

**Flood Control Project Maintenance
Levee Inspections**
LMA District Cover Sheet
Spring 2015 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)				

** 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

Spring 2015 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)				
Date of Inspection	04/14/2015 - 04/14/2015			
DWR Inspector	Jai Lor			
Accompanied By				

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 - Spring 2015

Reclamation District No. 0785 Driver

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	2.26	04/14/2015 04/14/2015	Jai Lor

LM Start		Rating **	M	Issue No.	3
LM End		Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start		End
Item	Emergency Supplies & Equipment			o	o
DWR ID	DWR_RD0785_01_s_2013_3				
Action/Comments					
Inspector Comments: Unable to contact LMA for Fall 2014 inspection.					

No Photos

LM Start		Rating **	M	Issue No.	7
LM End		Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start		End
Item	Flood Preparedness & Training			o	o
DWR ID	DWR_RD0785_01_s_2013_7				
Action/Comments					
Inspector Comments: Unable to contact LMA for Fall 2014 inspection.					

No Photos

LM Start		Rating **	M	Issue No.	10
LM End		Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start		End
Item	Operations & Maintenance Manuals			o	o
DWR ID	DWR_RD0785_01_s_2012_10				
Action/Comments					
Inspector Comments: Unable to contact LMA for Fall 2014 inspection.					

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 - Spring 2015

Reclamation District No. 0785 Driver

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	2.26	04/14/2015 04/14/2015	Jai Lor

LM Start	0.00	Rating **	U	Issue No.	11
LM End	0.00	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.660986 °	38.660986 °
				-121.613532 °	-121.613532 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:43903 DS_ID:22974 EP_NO: N/A Repair Type: Urgent Crossing Status: Found UCIP Comments: 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. FIELD_STRUCT_DESC: 30-inch steel pipe through levee 10.0 feet below crown. Landward end open inside concrete pumphouse on LS shoulder, unable to find pipe on water side. Originally included in O&M Manual SAC 122-Part 1, RM: 69.50 Aug. 1955. FS Date: 03/19/2015					

No Photos

LM Start	0.00	Rating **	A/W	Issue No.	14
LM End	2.31	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			°	°
				°	°
DWR ID	DWR_RD0785_01_f_2014_14				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements.					

Photo 1 of 1 : SP_2015_RD0785_185_14_20150401_00011.jpg



Levee mile 0.00, vegetation on the land side slope. Fall 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 - Spring 2015

Reclamation District No. 0785 Driver

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	2.26	04/14/2015 04/14/2015	Jai Lor

LM Start	0.12	Rating **	N	Issue No.	4
LM End	1.34	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Trim / Thin Trees		38.660160 °	38.646214 °	
			-121.611619 °	-121.598596 °	
DWR ID	DWR_RD0785_01_s_2012_4				
Action/Comments					
Tree stumps.					

Photo 1 of 1 : SP_2015_RD0785_185_4_20150401_00003.jpg



The trees were cut by PG&E'S tree contractor. The district will take care of the stumps in the future.

LM Start	0.21	Rating **	M	Issue No.	16
LM End	1.35	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.659340 °	38.646093 °	
			-121.610405 °	-121.598518 °	
DWR ID	DWR_RD0785_01_f_2013_16				
Action/Comments					
Remove the wild growth other than native grasses from the levee slopes.					

Photo 1 of 2 : SP_2015_RD0785_185_16_20150401_00012.jpg



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

LM Start	0.21	Rating **	M	Issue No.	16 (cont)
LM End	1.35	Issue Type +	Ma	Location *	WS

Photo 2 of 2 : SP_2015_RD0785_185_16_20150401_00013.jpg



Brush and other vegetation partially blocks visibility. Spring 2014

* 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**

Levee Inspection Report By Mile - Spring 2015

Reclamation District No. 0785 Driver

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	2.26	04/14/2015 04/14/2015	Jai Lor

LM Start	0.23	Rating **	M	Issue No.	346
LM End	0.23	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.659103 °	38.659103 °
				-121.610172 °	-121.610172 °
DWR ID	DWR_RD0785_01_s_2015_346				
Action/Comments					
Garbage					

Photo 1 of 1 : SP_2015_RD0785_185_346_20150417_00021.jpg



View of the debris on the landward side of the levee looking downward. Spring 2015.

LM Start	0.24	Rating **	M	Issue No.	347
LM End	0.24	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.658927 °	38.658927 °
				-121.610057 °	-121.610057 °
DWR ID	DWR_RD0785_01_s_2015_347				
Action/Comments					
Tree or limb					

Photo 1 of 1 : SP_2015_RD0785_185_347_20150417_00022.jpg



View of the tree on the waterward side of the levee taken from the landward side of the levee. Spring 2015.

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				
Action/Comments					
Elderberries are blocking visibility and flood fight capability.					

Photo 1 of 1 : SP_2015_RD0785_185_1_20150401_00001.jpg



Elderberry

* 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**

Levee Inspection Report By Mile - Spring 2015

Reclamation District No. 0785 Driver

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	2.26	04/14/2015 04/14/2015	Jai Lor

LM Start	0.30	Rating **	M	Issue No.	348
LM End	0.30	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.658275 °	38.658275 °	
			-121.609397 °	-121.609397 °	
DWR ID	DWR_RD0785_01_s_2015_348				
Action/Comments					
Tree or limb					

Photo 1 of 1 : SP_2015_RD0785_185_348_20150417_00023.jpg



View of the tree limb on the landward side of the levee. Spring 2015.

LM Start	0.34	Rating **	M	Issue No.	349
LM End	0.34	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Slope Stability		38.657798 °	38.657798 °	
			-121.608898 °	-121.608898 °	
DWR ID	DWR_RD0785_01_s_2015_349				
Action/Comments					
Repair slope instability.					

Photo 1 of 1 : SP_2015_RD0785_185_349_20150417_00024.jpg



View of the slope stability on the landward side of the levee looking downstream. Spring 2015.

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				
Action/Comments					
Elderberries are blocking visibility and flood fight capability.					

Photo 1 of 1 : SP_2015_RD0785_185_2_20150401_00002.jpg



Elderberry

* 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**

Levee Inspection Report By Mile - Spring 2015

Reclamation District No. 0785 Driver

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	2.26	04/14/2015 04/14/2015	Jai Lor

LM Start	0.61	Rating **	M	Issue No.	351
LM End	0.61	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.654887 °	38.654887 °
				-121.605845 °	-121.605845 °
DWR ID	DWR_RD0785_01_s_2015_351				
Action/Comments					
Equipment					

Photo 1 of 1 : SP_2015_RD0785_185_351_20150417_00026.jpg



View of a old dock on the waterward side of the levee looking upstream. Spring 2015.

LM Start	0.65	Rating **	M	Issue No.	15
LM End	0.65	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.654407 °	38.654407 °
				-121.605937 °	-121.605937 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:43965 DS_ID:22976 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Pipe appears abandoned and should be done so properly. FIELD_STRUCT_DESC: 1 of 2: 3/4-inch steel conduit through the levee 1-foot below the crown. FS Date: 03/19/2015					

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 - Spring 2015

Reclamation District No. 0785 Driver

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	2.26	04/14/2015 04/14/2015	Jai Lor

LM Start	0.65	Rating **	M	Issue No.	17
LM End	0.65	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.654641 °	38.654641 °
				-121.605538 °	-121.605538 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:43963 DS_ID:22982 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: 12-inch steel irrigation pipe through the levee, 11.0-feet below the crown, slant pump on the waterside slope. Pipe crosses under highway fill and discharge into irrigation ditch. FS Date: 11/21/2013					

No Photos

LM Start	0.68	Rating **	M	Issue No.	46
LM End	0.68	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.653955 °	38.653955 °
				-121.605712 °	-121.605712 °
DWR ID	DWR_RD0785_01_s_2012_46				
Action/Comments					
Prunings					

Photo 1 of 1 : SP_2015_RD0785_185_46_20150401_00014.jpg



Pruning pile on the landside shoulder. Fall 2013

* 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 - Spring 2015

Reclamation District No. 0785 Driver

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	2.26	04/14/2015 04/14/2015	Jai Lor

LM Start	0.72	Rating **	A/W	Issue No.	350
LM End	0.72	Issue Type +	En	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.653577 °	38.653577 °
				-121.605057 °	-121.605057 °
DWR ID	DWR_RD0785_01_s_2015_350				
Action/Comments					
Building					

Photo 1 of 1 : SP_2015_RD0785_185_350_20150417_00025.jpg



View of the beehives on the crown of the levee looking upstream. Spring 2015.

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				
Action/Comments					
Tree stumps.					

Photo 1 of 1 : SP_2015_RD0785_185_181_20150401_00019.jpg



Tree stumps along the landside shoulder of the levee. Spring 2014

LM Start	0.84	Rating **	M	Issue No.	352
LM End	0.84	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.651920 °	38.651920 °
				-121.604182 °	-121.604182 °
DWR ID	DWR_RD0785_01_s_2015_352				
Action/Comments					
Trim trees to at least five feet above ground level.					

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**

Levee Inspection Report By Mile - Spring 2015

Reclamation District No. 0785 Driver

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	2.26	04/14/2015 04/14/2015	Jai Lor

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				
Action/Comments					
Elderberries are blocking visibility and flood fight capability.					

No Photos

LM Start	0.89	Rating **	M	Issue No.	353
LM End	0.89	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.651358 °	38.651358 °	
			-121.603693 °	-121.603693 °	
DWR ID	DWR_RD0785_01_s_2015_353				
Action/Comments					
Prunings					

No Photos

LM Start	0.92	Rating **	M	Issue No.	47
LM End	0.92	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Trim / Thin Trees		38.650992 °	38.650992 °	
			-121.603392 °	-121.603392 °	
DWR ID	DWR_RD0785_01_s_2012_47				
Action/Comments					
Trim and thin trees to allow visibility of the ground and room to flood fight.					

Photo 1 of 1 : SP_2015_RD0785_185_47_20150401_00015.jpg



The fallen tree and brush on the waterside of the roadway needs to be removed. Photo taken spring 2012.

* 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**

Levee Inspection Report By Mile - Spring 2015

Reclamation District No. 0785 Driver

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	2.26	04/14/2015 04/14/2015	Jai Lor

LM Start	1.06	Rating **	M	Issue No.	12
LM End	1.06	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.649355 °	38.649355 °	
			-121.601760 °	-121.601760 °	
DWR ID	DWR_RD0785_01_s_2013_12				
Action/Comments					
Debris					

Photo 1 of 1 : SP_2015_RD0785_185_12_20150401_00008.jpg



Railroad ties and rails lay along the toe of the levee. Spring 2013

LM Start	1.07	Rating **	M	Issue No.	48
LM End	1.07	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Erosion / Bank Caving		38.649292 °	38.649292 °	
			-121.601647 °	-121.601647 °	
DWR ID	DWR_RD0785_01_s_2012_48				
Action/Comments					
Schedule repair of erosion site prior to the next inspection.					

Photo 1 of 3 : SP_2015_RD0785_185_48_20150401_00016.jpg



The drain pipe across from the firehouse has caused erosion, photo taken spring 2012.

LM Start	1.07	Rating **	M	Issue No.	48 (cont)
LM End	1.07	Issue Type +	Ma	Location *	LS

Photo 2 of 3 : SP_2015_RD0785_185_48_20150401_00017.jpg



Erosion on the levee slope and toe. Fall 2012

* 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 - Spring 2015

Reclamation District No. 0785 Driver

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	2.26	04/14/2015 04/14/2015	Jai Lor

LM Start	1.07	Rating **	M	Issue No.	48 (cont)
LM End	1.07	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.649292 °	38.649292 °
				-121.601647 °	-121.601647 °
DWR ID	DWR_RD0785_01_s_2012_48				
Action/Comments					
Schedule repair of erosion site prior to the next inspection.					

Photo 3 of 3 : SP_2015_RD0785_185_48_20150401_00018.jpg



Drain pipe is causing erosion on the landside of the levee between the slope and railroad tracks. Spring 2014

LM Start	1.20	Rating **	M	Issue No.	354
LM End	1.20	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.647847 °	38.647847 °
				-121.600152 °	-121.600152 °
DWR ID	DWR_RD0785_01_s_2015_354				
Action/Comments					
Trim trees to at least five feet above ground level.					

No Photos

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				
Action/Comments					
Elderberries are blocking visibility and flood fight capability.					

Photo 1 of 1 : SP_2015_RD0785_185_6_20150401_00004.jpg



This is a very large Elderberry bush.

* 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**

Levee Inspection Report By Mile - Spring 2015

Reclamation District No. 0785 Driver

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	2.26	04/14/2015 04/14/2015	Jai Lor

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		38.646671 °	38.646671 °	
			-121.598915 °	-121.598915 °	
DWR ID	DWR_RD0785_01_s_2013_13				
Action/Comments					
Schedule repair of erosion site prior to the next inspection.					

Photo 1 of 2 : SP_2015_RD0785_185_13_20150401_00009.jpg



The erosion has become a trail for fishermen and contributes to it. Spring 2013

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

Photo 2 of 2 : SP_2015_RD0785_185_13_20150401_00010.jpg



The waterside levee slope has erosion from surface run off. Spring 2013

LM Start	1.33	Rating **	M	Issue No.	18
LM End	1.33	Issue Type +	En	Location *	WS
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		38.646547 °	38.646547 °	
			-121.598924 °	-121.598924 °	
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:41984 DS_ID:22978 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Dense vegetation on waterside. No pipe found/visible					

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**

Levee Inspection Report By Mile - Spring 2015

Reclamation District No. 0785 Driver

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	2.26	04/14/2015 04/14/2015	Jai Lor

LM Start	1.62	Rating **	A/W	Issue No.	355
LM End	1.62	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.643297 °	38.643297 °
				-121.595152 °	-121.595152 °
DWR ID	DWR_RD0785_01_s_2015_355				
Action/Comments					
Trim trees to at least five feet above ground level.					

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				
Action/Comments					
Tree stumps.					

No Photos

LM Start	2.00	Rating **	M	Issue No.	8
LM End	2.09	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.641623 °	38.642005 °
				-121.588558 °	-121.586993 °
DWR ID	DWR_RD0785_01_s_2012_8				
Action/Comments					
Landscaping Inspector Comments: Trees have been raised for visibility. Pine trees and oleander planted on shoulder.					

Photo 1 of 2 : SP_2015_RD0785_185_8_20150401_00005.jpg



The pine trees along the shoulder have been topped and thin out. Oleanders still on the shoulder. Fall 2013

* 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**

Levee Inspection Report By Mile - Spring 2015

Reclamation District No. 0785 Driver

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	2.26	04/14/2015 04/14/2015	Jai Lor

LM Start	2.00	Rating **	M	Issue No.	8 (cont)	
LM End	2.09	Issue Type +	En	Location *	LS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start	End	
Item	Vegetation			38.641623 °	38.642005 °	
				-121.588558 °	-121.586993 °	
DWR ID	DWR_RD0785_01_s_2012_8					
Action/Comments						
Landscaping Inspector Comments: Trees have been raised for visibility. Pine trees and oleander planted on shoulder.						

Photo 2 of 2 : SP_2015_RD0785_185_8_20150401_00006.jpg



Pines and oleanders along 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**

Unit Cover Sheet

Spring 2015 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)				
Date of Inspection	04/14/2015 - 04/14/2015			
DWR Inspector	Jai Lor			
Accompanied By				

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 - Spring 2015

Reclamation District No. 0785 Driver

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Left	3.31	04/14/2015 04/14/2015	Jai Lor

LM Start	0.00	Rating **	M	Issue No.	1
LM End	0.00	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.641086 °	38.641086 °
				-121.620350 °	-121.620350 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:24750 DS_ID:22985 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: 12/02/2013					

No Photos

LM Start	0.00	Rating **	A/W	Issue No.	2
LM End	3.30	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			°	°
				°	°
DWR ID	DWR_RD0785_02_f_2014_2				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements.					

Photo 1 of 1 : SP_2015_RD0785_186_2_20150417_00018.jpg



View of the vegetation on the landward side of the levee looking upstream. Spring 2015.

* 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 - Spring 2015

Reclamation District No. 0785 Driver

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Left	3.31	04/14/2015 04/14/2015	Jai Lor

LM Start	0.00	Rating **	A/W	Issue No.	3
LM End	3.30	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		°	°	°
DWR ID	DWR_RD0785_02_f_2014_3				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements.					

No Photos

LM Start	0.09	Rating **	M	Issue No.	4
LM End	0.09	Issue Type +	En	Location *	WS
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		38.639874 °	38.639874 °	°
			-121.619612 °	-121.619612 °	°
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:41985 DS_ID:22983 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Not Found UCIP Comments: Dense vegetation on waterside. FIELD_STRUCT_DESC: 10-inch abandoned pipe through the levee, 5.8 feet below the crown, open and in poor condition should be removed or grouted. (Martha Ensher) Visible on landward slope. Originally included in O+M manual at STA 169+25, 1955. FS Date: 12/02/2013					

No Photos

LM Start	0.12	Rating **	M	Issue No.	25
LM End	0.12	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Animal Control		38.639670 °	38.639670 °	°
			-121.619460 °	-121.619460 °	°
DWR ID	DWR_RD0785_02_s_2012_25				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows. Inspector Comments: Unable to see slope.					

Photo 1 of 1 : SP_2015_RD0785_186_25_20150401_00003.jpg



Rodent holes on the landside levee slope, photo taken spring 2012.

* 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**

Levee Inspection Report By Mile - Spring 2015

Reclamation District No. 0785 Driver

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Left	3.31	04/14/2015 04/14/2015	Jai Lor

LM Start	0.13	Rating **	M	Issue No.	5
LM End	0.13	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.639385 °	38.639385 °
				-121.619316 °	-121.619316 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:43383 DS_ID:22988 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: 02/13/2015					

No Photos

LM Start	0.26	Rating **	M	Issue No.	26
LM End	0.26	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.637913 °	38.637913 °
				-121.618388 °	-121.618388 °
DWR ID	DWR_RD0785_02_s_2012_26				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows. Inspector Comments: Unable to see slope.					

No Photos

LM Start	0.38	Rating **	M	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				
Action/Comments					
Repair slope instability.					

Photo 1 of 1 : SP_2015_RD0785_186_280_20150417_00019.jpg



View of the slope stability on the landward side of the levee looking upstream. Spring 2015.

* 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 - Spring 2015

Reclamation District No. 0785 Driver

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Left	3.31	04/14/2015 04/14/2015	Jai Lor

LM Start	0.40	Rating **	A/W	Issue No.	27
LM End	0.40	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.636065 °	38.636065 °
				-121.617295 °	-121.617295 °
DWR ID	DWR_RD0785_02_s_2012_27				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows. Inspector Comments: Unable to see slope. Vegetation too tall to see.					

Photo 1 of 1 : SP_2015_RD0785_186_27_20150401_00004.jpg



Rodent holes on the landside levee slope, photo taken spring 2012.

LM Start	0.48	Rating **	A/W	Issue No.	28
LM End	0.48	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.634978 °	38.634978 °
				-121.616612 °	-121.616612 °
DWR ID	DWR_RD0785_02_s_2012_28				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows. Inspector Comments: Unable to see slope. Vegetation too tall to see.					

Photo 1 of 2 : SP_2015_RD0785_186_28_20150401_00005.jpg



Many rodent holes with in 25' of each other, photo taken spring 2012.

LM Start	0.48	Rating **	A/W	Issue No.	28 (cont)
LM End	0.48	Issue Type +	Ma	Location *	LS

Photo 2 of 2 : SP_2015_RD0785_186_28_20150401_00006.jpg



Rodent holes on the landside levee slope, photo taken spring 2012.

* 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 - Spring 2015

Reclamation District No. 0785 Driver

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Left	3.31	04/14/2015 04/14/2015	Jai Lor

LM Start	0.54	Rating **	M	Issue No.	29
LM End	0.54	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Slope Stability		38.634180 °	38.634180 °	
			-121.616142 °	-121.616142 °	
DWR ID	DWR_RD0785_02_s_2012_29				
Action/Comments					
Repair slope instability.					

Photo 1 of 2 : SP_2015_RD0785_186_29_20150401_00007.jpg



Slope instability at shoulder of landside levee buldge at toe.

LM Start	0.54	Rating **	M	Issue No.	29 (cont)
LM End	0.54	Issue Type +	Ma	Location *	LS

Photo 2 of 2 : SP_2015_RD0785_186_29_20150401_00008.jpg



Buldge at the landside toe of the levee, photos taken spring 2012.

LM Start	0.88	Rating **	M	Issue No.	143
LM End	0.88	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Slope Stability		38.629693 °	38.629693 °	
			-121.613436 °	-121.613436 °	
DWR ID	DWR_RD0785_02_s_2014_143				
Action/Comments					
Repair slope instability.					

Photo 1 of 1 : SP_2015_RD0785_186_143_20150401_00015.jpg



Cracking along the shoulder causing slope instability. Spring 2014

* 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**

Levee Inspection Report By Mile - Spring 2015

Reclamation District No. 0785 Driver

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Left	3.31	04/14/2015 04/14/2015	Jai Lor

LM Start	0.89	Rating **	M	Issue No.	42
LM End	0.92	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Animal Control		38.629589 °	38.629259 °	
			-121.613372 °	-121.613156 °	
DWR ID	DWR_RD0785_02_s_2014_42				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					

Photo 1 of 1 : SP_2015_RD0785_186_42_20150401_00013.jpg



Large rodent hole close to the toe of the levee. Spring 2014

LM Start	1.12	Rating **	M	Issue No.	144
LM End	1.12	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Slope Stability		38.626676 °	38.626676 °	
			-121.611325 °	-121.611325 °	
DWR ID	DWR_RD0785_02_s_2014_144				
Action/Comments					
Repair slope instability.					

Photo 1 of 1 : SP_2015_RD0785_186_144_20150401_00016.jpg



Slope instability along the waterside shoulder. Spring 2014

LM Start	2.21	Rating **	M	Issue No.	30
LM End	2.21	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Slope Stability		38.613104 °	38.613104 °	
			-121.600915 °	-121.600915 °	
DWR ID	DWR_RD0785_02_s_2012_30				
Action/Comments					
Repair slope instability.					

Photo 1 of 4 : SP_2015_RD0785_186_30_20150401_00009.jpg



There is slope instability with three step like spots. The cuts are 1' to 1.5' deep. Photo taken spring 2012.

* 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 - Spring 2015

Reclamation District No. 0785 Driver

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Left	3.31	04/14/2015 04/14/2015	Jai Lor

LM Start	2.21	Rating **	M	Issue No.	30 (cont)
LM End	2.21	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.613104 °	38.613104 °
				-121.600915 °	-121.600915 °
DWR ID	DWR_RD0785_02_s_2012_30				
Action/Comments					
Repair slope instability.					

Photo 2 of 4 : SP_2015_RD0785_186_30_20150401_00010.jpg



Slope instability. Photo fall 2012.

LM Start	2.21	Rating **	M	Issue No.	30 (cont)
LM End	2.21	Issue Type +	Ma	Location *	LS

Photo 3 of 4 : SP_2015_RD0785_186_30_20150401_00011.jpg



Slope instability is still there. Spring 2013

LM Start	2.21	Rating **	M	Issue No.	30 (cont)
LM End	2.21	Issue Type +	Ma	Location *	LS

Photo 4 of 4 : SP_2015_RD0785_186_30_20150401_00012.jpg



Current view of the slope instability. 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 - Spring 2015

Reclamation District No. 0785 Driver

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Left	3.31	04/14/2015 04/14/2015	Jai Lor

LM Start	3.01	Rating **	M	Issue No.	56
LM End	3.01	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.603222 °	38.603222 °
				-121.593231 °	-121.593231 °
DWR ID	DWR_RD0785_02_s_2014_56				
Action/Comments					
Tree or limb					

Photo 1 of 1 : SP_2015_RD0785_186_56_20150401_00014.jpg



Discarded branches lay at the toe of the levee. The trees is about to fall over and may cause damage to the levee. 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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