

**Flood Control Project Maintenance  
Levee Inspections**

**Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2016**

**Reclamation District No. 0341 Sherman Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Threemile Slough	Right	3.36	03/10/2016 03/10/2016	Herman Phillips

LM Start		Rating **	A	Issue No.	<b>13</b>
LM End		Issue Type +	Ma	Location *	N/A
Category	Earthen Levee		GPS Latitude/Longitude		
			Start		End
Item	Operations & Maintenance Manuals			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.	<b>14</b>
LM End		Issue Type +	Ma	Location *	N/A
Category	Earthen Levee		GPS Latitude/Longitude		
			Start		End
Item	Emergency Supplies & Equipment			o	o
DWR ID	DWR_RD0341_01_f_2014_14				
Comment Code					
Inspector Comment					
District has emergency supplies stored.					

No Photos

LM Start		Rating **	A	Issue No.	<b>15</b>
LM End		Issue Type +	Ma	Location *	N/A
Category	Earthen Levee		GPS Latitude/Longitude		
			Start		End
Item	Flood Preparedness & Training			o	o
DWR ID	DWR_RD0341_01_f_2014_15				
Comment Code					
Inspector Comment					
District is prepared for a flood fight.					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Unit No. 01 Threemile Slough	Right	3.36	03/10/2016 03/10/2016	Herman Phillips

LM Start	<b>0.00</b>	Rating **	A	Issue No.	<b>20</b>
LM End	<b>3.35</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.085535 °	38.105238 °	
			-121.686463 °	-121.702391 °	
DWR ID	DWR_RD0341_01_s_2016_20				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
No unwanted vegetation from 0.00 - 3.35.					

Photo 1 of 1 : SP\_2016\_RD0341\_167\_20\_20160316\_00045.jpg



Looking upstream from levee mile 0.00 landside unit 1 RD 341.

LM Start	<b>0.00</b>	Rating **	A	Issue No.	<b>21</b>
LM End	<b>3.35</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.085535 °	38.105238 °	
			-121.686463 °	-121.702391 °	
DWR ID	DWR_RD0341_01_s_2016_21				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
District has mowed the landside shoulder and slope.					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> 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	03/11/2016 03/11/2016	Herman Phillips

LM Start	<b>3.40</b>	Rating **	A	Issue No.	<b>38</b>
LM End	<b>3.97</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.105310 °	38.097763 °	
			-121.703313 °	-121.706290 °	
DWR ID	DWR_RD0341_02_s_2016_38				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
No unwanted vegetation along this section of levee.					

Photo 1 of 1 : SP\_2016\_RD0341\_168\_38\_20160316\_00079.jpg



Looking downstream of Sacramento River Levee mile 3.40 Unit 2 RD 341.

LM Start	<b>3.97</b>	Rating **	U	Issue No.	<b>45</b>
LM End	<b>6.19</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.097763 °	38.080573 °	
			-121.706288 °	-121.731113 °	
DWR ID	DWR_RD0341_02_f_2015_45				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					
The unwanted vegetation on the waterside needs spraying or mowing. The arundo present blocks view of the levee section.					

Photo 1 of 1 : SP\_2016\_RD0341\_168\_45\_20160316\_00080.jpg



Looking downstream from the waterside levee mile 3.97 to levee mile 6.19 unwanted vegetation on the slope and shoulder.

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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	6.28	03/11/2016 03/11/2016	Herman Phillips

LM Start	<b>3.97</b>	Rating **	U	Issue No.	<b>46</b>
LM End	<b>6.15</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.097763 °	38.080323 °	
			-121.706287 °	-121.730453 °	
DWR ID	DWR_RD0341_02_f_2015_46				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
Remove the wild vegetation from the landside slope and shoulder.					

Photo 1 of 1 : SP\_2016\_RD0341\_168\_46\_20160316\_00081.jpg



This picture was taken from downstream levee mile 6.15 looking upstream of the landside levee slope and shoulder towards levee mile 3.97.

LM Start	<b>4.15</b>	Rating **	M	Issue No.	<b>7</b>
LM End	<b>4.19</b>	Issue Type +	Ma	Location *	WS
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	2015 USACE Erosion Survey, DRAFT		38.095148 °	38.094590 °	
			-121.706367 °	-121.706393 °	
DWR ID	DWR_RD0341_02_s_2016_7				
Comment Code					
Inspector Comment					
2011 - Large new erosion pocket probably hidden by vegetation in the past. 2015: No observed changes. [2015 Site ID: SAC_8-2_L]					

Photo 1 of 1 : SP\_2016\_RD0341\_168\_7\_20160223\_00005.jpg



USACE 2013 Photo #1

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Unit No. 02 Sacramento River	Left	6.28	03/11/2016 03/11/2016	Herman Phillips

LM Start	<b>4.47</b>	Rating **	U	Issue No.	<b>3</b>
LM End	<b>4.62</b>	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2015 USACE Erosion Survey, DRAFT			38.090620 °	38.088572 °
				-121.706684 °	-121.707127 °
DWR ID	DWR_RD0341_02_s_2016_3				
Comment Code					
Inspector Comment					
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 downstream end of site. [2015 Site ID: SAC_8-0_L]					

Photo 1 of 1 : SP\_2016\_RD0341\_168\_3\_20160223\_00003.jpg



USACE 2013 Photo #1

LM Start	<b>4.76</b>	Rating **	U	Issue No.	<b>4</b>
LM End	<b>4.85</b>	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2015 USACE Erosion Survey, DRAFT			38.086603 °	38.085459 °
				-121.707786 °	-121.708607 °
DWR ID	DWR_RD0341_02_s_2016_4				
Comment Code					
Inspector Comment					
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. 2015: No observed changes. [2015 Site ID: SAC_7-9_L]					

Photo 1 of 1 : SP\_2016\_RD0341\_168\_4\_20160223\_00004.jpg



USACE 2013 Photo #1

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Unit No. 02 Sacramento River	Left	6.28	03/11/2016 03/11/2016	Herman Phillips

LM Start	<b>5.55</b>	Rating **	M	Issue No.	<b>11</b>
LM End	<b>5.76</b>	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					

No Photos

LM Start	<b>6.03</b>	Rating **	U	Issue No.	<b>1</b>
LM End	<b>6.16</b>	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2015 USACE Erosion Survey, DRAFT			38.080370 °	38.080526 °
				-121.728341 °	-121.730483 °
DWR ID	DWR_RD0341_02_s_2016_1				
Comment Code					
Inspector Comment					
2011 - Large slump at downstream end. Gully formed from surface runoff from the road. Shallow slumping throughout site. 2012 - The gully at upstream end has increased in size and site continues to worsen. 2015: No observed changes. [2015 Site ID: SAC_7-3_L]					

Photo 1 of 1 : SP\_2016\_RD0341\_168\_1\_20160223\_00001.jpg



USACE 2013 Photo #1

LM Start	<b>6.16</b>	Rating **	M	Issue No.	<b>40</b>
LM End	<b>6.30</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.080467 °	38.081067 °
				-121.730568 °	-121.732960 °
DWR ID	DWR_RD0341_02_s_2016_40				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
The RD is in process of mowing the weeds on the landside slope.					

No Photos

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Unit No. 02 Sacramento River	Left	6.28	03/11/2016 03/11/2016	Herman Phillips

LM Start	<b>6.16</b>	Rating **	M	Issue No.	<b>39</b>
LM End	<b>6.55</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.080467 °	38.082922 °	
			-121.730568 °	-121.736900 °	
DWR ID	DWR_RD0341_02_s_2016_39				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

LM Start	<b>6.29</b>	Rating **	U	Issue No.	<b>47</b>
LM End	<b>6.32</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Trim / Thin Trees		38.081075 °	38.081142 °	
			-121.732813 °	-121.733465 °	
DWR ID	DWR_RD0341_02_f_2015_47				
Comment Code					
T2 : Thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comment					
Remove the unwanted fig trees from the levee section.					

Photo 1 of 1 : SP\_2016\_RD0341\_168\_47\_20160316\_00078.jpg



Landside slope blocked by woody growth of fig trees.

LM Start	<b>6.48</b>	Rating **	A	Issue No.	<b>42</b>
LM End	<b>9.64</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.082325 °	38.061044 °	
			-121.735955 °	-121.784420 °	
DWR ID	DWR_RD0341_02_s_2016_42				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
No unwanted vegetation along this levee section.					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Unit No. 02 Sacramento River	Left	6.28	03/11/2016 03/11/2016	Herman Phillips

LM Start	<b>6.55</b>	Rating **	A	Issue No.	<b>43</b>
LM End	<b>9.64</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.082922°	38.061044°	
			-121.736897°	-121.784419°	
DWR ID	DWR_RD0341_02_s_2016_43				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
No unwanted vegetation along this levee section.					

No Photos

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