

**Flood Control Project Maintenance
Levee Inspections**

Fall 2019 Levee Maintenance Deficiency Summary Report

Overall LMA & Unit Ratings, including USACE Erosion Survey

Sacramento River Basin

RD0785 Reclamation District No. 0785 Driver	Overall LMA Rating	Total LMA Miles						
	M	5.57						
Rated Item	Maintenance Deficiency				Enforcement		Design & System Obsolescence	
	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
<i>Earthen Levee</i>								
Vegetation	0.79		0.79	14.19%	0.01			
Encroachments	0.03		0.03	0.54%	0.12			
Animal Control	0.01		0.01	0.18%				
Slope Stability	0.01		0.01	0.18%				
Erosion / Bank Caving	0.08	0.01	0.12	2.16%				
Cracking	0.02		0.02	0.36%				
Crown Surface / Depressions / Rutting	0.01		0.01	0.18%				
<i>Supplemental</i>								
DRAFT DWR UCIP Field Study					0.07			
<i>LMA Totals:</i>	0.95	0.01	0.99	17.78%	0.20	0.00	0.00	0.00
Unit No. 01 Sacramento River RB								
RD0785	Overall Unit Rating	Total Unit Miles						
	U	2.26						
Rated Item	Maintenance Deficiency				Enforcement		Design & System Obsolescence	
	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
<i>Earthen Levee</i>								
Vegetation	0.37		0.37	16.40%	0.01			
Encroachments	0.02		0.02	0.89%	0.11			
Animal Control	0.01		0.01	0.44%				
Erosion / Bank Caving	0.08	0.01	0.12	5.32%				
<i>Supplemental</i>								
DRAFT DWR UCIP Field Study					0.04			
<i>Unit Totals:</i>	0.48	0.01	0.52	23.05%	0.16	0.00	0.00	0.00
Unit No. 02 Yolo Bypass LB								
RD0785	Overall Unit Rating	Total Unit Miles						
	M	3.31						
Rated Item	Maintenance Deficiency				Enforcement		Design & System Obsolescence	
	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
<i>Earthen Levee</i>								
Vegetation	0.42		0.42	12.68%				
Encroachments	0.01		0.01	0.30%	0.01			
Slope Stability	0.01		0.01	0.30%				
Cracking	0.02		0.02	0.60%				
Crown Surface / Depressions / Rutting	0.01		0.01	0.30%				
<i>Supplemental</i>								
DRAFT DWR UCIP Field Study					0.03			
<i>Unit Totals:</i>	0.47	0.00	0.47	14.19%	0.04	0.00	0.00	0.00

**Flood Control Project Maintenance
Levee Inspections
LMA District Cover Sheet
Fall 2019 Levee Inspection Results**

Reclamation District No. 0785 Driver

	Spring (March - May)	Summer ** (June - August)	Fall (September - November)	Winter ** (December - February)
† Overall LMA Rating (Fall Only)			M	

** Non-receipt of Summer or Winter Inspection
Reports may effect overall annual rating.

† SPRING INSPECTIONS: Overall maintenance ratings are not determined for the spring inspection results. Individual maintenance deficiencies are rated using the same criteria in the spring and in the fall.

FALL INSPECTIONS: The overall maintenance rating shown above is based on operation and maintenance deficiencies identified within the attached unit inspection reports. This rating is not intended to be an indication of risk.

Comments

**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Fall 2019 Levee Inspection Results

Reclamation District No. 0785 Driver

Waterway	Bank	Unit Miles
Unit No. 01 Sacramento River	Right	2.26

	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			U	
Date of Inspection	3/7/2019 - 3/7/2019		11/12/2019 - 11/12/2019	
DWR Inspector	Zach Jojola		Zach Jojola	
Accompanied By	Makar Sokol DWR		David Julian DWR	

Summer & Winter Inspections

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

<http://cdec.water.ca.gov/lma.html>

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2019

Reclamation District No. 0785 Driver

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	2.26	11/12/2019 11/12/2019	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			o	o
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			o	o
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			o	o
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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Flood Control Project Maintenance
Levee Inspections

Levee Inspection Report By Mile - Fall 2019

Reclamation District No. 0785 Driver

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	2.26	11/12/2019 11/12/2019	Zach Jojola

LM Start	0.00	Rating **	M	Issue No.	358
LM End	0.00	Issue Type +	En	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DRAFT DWR UCIP Field Study		38.660986 °	38.660986 °	
			-121.613532 °	-121.613532 °	
DWR ID	22974				
Comment Code					
Inspector Comment					
DS_ID:22974 FS_ID:53407 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 07/17/2018 Unable to acces pumphouse due to heavy vegetation. No integrity issue observed, therefore crossing downgraded to "Non-Urgent". Crossing is a part of DWR DMP Phase1 for internal video inspection. (O.Yakimov-DWR UCIP)07/18/2016 Same as last inspection. Pipe is silted in as visible through the LS pumphouse. (K. Fazel - UCIP)03/19/2015 Pipe appears to be abandoned and should be done so properly as it is open on the LS inside the pumphouse. Dense vegetation on both sides of the levee. (G. Wylie - FPIIB) FIELD_STRUCT_DESC: *ABANDONED* 30-inch steel pipe of an unknown purpose through the levee, 10 feet below the crown. Landside (LS) end open inside a concrete pump house on the LS shoulder. Unable to find the pipe on the waterside (WS). [Additional Reference(s): DWR Levee Log, 1988. USACE Sacramento O&M Manual 122.1, August 1955, (RM 70.05), 18-inch pipe referenced, invert elevation 33.4 feet]. FS Date: 7/17/2018 7:50:37 AM					

Photo 1 of 3 : UCIP_FA_2019_53407_73402.jpg



Pipe open at base of concrete building on LS shoulder. No pump found.

LM Start	0.00	Rating **	M	Issue No.	358 (cont)
LM End	0.00	Issue Type +	En	Location *	

Photo 2 of 3 : UCIP_FA_2019_53407_73401.jpg



Pumphouse on LS shoulder.

* 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**

Levee Inspection Report By Mile - Fall 2019

Reclamation District No. 0785 Driver

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	2.26	11/12/2019 11/12/2019	Zach Jojola

LM Start	0.11	Rating **	U	Issue No.	9 (cont)
LM End	0.11	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.660211°	38.660211°
				-121.611748°	-121.611748°
DWR ID	DWR_RD0785_01_f_2017_9				
Comment Code					
E2 : Schedule repair of erosion site prior to the next inspection.					
Inspector Comment					
Significant runoff erosion on landside slope.					

Photo 2 of 6 : FA_2019_RD0785_185_9_20190829_00004.jpg



View of erosion on the landside slope. Spring 2019.

LM Start	0.11	Rating **	U	Issue No.	9 (cont)
LM End	0.11	Issue Type +	Ma	Location *	LS

Photo 3 of 6 : FA_2019_RD0785_185_9_20190829_00005.jpg



View of erosion on the landside slope. Fall 2018.

LM Start	0.11	Rating **	U	Issue No.	9 (cont)
LM End	0.11	Issue Type +	Ma	Location *	LS

Photo 4 of 6 : FA_2019_RD0785_185_9_20190829_00006.jpg



Additional view of erosion on the landside slope. Fall 2018.

* 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**

Levee Inspection Report By Mile - Fall 2019

Reclamation District No. 0785 Driver

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	2.26	11/12/2019 11/12/2019	Zach Jojola

LM Start	0.11	Rating **	U	Issue No.	9 (cont)
LM End	0.11	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.660211 °	38.660211 °
				-121.611748 °	-121.611748 °
DWR ID	DWR_RD0785_01_f_2017_9				
Comment Code					
E2 : Schedule repair of erosion site prior to the next inspection.					
Inspector Comment					
Significant runoff erosion on landside slope.					

Photo 5 of 6 : FA_2019_RD0785_185_9_20190829_00007.jpg



View of runoff on the landside slope. Spring 2018.

LM Start	0.11	Rating **	U	Issue No.	9 (cont)
LM End	0.11	Issue Type +	Ma	Location *	LS

Photo 6 of 6 : FA_2019_RD0785_185_9_20190829_00008.jpg



View of runoff erosion on the landside slope. Fall 2017.

LM Start	0.24	Rating **	M	Issue No.	24
LM End	0.24	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.658998 °	38.658998 °
				-121.610081 °	-121.610081 °
DWR ID	DWR_RD0785_01_s_2017_24				
Comment Code					
E2 : Schedule repair of erosion site prior to the next inspection.					
Inspector Comment					
Runoff erosion on waterside slope.					

Photo 1 of 1 : FA_2019_RD0785_185_24_20190829_00019.jpg



Runoff erosion on waterside levee slope. Spring 2017.

* 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**

Levee Inspection Report By Mile - Fall 2019

Reclamation District No. 0785 Driver

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	2.26	11/12/2019 11/12/2019	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_2019_RD0785_185_36_20190829_00024.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 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**

Levee Inspection Report By Mile - Fall 2019

Reclamation District No. 0785 Driver

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	2.26	11/12/2019 11/12/2019	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.					

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**

Levee Inspection Report By Mile - Fall 2019

Reclamation District No. 0785 Driver

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	2.26	11/12/2019 11/12/2019	Zach Jojola

LM Start	0.50	Rating **	M	Issue No.	27
LM End	0.55	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.655943°	38.655369°
				-121.607223°	-121.606763°
DWR ID	DWR_RD0785_01_f_2019_27				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					

No Photos

LM Start	0.58	Rating **	M	Issue No.	21
LM End	0.59	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.654962°	38.654659°
				-121.606490°	-121.606235°
DWR ID	DWR_RD0785_01_s_2019_21				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Cactus on the landside slope.					

No Photos

LM Start	0.60	Rating **	M	Issue No.	32
LM End	0.73	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.654510°	38.653448°
				-121.606106°	-121.605338°
DWR ID	DWR_RD0785_01_f_2019_32				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
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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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2019

Reclamation District No. 0785 Driver

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	2.26	11/12/2019 11/12/2019	Zach Jojola

LM Start	0.63	Rating **	M	Issue No.	359
LM End	0.63	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DRAFT DWR UCIP Field Study			38.654641 °	38.654641 °
				-121.605538 °	-121.605538 °
DWR ID	22982				
Comment Code					
Inspector Comment					
DS_ID:22982 FS_ID:43963 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Part of abandoned pipe also found on waterside that should be removed.No access to landside across the highway. FIELD_STRUCT_DESC: 2 of 2: 0.75-inch steel electrical conduit through the levee, 1 foot below the crown. [Additional Reference(s): DWR Levee Log, 1988]. FS Date: 11/21/2013					

Photo 1 of 3 : UCIP_FA_2019_43963_45628.jpg



WS view: slant pump, walkway, and electric control box in shed on levee slope.

LM Start	0.63	Rating **	M	Issue No.	359 (cont)
LM End	0.63	Issue Type +	En	Location *	

Photo 2 of 3 : UCIP_FA_2019_43963_45627.jpg



WS view: slant pump and walkway on levee 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**

Levee Inspection Report By Mile - Fall 2019

Reclamation District No. 0785 Driver

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	2.26	11/12/2019 11/12/2019	Zach Jojola

LM Start	0.63	Rating **	M	Issue No.	359 (cont)
LM End	0.63	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DRAFT DWR UCIP Field Study			38.654641 °	38.654641 °
				-121.605538 °	-121.605538 °
DWR ID	22982				
Comment Code					
Inspector Comment					
DS_ID:22982 FS_ID:43963 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Part of abandoned pipe also found on waterside that should be removed.No access to landside across the highway. FIELD_STRUCT_DESC: 2 of 2: 0.75-inch steel electrical conduit through the levee, 1 foot below the crown. [Additional Reference(s): DWR Levee Log, 1988]. FS Date: 11/21/2013					

Photo 3 of 3 : UCIP_FA_2019_43963_45626.jpg



WS view: two steel pipes on levee slope. Abandoned pipe on left.

LM Start	0.63	Rating **	M	Issue No.	56
LM End	0.71	Issue Type +	En	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.654611 °	38.653636 °
				-121.605538 °	-121.605061 °
DWR ID	DWR_RD0785_01_s_2017_56				
Comment Code					
EQ : Equipment					
Inspector Comment					
Bee hives.					

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**

Levee Inspection Report By Mile - Fall 2019

Reclamation District No. 0785 Driver

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	2.26	11/12/2019 11/12/2019	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_2019_RD0785_185_22_20190829_00018.jpg



View of erosion on the landside slope. Spring 2019.

LM Start	0.68	Rating **	M	Issue No.	49
LM End	0.68	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.654144 °	38.654144 °
				-121.605117 °	-121.605117 °
DWR ID	DWR_RD0785_01_f_2016_49				
Comment Code					
EQ : Equipment					
Inspector Comment					
Abandoned crane on waterward side.					

Photo 1 of 1 : FA_2019_RD0785_185_49_20190829_00025.jpg



View of an abandoned crane on waterward side of the levee. Fall 2016.

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_2019_RD0785_185_181_20190829_00027.jpg



View of the tree stumps on the landward side of the levee looking upstream. Spring 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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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2019

Reclamation District No. 0785 Driver

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	2.26	11/12/2019 11/12/2019	Zach Jojola

LM Start	0.77	Rating **	C	Issue No.	4
LM End	0.77	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.652825°	38.652825°
				-121.604920°	-121.604920°
DWR ID	DWR_RD0785_01_s_2018_4				
Comment Code					
E1 : Note and monitor erosion site.					
Inspector Comment					
Runoff on landside slope.					

No Photos

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 **	M	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					
Fallen tree on the waterside slope.					

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**

Levee Inspection Report By Mile - Fall 2019

Reclamation District No. 0785 Driver

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	2.26	11/12/2019 11/12/2019	Zach Jojola

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_2016_28				
Comment Code					
T5 : Tree stumps.					
Inspector Comment					

Photo 1 of 1 : FA_2019_RD0785_185_28_20190829_00020.jpg



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

LM Start	1.02	Rating **	M	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					
Rodent holes on the landside slope.					

Photo 1 of 2 : FA_2019_RD0785_185_29_20190829_00021.jpg



View of rodent holes on LS slope. Fall 2016.

LM Start	1.02	Rating **	M	Issue No.	29 (cont)
LM End	1.02	Issue Type +	Ma	Location *	LS

Photo 2 of 2 : FA_2019_RD0785_185_29_20190829_00022.jpg



Another view of rodent holes. 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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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2019

Reclamation District No. 0785 Driver

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	2.26	11/12/2019 11/12/2019	Zach Jojola

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_2019_RD0785_185_30_20190829_00023.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 2 : FA_2019_RD0785_185_16_20190829_00014.jpg



Brush and other vegetation partially blocks visibility or access to the levee slope. Fall 2013

LM Start	1.11	Rating **	M	Issue No.	16 (cont)
LM End	1.21	Issue Type +	Ma	Location *	WS

Photo 2 of 2 : FA_2019_RD0785_185_16_20190829_00015.jpg



Brush and other vegetation partially blocks visibility. Spring 2014

* 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**

Levee Inspection Report By Mile - Fall 2019

Reclamation District No. 0785 Driver

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	2.26	11/12/2019 11/12/2019	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 2 : FA_2019_RD0785_185_13_20190829_00009.jpg



View of runoff on the waterside slope. Spring 2018.

LM Start	1.31	Rating **	M	Issue No.	13 (cont)
LM End	1.31	Issue Type +	Ma	Location *	WS

Photo 2 of 2 : FA_2019_RD0785_185_13_20190829_00010.jpg



View of the runoff on the waterside slope. 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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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2019

Reclamation District No. 0785 Driver

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	2.26	11/12/2019 11/12/2019	Zach Jojola

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

LM Start	1.41	Rating **	M	Issue No.	17
LM End	1.41	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Erosion / Bank Caving		38.645424 °	38.645424 °	
			-121.597716 °	-121.597716 °	
DWR ID	DWR_RD0785_01_s_2019_17				
Comment Code					
E2 : Schedule repair of erosion site prior to the next inspection.					
Inspector Comment					
Runoff erosion on the waterside slope.					

Photo 1 of 1 : FA_2019_RD0785_185_17_20190829_00016.jpg



View of runoff erosion on the waterside slope. Spring 2019.

LM Start	1.50	Rating **	M	Issue No.	25
LM End	1.50	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Erosion / Bank Caving		38.644482 °	38.644482 °	
			-121.596644 °	-121.596644 °	
DWR ID	DWR_RD0785_01_f_2019_25				
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_2019_RD0785_185_25_20191112_00040.jpg



View of erosion on the waterside slope. Fall 2019.

* 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**

Levee Inspection Report By Mile - Fall 2019

Reclamation District No. 0785 Driver

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	2.26	11/12/2019 11/12/2019	Zach Jojola

LM Start	1.51	Rating **	M	Issue No.	55
LM End	1.51	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.644349°	38.644349°
				-121.596506°	-121.596506°
DWR ID	DWR_RD0785_01_f_2017_55				
Comment Code					
E2 : Schedule repair of erosion site prior to the next inspection.					
Inspector Comment					
Runoff on waterside slope.					

Photo 1 of 1 : FA_2019_RD0785_185_55_20190829_00026.jpg



View of the runoff erosion on the waterside slope. Fall 2017.

LM Start	1.54	Rating **	M	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					
Wood pile on the waterside slope.					

No Photos

LM Start	1.66	Rating **	M	Issue No.	33
LM End	1.66	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.642905°	38.642905°
				-121.594518°	-121.594518°
DWR ID	DWR_RD0785_01_f_2019_33				
Comment Code					
FW : Firewood					
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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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2019

Reclamation District No. 0785 Driver

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	2.26	11/12/2019 11/12/2019	Zach Jojola

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_2019_RD0785_185_15_20190829_00013.jpg



View of rill on the waterside slope. Spring 2019.

LM Start	2.24	Rating **	M	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					
Runoff erosion on waterside slope.					

Photo 1 of 1 : FA_2019_RD0785_185_19_20190829_00017.jpg



View of runoff erosion on the waterside slope. Fall 2017.

* 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**

Unit Cover Sheet

Fall 2019 Levee Inspection Results

Reclamation District No. 0785 Driver

Waterway	Bank	Unit Miles
Unit No. 02 Yolo Bypass	Left	3.31

	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			M	
Date of Inspection	3/5/2019 - 3/5/2019		11/7/2019 - 11/7/2019	
DWR Inspector	Zach Jojola		Zach Jojola	
Accompanied By	Alberto De Leon DWR			

Summer & Winter Inspections

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

<http://cdec.water.ca.gov/lma.html>

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2019

Reclamation District No. 0785 Driver

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Left	3.31	11/07/2019 11/07/2019	Zach Jojola

LM Start	0.01	Rating **	M	Issue No.	281
LM End	0.01	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DRAFT DWR UCIP Field Study			38.641086°	38.641086°
				-121.620350°	-121.620350°
DWR ID	22985				
Comment Code					
Inspector Comment					
DS_ID:22985 FS_ID:24750 EP_NO: 16982 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Only a damaged indicator post found on landside across the road. Damaged indicator needs to be fixed. FIELD_STRUCT_DESC: Three 2-inch-diameter and three 1.5-inch diameter HDPE conduits containing fiber optic cables across and under the east levee (County Road 124), 67 feet below the crown. HDPE pipes were pulled through an 8-inch bore hole and backfilled with bentonite. (App. No. 16982 - Pacific Fiber Link) FS Date: 12/2/2013					

Photo 1 of 2 : UCIP_FA_2019_24750_44372.jpg



LS view: damaged indicator post across the levee road.

LM Start	0.01	Rating **	M	Issue No.	281 (cont)
LM End	0.01	Issue Type +	En	Location *	

Photo 2 of 2 : UCIP_FA_2019_24750_44371.jpg



LS view: closer view of damaged indicator post.

* 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**

Levee Inspection Report By Mile - Fall 2019

Reclamation District No. 0785 Driver

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Left	3.31	11/07/2019 11/07/2019	Zach Jojola

LM Start	0.11	Rating **	M	Issue No.	282
LM End	0.11	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DRAFT DWR UCIP Field Study			38.639874°	38.639874°
				-121.619612°	-121.619612°
DWR ID	22983				
Comment Code					
Inspector Comment					
DS_ID:22983 FS_ID:41985 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Not Found UCIP Comments: Dense vegetation on waterside. FIELD_STRUCT_DESC: *ABANDONED* 10-inch steel pipe of an unknown purpose through the levee, 5.8 feet below the crown. Pipe open and in poor condition. Pipe should be removed or grouted. Pipe visible on the landside (LS) slope. (Martha Ensher). [Additional Reference(s): DWR Levee Log, 1988. USACE Sacramento O&M Manual 122.1, August 1955, (Station 169+25), invert elevation 32.1 feet]. FS Date: 12/2/2013					

No Photos

LM Start	0.14	Rating **	M	Issue No.	283
LM End	0.14	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DRAFT DWR UCIP Field Study			38.639385°	38.639385°
				-121.619316°	-121.619316°
DWR ID	22988				
Comment Code					
Inspector Comment					
DS_ID:22988 FS_ID:43383 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Not Found UCIP Comments: Dense vegetation on waterside FIELD_STRUCT_DESC: *DELETE* DUPLICATE FS Date: 2/13/2015					

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**

Levee Inspection Report By Mile - Fall 2019

Reclamation District No. 0785 Driver

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Left	3.31	11/07/2019 11/07/2019	Zach Jojola

LM Start	0.22	Rating **	M	Issue No.	6
LM End	0.61	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.638351 °	38.633204 °	
			-121.618658 °	-121.615590 °	
DWR ID	DWR_RD0785_02_f_2019_6				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

LM Start	0.29	Rating **	M	Issue No.	12
LM End	0.32	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.637468 °	38.637067 °	
			-121.618210 °	-121.617960 °	
DWR ID	DWR_RD0785_02_f_2019_12				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

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_2019_RD0785_186_280_20190829_00006.jpg



View of the slope stability on the landward side of the levee looking upstream. Spring 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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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2019

Reclamation District No. 0785 Driver

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Left	3.31	11/07/2019 11/07/2019	Zach Jojola

LM Start	0.62	Rating **	M	Issue No.	9
LM End	0.62	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.633110°	38.633110°
				-121.615594°	-121.615594°
DWR ID	DWR_RD0785_02_s_2018_9				
Comment Code					
DE : Debris					
Inspector Comment					
Washer and dryer on the waterside slope.					

No Photos

LM Start	0.64	Rating **	M	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					
Vehicle ruts on the crown.					

No Photos

LM Start	1.14	Rating **	C	Issue No.	7
LM End	1.14	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.626440°	38.626440°
				-121.611164°	-121.611164°
DWR ID	DWR_RD0785_02_f_2017_7				
Comment Code					
S1 : Repair slope instability.					
Inspector Comment					
Minor sloughing on waterside hinge point. 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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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2019

Reclamation District No. 0785 Driver

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Left	3.31	11/07/2019 11/07/2019	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_2019_RD0785_186_24_20190829_00005.jpg



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

LM Start	1.76	Rating **	C	Issue No.	8
LM End	1.76	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.618651 °	38.618651 °
				-121.605307 °	-121.605307 °
DWR ID	DWR_RD0785_02_s_2019_8				
Comment Code					
E1 : Note and monitor erosion site.					
Inspector Comment					
Beginning of small rill on the waterside slope. Recommend monitoring.					

No Photos

LM Start	1.85	Rating **	M	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					
Appears to be a 100' longitudinal crack that shows some settlement on the landside shoulder. Recommend having the area inspected by a geotech.					

Photo 1 of 1 : FA_2019_RD0785_186_10_20191112_00009.jpg



View of cracking and settlement on the crown and landside shoulder. Fall 2019.

* 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**

Levee Inspection Report By Mile - Fall 2019

Reclamation District No. 0785 Driver

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Left	3.31	11/07/2019 11/07/2019	Zach Jojola

LM Start	2.82	Rating **	M	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.					

Photo 1 of 1 : FA_2019_RD0785_186_11_20191112_00010.jpg



View of cracking and settlement on the crown and landside shoulder. Fall 2019.

LM Start	2.99	Rating **	M	Issue No.	19
LM End	2.99	Issue Type +	En	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.603503°	38.603503°	
			-121.593471°	-121.593471°	
DWR ID	DWR_RD0785_02_f_2016_19				
Comment Code					
PI : Pipe					
Inspector Comment					
Capped pipe on WS slope going down to the water. This is a pending CVFPB enforcement item.					

Photo 1 of 1 : FA_2019_RD0785_186_19_20190829_00004.jpg



View of a capped galvanized pipe on WS slope. Fall 2016.

LM Start	3.25	Rating **	C	Issue No.	5
LM End	3.25	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Cracking		38.600241°	38.600241°	
			-121.590948°	-121.590948°	
DWR ID	DWR_RD0785_02_f_2018_5				
Comment Code					
CR1 : Monitor and have inspected by geotechnical engineer.					
Inspector Comment					
Cracking on the waterside shoulder. Approximately 50' long. 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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