

**Flood Control Project Maintenance
Levee Inspections**

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

Reclamation District No. 0341 Sherman Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Threemile Slough	Right	3.36	10/24/2019 10/24/2019	David Julian

LM Start		Rating **	A	Issue No.	13
LM End		Issue Type +	Ma	Location *	N/A
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Operations & Maintenance Manuals			o	o
				o	o
DWR ID	DWR_RD0341_01_f_2014_13				
Comment Code					
Inspector Comment					
District has the O+M Manual on hand.					

No Photos

LM Start		Rating **	A	Issue No.	14
LM End		Issue Type +	Ma	Location *	N/A
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Emergency Supplies & Equipment			o	o
				o	o
DWR ID	DWR_RD0341_01_f_2014_14				
Comment Code					
Inspector Comment					
District has emergency supplies stored at their main shop and additional supplies located on the eastern side of the Island. LMA added additional supplies over 2018-2019 flood season.					

No Photos

LM Start		Rating **	M	Issue No.	15
LM End		Issue Type +	Ma	Location *	N/A
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Flood Preparedness & Training			o	o
				o	o
DWR ID	DWR_RD0341_01_f_2014_15				
Comment Code					
Inspector Comment					
District did flood fight training on Twitchell Island three years ago. New employees have not gone through flood fight training yet.					

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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Unit No. 01 Threemile Slough	Right	3.36	10/24/2019 10/24/2019	David Julian

LM Start	0.00	Rating **	M	Issue No.	36
LM End	0.00	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DRAFT DWR UCIP LMA Responsibility		38.085507°	38.085507°	
			-121.686528°	-121.686528°	
DWR ID	24215				
Comment Code					
Inspector Comment					
DS_ID:24215 FS_ID:52252 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 05/05/2009 Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the slopes. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances. (DWR UCIP - O. Magana) FIELD_STRUCT_DESC: 30-inch steel drainage pipe through the levee, 11.1 feet below the crown. Corrugated metal cutoff wall around pipe at the center of the levee. Siphon breaker is located on both waterside (WS) and landside (LS). Pump is located on the LS approximately 300 feet from LS toe. Pipe is exposed on both levee slopes. Rock revetment present along WS slope. Marine Station number 1 located on WS with an attached small solar panel on top. [Additional Reference(s): DWR Levee Log, 1992. USACE Sacramento O&M Manual Unit No. 101, February 1962, (HLM 0.0). LMA encroachment station (STA) reference based on Map of Evacuation Route, Reclamation District 341 Sherman Island by Wagner Bonsignore Consulting Civil Engineers, A Corporation dated July 2012, STA 175+00]. FS Date: 5/5/2009					

Photo 1 of 3 : UCIP_FA_2019_52252_37640.jpg



Marine station posts in river identified as Station 1 near crossing.

LM Start	0.00	Rating **	M	Issue No.	36 (cont)
LM End	0.00	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_FA_2019_52252_37644.jpg



View of pipe and siphon breaker located on WS--dense vegetation on 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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LM Start	0.00	Rating **	M	Issue No.	36 (cont)
LM End	0.00	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DRAFT DWR UCIP LMA Responsibility			38.085507°	38.085507°
				-121.686528°	-121.686528°
DWR ID	24215				
Comment Code					
Inspector Comment					
<p>DS_ID:24215 FS_ID:52252 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 05/05/2009 Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the slopes. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances. (DWR UCIP - O. Magana) FIELD_STRUCT_DESC: 30-inch steel drainage pipe through the levee, 11.1 feet below the crown. Corrugated metal cutoff wall around pipe at the center of the levee. Siphon breaker is located on both waterside (WS) and landside (LS). Pump is located on the LS approximately 300 feet from LS toe. Pipe is exposed on both levee slopes. Rock revetment present along WS slope. Marine Station number 1 located on WS with an attached small solar panel on top. [Additional Reference(s): DWR Levee Log, 1992. USACE Sacramento O&M Manual Unit No. 101, February 1962, (HLM 0.0). LMA encroachment station (STA) reference based on Map of Evacuation Route, Reclamation District 341 Sherman Island by Wagner Bonsignore Consulting Civil Engineers, A Corporation dated July 2012, STA 175+00]. FS Date: 5/5/2009</p>					

Photo 3 of 3 : UCIP_FA_2019_52252_37642.jpg



Overview of LS slope above ground once it exits levee. Pump is located approximately 300 feet from levee toe.

LM Start	0.74	Rating **	M	Issue No.	32
LM End	0.74	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.096136°	38.096136°
				-121.686953°	-121.686953°
DWR ID	DWR_RD0341_01_s_2019_32				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					
Remove arundo from waterside slope.					

Photo 1 of 1 : FA_2019_RD0341_167_32_20190826_00008.jpg



View looking downslope at arundo on the waterside (Spring 2019).

<p>* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown</p>	<p>** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable</p>	<p>N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain</p>	<p>+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement</p>
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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Threemile Slough	Right	3.36	10/24/2019 10/24/2019	David Julian

LM Start	1.96	Rating **	M	Issue No.	33
LM End	1.96	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.113663 °	38.113663 °	
			-121.684131 °	-121.684131 °	
DWR ID	DWR_RD0341_01_s_2019_33				
Comment Code					
GA : Garbage					
Inspector Comment					
Remove garbage from landside slope.					

Photo 1 of 1 : FA_2019_RD0341_167_33_20190826_00009.jpg



View looking upstream at garbage pile on the landside slope (Spring 2019).

LM Start	2.19	Rating **	C	Issue No.	21
LM End	2.19	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.113144 °	38.113144 °	
			-121.687601 °	-121.687601 °	
DWR ID	DWR_RD0341_01_s_2018_21				
Comment Code					
TR : Tree or limb					
Inspector Comment					
Remove fallen tree on waterside slope.					

No Photos

LM Start	3.21	Rating **	M	Issue No.	22
LM End	3.21	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.104677 °	38.104677 °	
			-121.700030 °	-121.700030 °	
DWR ID	DWR_RD0341_01_f_2017_22				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					
Remove or thin wild vegetation at base of electrical transmission tower to allow visibility and access to slope and toe.					

Photo 1 of 1 : FA_2019_RD0341_167_22_20190826_00003.jpg



View of wild vegetation at base of electrical transmission tower.

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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Threemile Slough	Right	3.36	10/24/2019 10/24/2019	David Julian

LM Start	3.27	Rating **	M	Issue No.	35
LM End	3.27	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.105058°	38.105058°
				-121.701046°	-121.701046°
DWR ID	DWR_RD0341_01_s_2019_35				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					
Remove arundo from the waterside slope.					



LM Start	3.33	Rating **	M	Issue No.	28
LM End	3.33	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.105148°	38.105148°
				-121.701978°	-121.701978°
DWR ID	DWR_RD0341_01_f_2019_28				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					
Willows on the landside 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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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	6.28	10/24/2019 10/24/2019	David Julian

LM Start	3.48	Rating **	M	Issue No.	44
LM End	3.48	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.104454 °	38.104454 °	
			-121.704275 °	-121.704275 °	
DWR ID	DWR_RD0341_02_s_2018_44				
Comment Code					
TR : Tree or limb					
Inspector Comment					
Remove tree limbs from waterside shoulder.					

Photo 1 of 1 : FA_2019_RD0341_168_44_20190826_00013.jpg



Tree limbs on waterside shoulder should be removed.

LM Start	3.55	Rating **	C	Issue No.	39
LM End	3.55	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.103579 °	38.103579 °	
			-121.705034 °	-121.705034 °	
DWR ID	DWR_RD0341_02_s_2019_39				
Comment Code					
TR : Tree or limb					
Inspector Comment					
Remove tree limb from landside slope					

No Photos

LM Start	3.75	Rating **	M	Issue No.	45
LM End	3.82	Issue Type +	Ma	Location *	CR
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.100927 °	38.099944 °	
			-121.706277 °	-121.706307 °	
DWR ID	DWR_RD0341_02_f_2019_45				
Comment Code					
V9 : Keep the crown roadway free of vegetation.					
Inspector Comment					

No Photos

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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	6.28	10/24/2019 10/24/2019	David Julian

LM Start	3.88	Rating **	M	Issue No.	46
LM End	3.93	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.099054 °	38.098327 °	
			-121.706368 °	-121.706272 °	
DWR ID	DWR_RD0341_02_s_2018_46				
Comment Code					
TR : Tree or limb					
Inspector Comment					
Remove tree and limbs from waterside shoulder.					

Photo 1 of 1 : FA_2019_RD0341_168_46_20190826_00014.jpg



Tree trunk and limbs should be removed from waterside shoulder.

LM Start	3.97	Rating **	M	Issue No.	43
LM End	6.03	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.097782 °	38.080143 °	
			-121.706262 °	-121.728330 °	
DWR ID	DWR_RD0341_02_f_2017_43				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					

Photo 1 of 2 : FA_2019_RD0341_168_43_20190826_00011.jpg



View of vegetation on the land side slope where the levee is on Highway 160 (October 2018).

LM Start	3.97	Rating **	M	Issue No.	43 (cont)
LM End	6.03	Issue Type +	Ma	Location *	LS

Photo 2 of 2 : FA_2019_RD0341_168_43_20190826_00012.jpg



Remove the unwanted vegetation from the landside shoulder, slope and toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	6.28	10/24/2019 10/24/2019	David Julian

LM Start	4.00	Rating **	M	Issue No.	37
LM End	4.19	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2017 USACE Erosion Survey			38.097398 °	38.094590 °
				-121.706321 °	-121.706393 °
DWR ID	DWR_RD0341_02_f_2018_37				
Comment Code					
Inspector Comment					
2017 Site ID: SAC 8.2 L Status: Eroding 2017 Field Notes: Minor new erosion. Site History: 2011 - Large new erosion pocket probably hidden by vegetation in the past.					

Photo 1 of 1 : FA_2019_RD0341_168_37_20190826_00004.jpg



USACE 2013 Photo #1

LM Start	4.47	Rating **	U	Issue No.	35
LM End	4.70	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2017 USACE Erosion Survey			38.090620 °	38.087425 °
				-121.706684 °	-121.707639 °
DWR ID	DWR_RD0341_02_f_2018_35				
Comment Code					
Inspector Comment					
2017 Site ID: SAC 8.0 L Status: Critical 2017 Field Notes: Site extended downstream Site History: 1999 - New small slump in eroded bank. 2005 - Reach extended because of vertical bank along the roadway upstream. 2011 - More slumping since last year. 2012 - Site upgraded to critical. Very steep slope which may be effecting the highway on top of the levee. 2015 - New erosion towards the downstream end of site.					

Photo 1 of 1 : FA_2019_RD0341_168_35_20190826_00003.jpg



USACE 2013 Photo #1

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	6.28	10/24/2019 10/24/2019	David Julian

LM Start	4.76	Rating **	A/W	Issue No.	34
LM End	5.01	Issue Type +	Ma	Location *	WS
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	2017 USACE Erosion Survey		38.086603°	38.083954°	
			-121.707786°	-121.710589°	
DWR ID	DWR_RD0341_02_f_2018_34				
Comment Code					
Inspector Comment					
2017 Site ID: SAC 7.9 L Status: Critical 2017 Field Notes: Road base exposed in multiple locations. New tree popout observed. Site History: 2011 - Large slump section. 2012 - Site extended downstream, upgraded to critical, severe windwave. Slope is very steep and may be effecting the highway on top of the levee.					

Photo 1 of 1 : FA_2019_RD0341_168_34_20190826_00002.jpg



USACE 2013 Photo #1

LM Start	5.44	Rating **	M	Issue No.	33
LM End	5.55	Issue Type +	Ma	Location *	WS
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	2017 USACE Erosion Survey		38.081801°	38.081584°	
			-121.717915°	-121.719794°	
DWR ID	DWR_RD0341_02_f_2018_33				
Comment Code					
Inspector Comment					
2017 Site ID: SAC 7.5 L Status: Eroding New 2017 Field Notes: Erosion along levee slope, erosion appears to mainly be human caused, but it is threatening the integrity of the Hwy on top of the levee. Site History:					

No Photos

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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	6.28	10/24/2019 10/24/2019	David Julian

LM Start	5.55	Rating **	M	Issue No.	11
LM End	5.76	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Trim / Thin Trees		38.081270°	38.080807°	
			-121.719702°	-121.723488°	
DWR ID	DWR_RD0341_02_f_2014_11				
Comment Code					
T2 : Thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comment					
Trim up the trees on the waterside slope so the ground can be seen.					

No Photos

LM Start	6.03	Rating **	U	Issue No.	49
LM End	6.10	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.080143°	38.080125°	
			-121.728332°	-121.729662°	
DWR ID	DWR_RD0341_02_f_2016_49				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					
Remove the arundo from the landside slope					

Photo 1 of 1 : FA_2019_RD0341_168_49_20190826_00016.jpg



RD 341 Landside slope from levee mile 6.03-6.10 tall unwanted growth of Arundo present on the levee section.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	6.28	10/24/2019 10/24/2019	David Julian

LM Start	6.39	Rating **	M	Issue No.	71
LM End	6.39	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.081435°	38.081435°
				-121.734520°	-121.734520°
DWR ID	DWR_RD0341_02_f_2019_71				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					
Arundo					

No Photos

LM Start	6.40	Rating **	M	Issue No.	48
LM End	6.40	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.081557°	38.081557°
				-121.734688°	-121.734688°
DWR ID	DWR_RD0341_02_s_2019_48				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					
Arundo					

No Photos

LM Start	6.60	Rating **	M	Issue No.	60
LM End	6.60	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.083344°	38.083344°
				-121.737725°	-121.737725°
DWR ID	DWR_RD0341_02_s_2019_60				
Comment Code					
S2 : Repair the levee slope damaged by foot traffic and prevent access where possible.					
Inspector Comment					
Fishermans trail eroding the levee 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	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	6.28	10/24/2019 10/24/2019	David Julian

LM Start	7.20	Rating **	M	Issue No.	70
LM End	7.20	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.079590°	38.079590°
				-121.746847°	-121.746847°
DWR ID	DWR_RD0341_02_f_2019_70				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					
Arundo					

No Photos

LM Start	7.28	Rating **	M	Issue No.	69
LM End	7.28	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.078980°	38.078980°
				-121.748088°	-121.748088°
DWR ID	DWR_RD0341_02_f_2019_69				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					
Arundo					

No Photos

LM Start	7.49	Rating **	M	Issue No.	68
LM End	7.49	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.077292°	38.077292°
				-121.751212°	-121.751212°
DWR ID	DWR_RD0341_02_f_2019_68				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					
Arundo					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Levee Inspections**

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

Reclamation District No. 0341 Sherman Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	6.28	10/24/2019 10/24/2019	David Julian

LM Start	7.55	Rating **	M	Issue No.	67
LM End	7.55	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.076718°	38.076718°
				-121.752260°	-121.752260°
DWR ID	DWR_RD0341_02_f_2019_67				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					
Arundo					

No Photos

LM Start	7.69	Rating **	M	Issue No.	50
LM End	7.69	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.075756°	38.075756°
				-121.754520°	-121.754520°
DWR ID	DWR_RD0341_02_s_2019_50				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					
Arundo					

No Photos

LM Start	7.78	Rating **	M	Issue No.	52
LM End	7.78	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.075007°	38.075007°
				-121.755814°	-121.755814°
DWR ID	DWR_RD0341_02_s_2019_52				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					
Arundo					

No Photos

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

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

Reclamation District No. 0341 Sherman Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	6.28	10/24/2019 10/24/2019	David Julian

LM Start	8.05	Rating **	M	Issue No.	61
LM End	8.05	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.072992°	38.072992°	
			-121.760023°	-121.760023°	
DWR ID	DWR_RD0341_02_f_2019_61				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					
Arundo					

No Photos

LM Start	8.09	Rating **	M	Issue No.	62
LM End	8.09	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.072777°	38.072777°	
			-121.760588°	-121.760588°	
DWR ID	DWR_RD0341_02_f_2019_62				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					
Arundo					

No Photos

LM Start	8.12	Rating **	M	Issue No.	63
LM End	8.12	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.072592°	38.072592°	
			-121.761142°	-121.761142°	
DWR ID	DWR_RD0341_02_f_2019_63				
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**

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

Reclamation District No. 0341 Sherman Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	6.28	10/24/2019 10/24/2019	David Julian

LM Start	8.23	Rating **	M	Issue No.	54
LM End	8.23	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.072164 °	38.072164 °
				-121.763065 °	-121.763065 °
DWR ID	DWR_RD0341_02_s_2019_54				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					
Arundo					

No Photos

LM Start	8.26	Rating **	M	Issue No.	55
LM End	8.26	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.072107 °	38.072107 °
				-121.763691 °	-121.763691 °
DWR ID	DWR_RD0341_02_s_2019_55				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					
Arundo					

No Photos

LM Start	8.45	Rating **	M	Issue No.	64
LM End	8.45	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.070550 °	38.070550 °
				-121.766438 °	-121.766438 °
DWR ID	DWR_RD0341_02_f_2019_64				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					
Arundo					

No Photos

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

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

Reclamation District No. 0341 Sherman Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	6.28	10/24/2019 10/24/2019	David Julian

LM Start	8.51	Rating **	M	Issue No.	65
LM End	8.51	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.069820°	38.069820°	
			-121.767222°	-121.767222°	
DWR ID	DWR_RD0341_02_f_2019_65				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					
Arundo					

No Photos

LM Start	8.54	Rating **	M	Issue No.	66
LM End	8.54	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.069487°	38.069487°	
			-121.767558°	-121.767558°	
DWR ID	DWR_RD0341_02_f_2019_66				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					
Arundo					

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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