

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

Reclamation District No. 0785 Driver

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	2.26	10/27/2020 10/27/2020	Zach Jojola

LM Start		Rating **	A	Issue No.	3
LM End		Issue Type +	Ma	Location *	
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Emergency Supplies & Equipment			°	°
				°	°
DWR ID	DWR_RD0785_01_s_2013_3				
Comment Code					
Inspector Comment					
LMA has emergency supplies and equipment at the firehouse.					

No Photos

LM Start		Rating **	A	Issue No.	7
LM End		Issue Type +	Ma	Location *	
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Flood Preparedness & Training			°	°
				°	°
DWR ID	DWR_RD0785_01_s_2013_7				
Comment Code					
Inspector Comment					
LMA is current with flood fight training.					

No Photos

LM Start		Rating **	A	Issue No.	10
LM End		Issue Type +	Ma	Location *	
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Operations & Maintenance Manuals			°	°
				°	°
DWR ID	DWR_RD0785_01_s_2012_10				
Comment Code					
Inspector Comment					
LMA has the O&M Manual at the firehouse.					

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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Reclamation District No. 0785 Driver

View of erosion on the landside slope. Spring 2019.

View of rodent holes on the landside slope. Fall 2020.

View of erosion on waterisde slope. Fall 2020.

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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	2.26	10/27/2020 10/27/2020	Zach Jojola

LM Start	0.25	Rating **	M	Issue No.	31
LM End	0.34	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.658881 °	38.657887 °
				-121.609954 °	-121.608909 °
DWR ID	DWR_RD0785_01_f_2019_31				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					

No Photos

LM Start	0.28	Rating **	N	Issue No.	36
LM End	0.28	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.658537 °	38.658537 °
				-121.609675 °	-121.609675 °
DWR ID	DWR_RD0785_01_s_2017_36				
Comment Code					
T5 : Tree stumps.					
Inspector Comment					

Photo 1 of 1 : FA_2020_RD0785_185_36_20200813_00014.jpg



View of stump on landside levee slope. Spring 2017.

LM Start	0.28	Rating **	A/W	Issue No.	1
LM End	0.28	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.658467 °	38.658467 °
				-121.609573 °	-121.609573 °
DWR ID	DWR_RD0785_01_s_2012_1				
Comment Code					
V4 : Elderberries are blocking visibility and flood fight capability.					
Inspector Comment					

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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Unit No. 01 Sacramento River	Right	2.26	10/27/2020 10/27/2020	Zach Jojola

LM Start	0.40	Rating **	A/W	Issue No.	2
LM End	0.44	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.657168 °	38.656697 °
				-121.608270 °	-121.607845 °
DWR ID	DWR_RD0785_01_s_2012_2				
Comment Code					
V4 : Elderberries are blocking visibility and flood fight capability.					
Inspector Comment					

No Photos

LM Start	0.45	Rating **	A/W	Issue No.	50
LM End	0.46	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.656502 °	38.656440 °
				-121.607623 °	-121.607571 °
DWR ID	DWR_RD0785_01_s_2018_50				
Comment Code					
V4 : Elderberries are blocking visibility and flood fight capability.					
Inspector Comment					

No Photos

LM Start	0.46	Rating **	A/W	Issue No.	20
LM End	0.46	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.656493 °	38.656493 °
				-121.607614 °	-121.607614 °
DWR ID	DWR_RD0785_01_s_2019_20				
Comment Code					
E1 : Note and monitor erosion site.					
Inspector Comment					
Minor runoff on the waterside slope. Recommend monitoring.					

Photo 1 of 1 : FA_2020_RD0785_185_20_20201028_00034.jpg



View of erosion on waterside slope. Fall 2020.

* 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
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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	2.26	10/27/2020 10/27/2020	Zach Jojola

LM Start	0.64	Rating **	M	Issue No.	22
LM End	0.64	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.654294 °	38.654294 °
				-121.605949 °	-121.605949 °
DWR ID	DWR_RD0785_01_s_2019_22				
Comment Code					
E2 : Schedule repair of erosion site prior to the next inspection.					
Inspector Comment					
Erosion around drainage pipe.					

Photo 1 of 1 : FA_2020_RD0785_185_22_20200813_00009.jpg



View of erosion on the landside slope. Spring 2019.

LM Start	0.76	Rating **	N	Issue No.	181
LM End	0.76	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.653003 °	38.653003 °
				-121.605061 °	-121.605061 °
DWR ID	DWR_RD0785_01_s_2014_181				
Comment Code					
T5 : Tree stumps.					
Inspector Comment					

Photo 1 of 1 : FA_2020_RD0785_185_181_20200813_00017.jpg



View of the tree stumps on the landward side of the levee looking upstream. Spring 2016.

LM Start	0.77	Rating **	M	Issue No.	34
LM End	0.77	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.652885 °	38.652885 °
				-121.604945 °	-121.604945 °
DWR ID	DWR_RD0785_01_s_2020_34				
Comment Code					
E2 : Schedule repair of erosion site prior to the next inspection.					
Inspector Comment					

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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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	2.26	10/27/2020 10/27/2020	Zach Jojola

LM Start	0.85	Rating **	A/W	Issue No.	5
LM End	0.94	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.651863 °	38.650777 °
				-121.604158 °	-121.603182 °
DWR ID	DWR_RD0785_01_s_2012_5				
Comment Code					
V4 : Elderberries are blocking visibility and flood fight capability.					
Inspector Comment					

No Photos

LM Start	0.86	Rating **	C	Issue No.	18
LM End	0.86	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.651790 °	38.651790 °
				-121.604014 °	-121.604014 °
DWR ID	DWR_RD0785_01_s_2018_18				
Comment Code					
TR : Tree or limb					
Inspector Comment					

No Photos

LM Start	0.99	Rating **	N	Issue No.	28
LM End	0.99	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.650055 °	38.650055 °
				-121.602752 °	-121.602752 °
DWR ID	DWR_RD0785_01_f_2020_28				
Comment Code					
T5 : Tree stumps.					
Inspector Comment					

Photo 1 of 1 : FA_2020_RD0785_185_28_20200813_00011.jpg



Two tree stumps near levee toe on landside. Fall 2016.

* 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 Sacramento River	Right	2.26	10/27/2020 10/27/2020	Zach Jojola

LM Start	1.02	Rating **	C	Issue No.	29	
LM End	1.02	Issue Type +	Ma	Location *	LS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Animal Control			38.649798 °		38.649798 °
				-121.602373 °		-121.602373 °
DWR ID	DWR_RD0785_01_f_2016_29					
Comment Code						
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.						
Inspector Comment						

No Photos

LM Start	1.02	Rating **	N	Issue No.	30
LM End	1.02	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.649775 °	38.649775 °
				-121.602363 °	-121.602363 °
DWR ID	DWR_RD0785_01_f_2016_30				
Comment Code					
T5 : Tree stumps.					
Inspector Comment					
Tree stump near levee toe					

Photo 1 of 1 : FA_2020_RD0785_185_30_20200813_00013.jpg



View of a stump near levee toe on landside. Fall 2016.

LM Start	1.11	Rating **	M	Issue No.	16
LM End	1.21	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.648857 °	38.647805 °
				-121.601213 °	-121.600076 °
DWR ID	DWR_RD0785_01_f_2013_16				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					

Photo 1 of 1 : FA_2020_RD0785_185_16_20200813_00006.jpg



Brush and other vegetation partially blocks visibility. Spring 2014

*** Location**

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+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	2.26	10/27/2020 10/27/2020	Zach Jojola

LM Start	1.30	Rating **	A/W	Issue No.	6
LM End	1.30	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.646712 °	38.646712 °
				-121.599095 °	-121.599095 °
DWR ID	DWR_RD0785_01_s_2012_6				
Comment Code					
V4 : Elderberries are blocking visibility and flood fight capability.					
Inspector Comment					

No Photos

LM Start	1.31	Rating **	M	Issue No.	13
LM End	1.31	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.646652 °	38.646652 °
				-121.598907 °	-121.598907 °
DWR ID	DWR_RD0785_01_s_2013_13				
Comment Code					
E2 : Schedule repair of erosion site prior to the next inspection.					
Inspector Comment					
Rills on the waterside slope.					

Photo 1 of 1 : FA_2020_RD0785_185_13_20200813_00003.jpg



View of runoff on the waterside slope. Spring 2018.

LM Start	1.34	Rating **	A/W	Issue No.	26
LM End	1.34	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.646240 °	38.646240 °
				-121.598504 °	-121.598504 °
DWR ID	DWR_RD0785_01_f_2019_26				
Comment Code					
E1 : Note and monitor erosion site.					
Inspector Comment					
Rills on the waterside slope. Recommend monitoring.					

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 Sacramento River	Right	2.26	10/27/2020 10/27/2020	Zach Jojola

LM Start	1.54	Rating **	C	Issue No.	23
LM End	1.54	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.644119 °	38.644119 °
				-121.596169 °	-121.596169 °
DWR ID	DWR_RD0785_01_f_2019_23				
Comment Code					
DE : Debris					
Inspector Comment					

No Photos

LM Start	1.68	Rating **	N	Issue No.	356
LM End	1.68	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.642650 °	38.642650 °
				-121.594168 °	-121.594168 °
DWR ID	DWR_RD0785_01_s_2015_356				
Comment Code					
T5 : Tree stumps.					
Inspector Comment					

No Photos

LM Start	1.78	Rating **	M	Issue No.	15
LM End	1.78	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.642042 °	38.642042 °
				-121.592536 °	-121.592536 °
DWR ID	DWR_RD0785_01_s_2019_15				
Comment Code					
E2 : Schedule repair of erosion site prior to the next inspection.					
Inspector Comment					
Rills on the waterside slope.					

Photo 1 of 1 : FA_2020_RD0785_185_15_20201028_00030.jpg



View of erosion on the waterside slope. Fall 2020.

*** Location**

LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

**** Rating**

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+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	2.26	10/27/2020 10/27/2020	Zach Jojola

LM Start	2.24	Rating **	C	Issue No.	19
LM End	2.24	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Erosion / Bank Caving		38.642988 °	38.642988 °	
			-121.584481 °	-121.584481 °	
DWR ID	DWR_RD0785_01_s_2018_19				
Comment Code					
E1 : Note and monitor erosion site.					
Inspector Comment					

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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Reclamation District No. 0785 Driver

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Left	3.31	10/27/2020 10/27/2020	Zach Jojola

LM Start	0.38	Rating **	A/W	Issue No.	280
LM End	0.38	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.636265 °	38.636265 °
				-121.617422 °	-121.617422 °
DWR ID	DWR_RD0785_02_s_2015_280				
Comment Code					
S1 : Repair slope instability.					
Inspector Comment					
Seems to be a bulge at the toe of the levee. Recommend monitoring.					

Photo 1 of 1 : FA_2020_RD0785_186_280_20200813_00005.jpg



View of the slope stability on the landward side of the levee looking upstream. Spring 2016.

LM Start	0.64	Rating **	C	Issue No.	4
LM End	0.64	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Crown Surface / Depressions / Rutting			38.632901 °	38.632901 °
				-121.615464 °	-121.615464 °
DWR ID	DWR_RD0785_02_s_2019_4				
Comment Code					
C2 : Repair depressions or ruts in the crown or slope.					
Inspector Comment					

No Photos

LM Start	1.24	Rating **	A	Issue No.	5
LM End	1.24	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.625186 °	38.625186 °
				-121.610187 °	-121.610187 °
DWR ID	DWR_RD0785_02_f_2020_5				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
LMA maintains vegetation at a high level.					

Photo 1 of 1 : FA_2020_RD0785_186_5_20201028_00008.jpg



View of the maintained waterside slope. Fall 2020.

* 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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Reclamation District No. 0785 Driver

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Left	3.31	10/27/2020 10/27/2020	Zach Jojola

LM Start	1.52	Rating **	M	Issue No.	24
LM End	1.52	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.621694 °	38.621694 °
				-121.607610 °	-121.607610 °
DWR ID	DWR_RD0785_02_s_2017_24				
Comment Code					
S2 : Repair the levee slope damaged by foot traffic and prevent access where possible.					
Inspector Comment					
Footpath for environmental access site. There is a noticeable dip on the waterside slope.					

Photo 1 of 1 : FA_2020_RD0785_186_24_20200813_00004.jpg



View of slope stability on waterside levee slope. Spring 2017.

LM Start	1.85	Rating **	C	Issue No.	10
LM End	1.86	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Cracking			38.617562 °	38.617421 °
				-121.604431 °	-121.604321 °
DWR ID	DWR_RD0785_02_f_2019_10				
Comment Code					
CR1 : Monitor and have inspected by geotechnical engineer.					
Inspector Comment					

No Photos

LM Start	2.82	Rating **	C	Issue No.	11
LM End	2.83	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Cracking			38.605597 °	38.605436 °
				-121.595097 °	-121.594980 °
DWR ID	DWR_RD0785_02_f_2019_11				
Comment Code					
CR1 : Monitor and have inspected by geotechnical engineer.					
Inspector Comment					
Appears to be a 100' longitudinal crack that shows some settlement on the landside shoulder. Recommend having the area inspected by a geotech.					

No Photos

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