
Inspector Comments: 2013: Old toe repair unraveling. Bridge at upstream end of site. [2013 Site ID: STR_28-4_R]					

Photo 1 of 2 : SP_2015_RD0150_15_2_20150313_00001.jpg



USACE 2013 Photo #1

LM Start	0.44	Rating **	M	Issue No.	2 (cont)
LM End	0.49	Issue Type +	Ma	Location *	WS

Photo 2 of 2 : SP_2015_RD0150_15_2_20150313_00002.jpg



USACE 2013 Photo #2

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Right	7.81	04/08/2015 04/08/2015	Pavel Kazi

LM Start	0.00	Rating **	M	Issue No.	382
LM End	7.52	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.328196 °	38.410374 °	
			-121.576333 °	-121.520192 °	
DWR ID	DWR_RD0150_02_s_2015_382				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements.					

Photo 1 of 1 : SP_2015_RD0150_16_382_20150413_00075.jpg



Vegetation on the waterside of the levee looking downstream.

LM Start	0.39	Rating **	M	Issue No.	6
LM End	0.39	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Slope Stability		38.332717 °	38.332717 °	
			-121.572083 °	-121.572083 °	
DWR ID	DWR_RD0150_02_s_2012_6				
Action/Comments					
Repair the levee slope damaged by foot traffic and prevent access where possible.					

Photo 1 of 2 : SP_2015_RD0150_16_6_20150313_00002.jpg



Updated photo of the slope instability on the waterside of the levee looking upstream during spring 2014 inspection.

LM Start	0.39	Rating **	M	Issue No.	6 (cont)
LM End	0.39	Issue Type +	Ma	Location *	WS

Photo 2 of 2 : SP_2015_RD0150_16_6_20150313_00003.jpg



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

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Right	7.81	04/08/2015 04/08/2015	Pavel Kazi

LM Start	0.71	Rating **	M	Issue No.	10
LM End	0.71	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.336228 °	38.336228 °
				-121.568332 °	-121.568332 °
DWR ID	DWR_RD0150_02_s_2013_10				
Action/Comments					
Debris					

Photo 1 of 1 : SP_2015_RD0150_16_10_20150313_00006.jpg



Debris was found on the waterside slope of the levee looking downstream during Spring 2013 inspection.

LM Start	0.99	Rating **	M	Issue No.	18
LM End	0.99	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.339268 °	38.339268 °
				-121.564839 °	-121.564839 °
DWR ID	DWR_RD0150_02_s_2013_18				
Action/Comments					
Tree or limb Inspector Comments: Tree trunk was found on the waterside toe of the levee.					

Photo 1 of 2 : SP_2015_RD0150_16_18_20150313_00012.jpg



Updated picture of the tree trunk on the waterside toe of the levee looking upstream during spring 2014 inspection.

LM Start	0.99	Rating **	M	Issue No.	18 (cont)
LM End	0.99	Issue Type +	Ma	Location *	WS

Photo 2 of 2 : SP_2015_RD0150_16_18_20150313_00013.jpg



A tree trunk was found on the waterside toe of the levee looking upstream during spring 2013 inspection.

* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Right	7.81	04/08/2015 04/08/2015	Pavel Kazi

LM Start	1.14	Rating **	N	Issue No.	8
LM End	1.14	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Trim / Thin Trees		38.340864 °	38.340864 °	
			-121.562915 °	-121.562915 °	
DWR ID	DWR_RD0150_02_s_2012_8				
Action/Comments					
Tree stumps.					

Photo 1 of 1 : SP_2015_RD0150_16_8_20150313_00004.jpg



View of a tree stump on the landward slope.

LM Start	1.89	Rating **	M	Issue No.	50
LM End	1.89	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.346323 °	38.346323 °	
			-121.551568 °	-121.551568 °	
DWR ID	DWR_RD0150_02_f_2014_50				
Action/Comments					
Pipe Inspector Comments: An abandoned pipe was found on the waterside of the levee.					

Photo 1 of 1 : SP_2015_RD0150_16_50_20150313_00028.jpg



A pipe was found on the waterside toe of the levee looking upstream.

LM Start	1.93	Rating **	M	Issue No.	52
LM End	1.93	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Slope Stability		38.346462 °	38.346462 °	
			-121.550978 °	-121.550978 °	
DWR ID	DWR_RD0150_02_f_2014_52				
Action/Comments					
Repair the levee slope damaged by vehicle traffic and prevent access where possible. Inspector Comments: Rutting caused by vehicles.					

Photo 1 of 1 : SP_2015_RD0150_16_52_20150313_00030.jpg



A slope instability was found on the waterside slope of the levee looking upstream.

* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Right	7.81	04/08/2015 04/08/2015	Pavel Kazi

LM Start	2.75	Rating **	N	Issue No.	14
LM End	2.75	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				
Action/Comments					
Tree stumps.					

Photo 1 of 1 : SP_2015_RD0150_16_14_20150313_00009.jpg



View of a tree stump on the landward slope.

LM Start	3.24	Rating **	M	Issue No.	961
LM End	3.24	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				
Action/Comments					
Schedule repair of erosion site prior to the next inspection. Inspector Comments: 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; they may contribute to the erosion in a high water event and should be removed.					

Photo 1 of 5 : SP_2015_RD0150_16_961_20150413_00076.jpg



Updated picture of the erosion on the waterside of the levee during spring 2015 inspection.

LM Start	3.24	Rating **	M	Issue No.	961 (cont)
LM End	3.24	Issue Type +	Ma	Location *	WS

Photo 2 of 5 : SP_2015_RD0150_16_961_20150313_00049.jpg



View of the erosion on the waterside slope of the levee near the pipe looking downstream. This picture was taken during the fall 2013 inspection.

* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Right	7.81	04/08/2015 04/08/2015	Pavel Kazi

LM Start	3.24	Rating **	M	Issue No.	961 (cont)
LM End	3.24	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				
Action/Comments					
Schedule repair of erosion site prior to the next inspection. Inspector Comments: 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; they may contribute to the erosion in a high water event and should be removed.					

Photo 3 of 5 : SP_2015_RD0150_16_961_20150313_00050.jpg



View of the erosion on the waterside slope of the levee looking upstream during spring 2013 inspection.

LM Start	3.24	Rating **	M	Issue No.	961 (cont)
LM End	3.24	Issue Type +	Ma	Location *	WS

Photo 4 of 5 : SP_2015_RD0150_16_961_20150313_00051.jpg



View of erosion and damaged pipe and abandoned boat on the waterside of the levee looking upstream. This picture was taken during fall 2012 inspection.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Right	7.81	04/08/2015 04/08/2015	Pavel Kazi

LM Start	3.24	Rating **	M	Issue No.	961 (cont)
LM End	3.24	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				
Action/Comments					
Schedule repair of erosion site prior to the next inspection. Inspector Comments: 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; they may contribute to the erosion in a high water event and should be removed.					



View of the erosion site, and broken pump support along with a boat on the waterside of the levee. The picture was taken from the crown looking towards the toe of the levee during fall 2011 inspection.

LM Start	3.30	Rating **	A/W	Issue No.	17
LM End	3.30	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				
Action/Comments					
Elderberries are blocking visibility and flood fight capability.					

No Photos

LM Start	4.07	Rating **	M	Issue No.	381
LM End	7.52	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.364731 °	38.410374 °	
			-121.522356 °	-121.520192 °	
DWR ID	DWR_RD0150_02_s_2015_381				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Right	7.81	04/08/2015 04/08/2015	Pavel Kazi

LM Start	4.50	Rating **	M	Issue No.	1
LM End	4.57	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	USACE Erosion Survey			38.370928 °	38.371909 °
				-121.523069 °	-121.523316 °
DWR ID	DWR_RD0150_02_f_2014_1				
Action/Comments					
Inspector Comments: 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. [2013 Site ID: SAC_38-5_R]					

No Photos

LM Start	4.69	Rating **	M	Issue No.	28
LM End	4.69	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				
Action/Comments					
Remove the wild growth other than native grasses from the levee slopes.					

Photo 1 of 1 : SP_2015_RD0150_16_28_20150313_00018.jpg



Century plant on waterward slope at LM 4.76

LM Start	5.06	Rating **	A/W	Issue No.	40
LM End	7.81	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.378674 °	38.414029 °
				-121.525423 °	-121.522991 °
DWR ID	DWR_RD0150_02_s_2012_40				
Action/Comments					
Environmental Requirements.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Right	7.81	04/08/2015 04/08/2015	Pavel Kazi

LM Start	5.24	Rating **	M	Issue No.	975
LM End	5.24	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.381126 °	38.381126 °
				-121.524207 °	-121.524207 °
DWR ID	DWR_RD0150_02_s_2013_975				
Action/Comments					
Repair slope instability. Inspector Comments: Depression in the landward slope at the shoulder over an irrigation pipe.					

Photo 1 of 2 : SP_2015_RD0150_16_975_20150313_00055.jpg



View of minor slope instability on the waterside slope of the levee looking downstream during fall 2013 inspection.

LM Start	5.24	Rating **	M	Issue No.	975 (cont)
LM End	5.24	Issue Type +	Ma	Location *	WS

Photo 2 of 2 : SP_2015_RD0150_16_975_20150313_00056.jpg



View of a minor depression along the landward slope of the levee over a pipe penetration looking downstream.

LM Start	5.33	Rating **	M	Issue No.	54
LM End	5.33	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				
Action/Comments					
Repair the levee slope damaged by foot traffic and prevent access where possible.					

Photo 1 of 1 : SP_2015_RD0150_16_54_20150313_00031.jpg



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

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Unit No. 02 Sacramento River	Right	7.81	04/08/2015 04/08/2015	Pavel Kazi

LM Start	5.89	Rating **	M	Issue No.	383
LM End	5.89	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Slope Stability		38.387809 °	38.387809 °	
			-121.516030 °	-121.516030 °	
DWR ID	DWR_RD0150_02_s_2015_383				
Action/Comments					
Repair slope instability. Inspector Comments: Runoff.					

Photo 1 of 1 : SP_2015_RD0150_16_383_20150413_00074.jpg



Slope instability caused by runoff was found on the landside of the levee looking upstream.

LM Start	6.50	Rating **	M	Issue No.	55
LM End	6.50	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.396518 °	38.396518 °	
			-121.514530 °	-121.514530 °	
DWR ID	DWR_RD0150_02_f_2014_55				
Action/Comments					
Pipe Inspector Comments: The pipe gate needs to be covered on the waterside toe of the levee.					

Photo 1 of 1 : SP_2015_RD0150_16_55_20150313_00032.jpg



An open pipe valve was found without a cover on the waterside toe of the levee.

LM Start	7.22	Rating **	A/W	Issue No.	32
LM End	7.22	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.406454 °	38.406454 °	
			-121.517732 °	-121.517732 °	
DWR ID	DWR_RD0150_02_s_2012_32				
Action/Comments					
Elderberries are blocking visibility and flood fight capability.					

No Photos

* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Elk Slough	Left	9.41	04/08/2015 04/08/2015	Pavel Kazi

LM Start	0.11	Rating **	A/W	Issue No.	936
LM End	0.11	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				
Action/Comments					
Elderberries are blocking visibility and flood fight capability.					

Photo 1 of 1 : SP_2015_RD0150_17_936_20150313_00102.jpg



View of elderberry bush within 20 feet of shoulder blocking visibility and access.

LM Start	0.49	Rating **	M	Issue No.	74
LM End	0.49	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.339437 °	38.339437 °
				-121.581162 °	-121.581162 °
DWR ID	DWR_RD0150_03_f_2014_74				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					

Photo 1 of 1 : SP_2015_RD0150_17_74_20150313_00069.jpg



A rodent hole was found on the landside of the levee looking upstream.

LM Start	0.59	Rating **	M	Issue No.	54
LM End	0.59	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.340741 °	38.340741 °
				-121.580797 °	-121.580797 °
DWR ID	DWR_RD0150_03_f_2014_54				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					

Photo 1 of 1 : SP_2015_RD0150_17_54_20150313_00045.jpg



View of an animal hole on the landside of the levee looking downstream.

* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
N/A : Not Applicable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	

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

Reclamation District No. 0150 Merrit Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Elk Slough	Left	9.41	04/08/2015 04/08/2015	Pavel Kazi

LM Start	0.61	Rating **	M	Issue No.	390
LM End	0.61	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Animal Control		38.341056 °	38.341056 °	
			-121.580676 °	-121.580676 °	
DWR ID	DWR_RD0150_03_s_2015_390				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					

Photo 1 of 1 : SP_2015_RD0150_17_390_20150410_00116.jpg



Rodent holes were found on the landside of the levee looking downstream.

LM Start	0.91	Rating **	A/W	Issue No.	5
LM End	0.93	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.345293 °	38.345634 °	
			-121.579769 °	-121.579574 °	
DWR ID	DWR_RD0150_03_s_2012_5				
Action/Comments					
Elderberries are blocking visibility and flood fight capability.					

Photo 1 of 1 : SP_2015_RD0150_17_5_20150313_00004.jpg



View of elderberries on the landward slope blocking visibility and access.

LM Start	1.10	Rating **	M	Issue No.	391
LM End	2.22	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.347554 °	38.353763 °	
			-121.577998 °	-121.565976 °	
DWR ID	DWR_RD0150_03_s_2015_391				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements.					

No Photos

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

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

Reclamation District No. 0150 Merrit Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Elk Slough	Left	9.41	04/08/2015 04/08/2015	Pavel Kazi

LM Start	1.26	Rating **	M	Issue No.	392
LM End	1.26	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.347466 °	38.347466 °
				-121.574937 °	-121.574937 °
DWR ID	DWR_RD0150_03_s_2015_392				
Action/Comments					
Repair slope instability. Inspector Comments: Runoff possibly caused by animal holes.					

Photo 1 of 1 : SP_2015_RD0150_17_392_20150410_00118.jpg



Slope instability possibly caused by rodent holes were found on the waterside of the levee looking upstream.

LM Start	1.40	Rating **	M	Issue No.	393
LM End	1.40	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.347880 °	38.347880 °
				-121.572500 °	-121.572500 °
DWR ID	DWR_RD0150_03_s_2015_393				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					

Photo 1 of 1 : SP_2015_RD0150_17_393_20150413_00119.jpg



Rodent holes were found on the waterside of the levee looking downstream.

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

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

Reclamation District No. 0150 Merrit Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Elk Slough	Left	9.41	04/08/2015 04/08/2015	Pavel Kazi

LM Start	1.78	Rating **	M	Issue No.	50
LM End	1.78	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.353249 °	38.353249 °
				-121.572848 °	-121.572848 °
DWR ID	DWR_RD0150_03_s_2012_50				
Action/Comments					
Note and monitor erosion site. Inspector Comments: Erosion appeared under the pipe.					

Photo 1 of 2 : SP_2015_RD0150_17_50_20150313_00039.jpg



Steps were dug next to the pipe and also erosion was found near the vicinity of the pipe on the waterside slope of the levee looking upstream during fall 2013 inspection.

LM Start	1.78	Rating **	M	Issue No.	50 (cont)
LM End	1.78	Issue Type +	Ma	Location *	WS

Photo 2 of 2 : SP_2015_RD0150_17_50_20150313_00040.jpg



Erosion was found on the waterside slope of the levee near the vicinity of the pipe. The picture was taken from the crown looking downstream.

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

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

Reclamation District No. 0150 Merrit Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Elk Slough	Left	9.41	04/08/2015 04/08/2015	Pavel Kazi

LM Start	2.24	Rating **	M	Issue No.	75
LM End	2.24	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.353811 °	38.353811 °	
			-121.565668 °	-121.565668 °	
DWR ID	DWR_RD0150_03_f_2014_75				
Action/Comments					
Remove the wild growth other than native grasses from the levee slopes. Inspector Comments: Newly planted tree was found on the landside slope of the levee.					

Photo 1 of 1 : SP_2015_RD0150_17_75_20150313_00070.jpg



View of a few trees that were planted on the landside slope of the levee looking upstream.

LM Start	2.55	Rating **	N	Issue No.	11
LM End	2.55	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Trim / Thin Trees		38.356853 °	38.356853 °	
			-121.561565 °	-121.561565 °	
DWR ID	DWR_RD0150_03_s_2012_11				
Action/Comments					
Tree stumps.					

Photo 1 of 1 : SP_2015_RD0150_17_11_20150313_00007.jpg



View of tree stumps on the landward slope.

LM Start	2.80	Rating **	M	Issue No.	35
LM End	2.80	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Erosion / Bank Caving		38.360432 °	38.360432 °	
			-121.561644 °	-121.561644 °	
DWR ID	DWR_RD0150_03_s_2013_35				
Action/Comments					
Schedule repair of erosion site prior to the next inspection.					

Photo 1 of 3 : SP_2015_RD0150_17_35_20150413_00121.jpg



Updated picture of the erosion on the waterside of the levee during spring 2015 inspection.

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

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

Reclamation District No. 0150 Merrit Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Elk Slough	Left	9.41	04/08/2015 04/08/2015	Pavel Kazi

LM Start	2.80	Rating **	M	Issue No.	35 (cont)
LM End	2.80	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.360432 °	38.360432 °
				-121.561644 °	-121.561644 °
DWR ID	DWR_RD0150_03_s_2013_35				
Action/Comments					
Schedule repair of erosion site prior to the next inspection.					

Photo 2 of 3 : SP_2015_RD0150_17_35_20150313_00027.jpg



Updated picture of the erosion on the waterside slope of the levee during spring 2014 inspection.

LM Start	2.80	Rating **	M	Issue No.	35 (cont)
LM End	2.80	Issue Type +	Ma	Location *	WS

Photo 3 of 3 : SP_2015_RD0150_17_35_20150313_00028.jpg



Erosion was found on the waterside slope of the levee looking downstream during spring 2013 inspection.

LM Start	2.82	Rating **	N	Issue No.	17
LM End	2.82	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.360621 °	38.360621 °
				-121.561762 °	-121.561762 °
DWR ID	DWR_RD0150_03_s_2012_17				
Action/Comments					
Tree stumps.					

Photo 1 of 1 : SP_2015_RD0150_17_17_20150313_00014.jpg



View of tree stumps on the waterward slope.

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

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

Reclamation District No. 0150 Merrit Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Elk Slough	Left	9.41	04/08/2015 04/08/2015	Pavel Kazi

LM Start	2.83	Rating **	C	Issue No.	72
LM End	2.83	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Crown Surface / Depressions / Rutting			38.360737 °	38.360737 °
				-121.561814 °	-121.561814 °
DWR ID	DWR_RD0150_03_s_2014_72				
Action/Comments					
Add appropriate material and re-grade the levee to bring the crown above the design elevation.					

No Photos

LM Start	2.87	Rating **	M	Issue No.	76
LM End	2.87	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.361375 °	38.361375 °
				-121.562134 °	-121.562134 °
DWR ID	DWR_RD0150_03_s_2012_76				
Action/Comments					
Repair slope instability.					

Photo 1 of 2 : SP_2015_RD0150_17_76_20150313_00071.jpg



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

LM Start	2.87	Rating **	M	Issue No.	76 (cont)
LM End	2.87	Issue Type +	Ma	Location *	WS

Photo 2 of 2 : SP_2015_RD0150_17_76_20150313_00072.jpg



Slope instability was found on the waterside of the levee. The picture was taken from the crown looking towards the toe of the levee.

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

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

Reclamation District No. 0150 Merrit Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Elk Slough	Left	9.41	04/08/2015 04/08/2015	Pavel Kazi

LM Start	3.15	Rating **	N	Issue No.	20
LM End	3.15	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.363658 °	38.363658 °
				-121.559583 °	-121.559583 °
DWR ID	DWR_RD0150_03_s_2012_20				
Action/Comments					
Tree stumps.					

Photo 1 of 1 : SP_2015_RD0150_17_20_20150313_00015.jpg



View of tree stumps on the waterward slope.

LM Start	3.20	Rating **	M	Issue No.	77
LM End	3.20	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.363364 °	38.363364 °
				-121.558682 °	-121.558682 °
DWR ID	DWR_RD0150_03_f_2014_77				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					

Photo 1 of 1 : SP_2015_RD0150_17_77_20150313_00073.jpg



A rodent hole was found on the waterside of the levee looking upstream.

LM Start	3.25	Rating **	C	Issue No.	91
LM End	3.25	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Crown Surface / Depressions / Rutting			38.363101 °	38.363101 °
				-121.557847 °	-121.557847 °
DWR ID	DWR_RD0150_03_f_2012_91				
Action/Comments					
Add appropriate gravel or road base. Grade and compact.					

No Photos

* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
N/A : Not Applicable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	

**Flood Control Project Maintenance
Levee Inspections**

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

Reclamation District No. 0150 Merrit Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Elk Slough	Left	9.41	04/08/2015 04/08/2015	Pavel Kazi

LM Start	3.31	Rating **	M	Issue No.	40
LM End	3.31	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				
Action/Comments					
Schedule repair of erosion site prior to the next inspection.					

Photo 1 of 3 : SP_2015_RD0150_17_40_20150413_00122.jpg



Updated picture of the erosion on the waterside of the levee during spring 2015 inspection.

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

Photo 2 of 3 : SP_2015_RD0150_17_40_20150313_00032.jpg



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

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

Photo 3 of 3 : SP_2015_RD0150_17_40_20150313_00033.jpg



Erosion was found on the waterside toe of the levee looking upstream during spring 2013 inspection.

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

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

Reclamation District No. 0150 Merrit Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Elk Slough	Left	9.41	04/08/2015 04/08/2015	Pavel Kazi

LM Start	3.34	Rating **	N	Issue No.	27
LM End	3.34	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Trim / Thin Trees		38.363147 °	38.363147 °	
			-121.556190 °	-121.556190 °	
DWR ID	DWR_RD0150_03_s_2012_27				
Action/Comments					
Tree stumps.					



View of tree stumps on the waterside slope looking upstream.

LM Start	3.39	Rating **	M	Issue No.	114
LM End	3.39	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.363540 °	38.363540 °	
			-121.555555 °	-121.555555 °	
DWR ID	DWR_RD0150_03_f_2013_114				
Action/Comments					
Stairway					



View of steps that were dug on the waterside slope of the levee looking upstream.

LM Start	3.39	Rating **	U	Issue No.	115
LM End	3.39	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				
Action/Comments					
Schedule repair of erosion site prior to the next inspection. Inspector Comments: Erosion (ditch) was found on the landside toe of the levee.					



Updated picture of the ditch on the landside toe of the levee during spring 2015 inspection.

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

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

Reclamation District No. 0150 Merrit Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Elk Slough	Left	9.41	04/08/2015 04/08/2015	Pavel Kazi

LM Start	3.39	Rating **	U	Issue No.	115 (cont)
LM End	3.39	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				
Action/Comments					
Schedule repair of erosion site prior to the next inspection. Inspector Comments: Erosion (ditch) was found on the landside toe of the levee.					

Photo 2 of 2 : SP_2015_RD0150_17_115_20150313_00093.jpg



A drainage ditch with depth of 4 feet and width of 15 feet was found on the landside toe of the levee. The picture was taken from the landside slope looking upstream during the fall 2013 inspection.

LM Start	3.41	Rating **	M	Issue No.	98
LM End	3.41	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.363803 °	38.363803 °
				-121.555432 °	-121.555432 °
DWR ID	DWR_RD0150_03_s_2012_98				
Action/Comments					
Note and monitor erosion site. Inspector Comments: Erosion was located on the waterside of the levee looking downstream.					

Photo 1 of 1 : SP_2015_RD0150_17_98_20150313_00091.jpg



Erosion was found on the waterside of the levee looking downstream.

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

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

Reclamation District No. 0150 Merrit Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Elk Slough	Left	9.41	04/08/2015 04/08/2015	Pavel Kazi

LM Start	3.67	Rating **	A/W	Issue No.	927
LM End	3.67	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.367305 °	38.367305 °
				-121.554984 °	-121.554984 °
DWR ID	DWR_RD0150_03_s_2012_927				
Action/Comments					
Repair the levee slope damaged by vehicle traffic and prevent access where possible.					

Photo 1 of 2 : SP_2015_RD0150_17_927_20150313_00095.jpg



Slope instability possible due to vehicular traffic on the landside of the levee. The picture was taken from the crown looking upstream during Spring 2011 inspection.

LM Start	3.67	Rating **	A/W	Issue No.	927 (cont)
LM End	3.67	Issue Type +	Ma	Location *	LS

Photo 2 of 2 : SP_2015_RD0150_17_927_20150313_00096.jpg



Repair minor damage to levee slope along landward ramp at LM 3.75.

LM Start	3.79	Rating **	M	Issue No.	116
LM End	3.79	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				
Action/Comments					
Repair slope instability.					

No Photos

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

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

Reclamation District No. 0150 Merrit Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Elk Slough	Left	9.41	04/08/2015 04/08/2015	Pavel Kazi

LM Start	3.87	Rating **	C	Issue No.	117
LM End	3.87	Issue Type +	Ma	Location *	CR
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Crown Surface / Depressions / Rutting		38.368120 °	38.368120 °	
			-121.551522 °	-121.551522 °	
DWR ID	DWR_RD0150_03_f_2013_117				
Action/Comments					
Add appropriate gravel or road base. Grade and compact.					

No Photos

LM Start	4.26	Rating **	M	Issue No.	394
LM End	9.32	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.373066 °	38.412990 °	
			-121.550982 °	-121.524091 °	
DWR ID	DWR_RD0150_03_s_2015_394				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements.					

No Photos

LM Start	4.28	Rating **	N	Issue No.	37
LM End	4.28	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Trim / Thin Trees		38.373319 °	38.373319 °	
			-121.550836 °	-121.550836 °	
DWR ID	DWR_RD0150_03_s_2012_37				
Action/Comments					
Tree stumps.					

Photo 1 of 1 : SP_2015_RD0150_17_37_20150313_00030.jpg



View of tree stumps on the waterward slope.

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

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

Reclamation District No. 0150 Merrit Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Elk Slough	Left	9.41	04/08/2015 04/08/2015	Pavel Kazi

LM Start	4.38	Rating **	M	Issue No.	51
LM End	4.38	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.374269 °	38.374269 °	
			-121.549385 °	-121.549385 °	
DWR ID	DWR_RD0150_03_s_2012_51				
Action/Comments					
Prunings					

Photo 1 of 4 : SP_2015_RD0150_17_51_20150313_00041.jpg



Remove pruning pile on landward slope at LM 4.46.

LM Start	4.38	Rating **	M	Issue No.	51 (cont)
LM End	4.38	Issue Type +	Ma	Location *	LS

Photo 2 of 4 : SP_2015_RD0150_17_51_20150313_00042.jpg



Prunings were found on the landside of the levee looking downstream.

LM Start	4.38	Rating **	M	Issue No.	51 (cont)
LM End	4.38	Issue Type +	Ma	Location *	LS

Photo 3 of 4 : SP_2015_RD0150_17_51_20150313_00043.jpg



Prunings were found on the landside of the levee looking upstream. This picture was taken during fall 2012 inspection.

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

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

Reclamation District No. 0150 Merrit Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Elk Slough	Left	9.41	04/08/2015 04/08/2015	Pavel Kazi

LM Start	4.38	Rating **	M	Issue No.	51 (cont)
LM End	4.38	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.374269 °	38.374269 °
				-121.549385 °	-121.549385 °
DWR ID	DWR_RD0150_03_s_2012_51				
Action/Comments					
Prunings					

Photo 4 of 4 : SP_2015_RD0150_17_51_20150313_00044.jpg



Updated picture of the pruning pile on the landside of the levee looking upstream during the fall 2013 inspection.

LM Start	4.49	Rating **	M	Issue No.	80
LM End	4.49	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				
Action/Comments					
Schedule repair of erosion site prior to the next inspection.					

Photo 1 of 1 : SP_2015_RD0150_17_80_20150313_00079.jpg



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

LM Start	4.86	Rating **	C	Issue No.	65
LM End	4.86	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Crown Surface / Depressions / Rutting			38.377333 °	38.377333 °
				-121.541930 °	-121.541930 °
DWR ID	DWR_RD0150_03_s_2013_65				
Action/Comments					
Add appropriate gravel or road base. Grade and compact.					

No Photos

* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	+ Issue Type 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 - Spring 2015

Reclamation District No. 0150 Merrit Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Elk Slough	Left	9.41	04/08/2015 04/08/2015	Pavel Kazi

LM Start	4.99	Rating **	M	Issue No.	36
LM End	4.99	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				
Action/Comments					
Repair slope instability.					



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

LM Start	5.14	Rating **	M	Issue No.	941
LM End	5.14	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Crown Surface / Depressions / Rutting			38.380779 °	38.380779 °
				-121.540264 °	-121.540264 °
DWR ID	DWR_RD0150_03_s_2012_941				
Action/Comments					
Repair depressions or ruts in the crown or slope. Inspector Comments: There is a significant difference in the crown roadway elevation as it transitions from the paved roadway to the gravel access road.					



View of varying elevations in the crown of the levee at the transition from county road to access road.

LM Start	5.56	Rating **	N	Issue No.	68
LM End	5.56	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_s_2012_68				
Action/Comments					
Tree stumps.					



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

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

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

Reclamation District No. 0150 Merrit Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Elk Slough	Left	9.41	04/08/2015 04/08/2015	Pavel Kazi

LM Start	5.69	Rating **	N	Issue No.	41
LM End	5.69	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Trim / Thin Trees		38.383969 °	38.383969 °	
			-121.542806 °	-121.542806 °	
DWR ID	DWR_RD0150_03_s_2012_41				
Action/Comments					
Tree stumps.					

No Photos

LM Start	5.78	Rating **	M	Issue No.	28
LM End	5.78	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				
Action/Comments					
Remove the wild growth other than native grasses from the levee slopes.					

Photo 1 of 1 : SP_2015_RD0150_17_28_20150313_00020.jpg



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

LM Start	5.82	Rating **	M	Issue No.	57
LM End	5.82	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				
Action/Comments					
Tree or limb					

Photo 1 of 1 : SP_2015_RD0150_17_57_20150313_00048.jpg



View of a tree trunk lying on the landward slope blocking visibility.

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

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

Reclamation District No. 0150 Merrit Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Elk Slough	Left	9.41	04/08/2015 04/08/2015	Pavel Kazi

LM Start	5.95	Rating **	M	Issue No.	33
LM End	5.95	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Trim / Thin Trees		38.386351 °	38.386351 °	
			-121.539828 °	-121.539828 °	
DWR ID	DWR_RD0150_03_s_2012_33				
Action/Comments					
Thin trees to allow visibility of the ground and room to flood fight.					

Photo 1 of 1 : SP_2015_RD0150_17_33_20150313_00025.jpg



Tree trunks and vegetation was obstructing the visibility on the waterside slope of the levee looking downstream.

LM Start	5.96	Rating **	M	Issue No.	46
LM End	5.96	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.386422 °	38.386422 °	
			-121.539861 °	-121.539861 °	
DWR ID	DWR_RD0150_03_s_2012_46				
Action/Comments					
Pipe Inspector Comments: Improperly abandoned pipe through the levee.					

Photo 1 of 1 : SP_2015_RD0150_17_46_20150313_00036.jpg



View of an improperly abandoned pipe through the levee looking upstream.

LM Start	6.23	Rating **	N	Issue No.	49
LM End	6.23	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Trim / Thin Trees		38.389658 °	38.389658 °	
			-121.541518 °	-121.541518 °	
DWR ID	DWR_RD0150_03_s_2012_49				
Action/Comments					
Tree stumps.					

Photo 1 of 1 : SP_2015_RD0150_17_49_20150313_00038.jpg



View of tree stumps on the waterward slope.

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

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

Reclamation District No. 0150 Merrit Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Elk Slough	Left	9.41	04/08/2015 04/08/2015	Pavel Kazi

LM Start	6.38	Rating **	M	Issue No.	62
LM End	6.38	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Trim / Thin Trees		38.390935 °	38.390935 °	
			-121.539369 °	-121.539369 °	
DWR ID	DWR_RD0150_03_s_2012_62				
Action/Comments					
Trim and thin trees to allow visibility of the ground and room to flood fight.					

Photo 1 of 2 : SP_2015_RD0150_17_62_20150313_00056.jpg



Tree was blocking the visibility on the waterside of the levee looking upstream. This picture was taken during fall 2012 inspection.

LM Start	6.38	Rating **	M	Issue No.	62 (cont)
LM End	6.38	Issue Type +	Ma	Location *	WS

Photo 2 of 2 : SP_2015_RD0150_17_62_20150313_00057.jpg



Vegetation on the waterside of the levee looking downstream.

LM Start	6.52	Rating **	M	Issue No.	83
LM End	6.52	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.392580 °	38.392580 °	
			-121.538059 °	-121.538059 °	
DWR ID	DWR_RD0150_03_f_2014_83				
Action/Comments					
Prunings					

Photo 1 of 1 : SP_2015_RD0150_17_83_20150313_00082.jpg



Prunings were found on the landside toe of the levee looking upstream.

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

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

Reclamation District No. 0150 Merrit Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Elk Slough	Left	9.41	04/08/2015 04/08/2015	Pavel Kazi

LM Start	6.90	Rating **	M	Issue No.	61
LM End	6.90	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				
Action/Comments					
Note and monitor erosion site.					

Photo 1 of 4 : SP_2015_RD0150_17_61_20150413_00124.jpg



Updated picture of the erosion on the waterside of the levee during spring 2015 inspection.

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

Photo 2 of 4 : SP_2015_RD0150_17_61_20150313_00052.jpg



Erosion was found on the waterside slope of the levee looking downstream. This updated picture was taken during fall 2012 inspection.

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

Photo 3 of 4 : SP_2015_RD0150_17_61_20150313_00053.jpg



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

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

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

Reclamation District No. 0150 Merrit Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Elk Slough	Left	9.41	04/08/2015 04/08/2015	Pavel Kazi

LM Start	6.90	Rating **	M	Issue No.	61 (cont)
LM End	6.90	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				
Action/Comments					
Note and monitor erosion site.					

Photo 4 of 4 : SP_2015_RD0150_17_61_20150313_00054.jpg



Erosion was found on the waterside of the levee looking downstream. This picture was taken during fall 2011 inspection.

LM Start	6.91	Rating **	M	Issue No.	79
LM End	6.91	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.396698 °	38.396698 °
				-121.535406 °	-121.535406 °
DWR ID	DWR_RD0150_03_f_2012_79				
Action/Comments					
Thin trees to allow visibility of the ground and room to flood fight.					

No Photos

LM Start	7.23	Rating **	M	Issue No.	395
LM End	7.74	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.401148 °	38.406093 °
				-121.536530 °	-121.543030 °
DWR ID	DWR_RD0150_03_s_2015_395				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements.					

No Photos

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

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

Reclamation District No. 0150 Merrit Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Elk Slough	Left	9.41	04/08/2015 04/08/2015	Pavel Kazi

LM Start	7.38	Rating **	N	Issue No.	63
LM End	7.38	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Trim / Thin Trees		38.402779 °	38.402779 °	
			-121.538197 °	-121.538197 °	
DWR ID	DWR_RD0150_03_s_2012_63				
Action/Comments					
Tree stumps.					

Photo 1 of 1 : SP_2015_RD0150_17_63_20150313_00058.jpg



View of a tree stump on the landward slope.

LM Start	7.47	Rating **	M	Issue No.	935
LM End	7.47	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.403795 °	38.403795 °	
			-121.539205 °	-121.539205 °	
DWR ID	DWR_RD0150_03_s_2012_935				
Action/Comments					
Prunings					

Photo 1 of 3 : SP_2015_RD0150_17_935_20150313_00099.jpg



Prunings located on the toe of landward side of the levee. The picture was taken from the crown looking upstream.

LM Start	7.47	Rating **	M	Issue No.	935 (cont)
LM End	7.47	Issue Type +	Ma	Location *	LS

Photo 2 of 3 : SP_2015_RD0150_17_935_20150313_00100.jpg



Prunings were found on the landside of the levee looking upstream.

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

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

Reclamation District No. 0150 Merrit Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Elk Slough	Left	9.41	04/08/2015 04/08/2015	Pavel Kazi

LM Start	7.47	Rating **	M	Issue No.	935 (cont)
LM End	7.47	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.403795 °	38.403795 °
				-121.539205 °	-121.539205 °
DWR ID	DWR_RD0150_03_s_2012_935				
Action/Comments					
Prunings					

Photo 3 of 3 : SP_2015_RD0150_17_935_20150313_00101.jpg



Prunings were found on the landside of the levee looking upstream. This picture was taken during fall 2011 inspection.

LM Start	7.74	Rating **	M	Issue No.	396
LM End	7.74	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				
Action/Comments					
Repair slope instability. Inspector Comments: Slope instability caused by a tree.					

Photo 1 of 1 : SP_2015_RD0150_17_396_20150413_00125.jpg



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

LM Start	8.02	Rating **	M	Issue No.	92
LM End	8.02	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.409130 °	38.409130 °
				-121.539971 °	-121.539971 °
DWR ID	DWR_RD0150_03_s_2014_92				
Action/Comments					
Repair slope instability.					

Photo 1 of 2 : SP_2015_RD0150_17_92_20150413_00126.jpg



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

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance
Levee Inspections**

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

Reclamation District No. 0150 Merrit Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Elk Slough	Left	9.41	04/08/2015 04/08/2015	Pavel Kazi

LM Start	8.02	Rating **	M	Issue No.	92 (cont)
LM End	8.02	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.409130 °	38.409130 °
				-121.539971 °	-121.539971 °
DWR ID	DWR_RD0150_03_s_2014_92				
Action/Comments					
Repair slope instability.					

Photo 2 of 2 : SP_2015_RD0150_17_92_20150313_00090.jpg



A slope instability was found on the waterside of the levee looking downstream.

LM Start	8.05	Rating **	M	Issue No.	82
LM End	8.05	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.409224 °	38.409224 °
				-121.539350 °	-121.539350 °
DWR ID	DWR_RD0150_03_f_2013_82				
Action/Comments					
Prunings					

Photo 1 of 1 : SP_2015_RD0150_17_82_20150313_00081.jpg



Prunings were found on the landside toe of the levee looking upstream.

LM Start	8.31	Rating **	M	Issue No.	66
LM End	8.31	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				
Action/Comments					
Note and monitor erosion site.					

Photo 1 of 2 : SP_2015_RD0150_17_66_20150413_00127.jpg



Updated picture of the erosion on the waterside of the levee during spring 2015 inspection.

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

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

Reclamation District No. 0150 Merrit Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Elk Slough	Left	9.41	04/08/2015 04/08/2015	Pavel Kazi

LM Start	8.37	Rating **	M	Issue No.	89 (cont)
LM End	8.37	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Animal Control		38.408153 °	38.408153 °	
			-121.533980 °	-121.533980 °	
DWR ID	DWR_RD0150_03_s_2012_89				
Action/Comments					
Exterminate rodents and backfill and compact or grout burrows.					

Photo 3 of 3 : SP_2015_RD0150_17_89_20150313_00086.jpg



View of the rodent hole on the waterside shoulder of the levee looking downstream during the fall 2013 inspection.

LM Start	8.46	Rating **	N	Issue No.	90
LM End	8.46	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				
Action/Comments					
Tree stumps.					

Photo 1 of 1 : SP_2015_RD0150_17_90_20150313_00087.jpg



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

LM Start	8.50	Rating **	N	Issue No.	55
LM End	8.50	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				
Action/Comments					
Tree stumps.					

Photo 1 of 1 : SP_2015_RD0150_17_55_20150313_00046.jpg



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

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

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

Reclamation District No. 0150 Merrit Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Elk Slough	Left	9.41	04/08/2015 04/08/2015	Pavel Kazi

LM Start	9.21	Rating **	N	Issue No.	59
LM End	9.21	Issue Type +	Ma	Location *	WS
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				
Action/Comments					
Tree stumps.					

Photo 1 of 1 : SP_2015_RD0150_17_59_20150313_00050.jpg



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

LM Start	9.35	Rating **	M	Issue No.	73
LM End	9.35	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Trim / Thin Trees		38.413169 °	38.413169 °	
			-121.523707 °	-121.523707 °	
DWR ID	DWR_RD0150_03_s_2012_73				
Action/Comments					
Trim and thin trees to allow visibility of the ground and room to flood fight.					

Photo 1 of 1 : SP_2015_RD0150_17_73_20150313_00068.jpg



Thin/trim trees to allow for visibility of top 20' of waterward slope at LM 9.51.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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