

**Flood Control Project Maintenance  
Levee Inspections**

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

### Reclamation District No. 0017 Mossdale

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 French Camp Slough	Left	1.76	03/29/2017 03/29/2017	Richard Willoughby

LM Start	<b>0.00</b>	Rating **	A	Issue No.	<b>1</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	N/A
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Operations & Maintenance Manuals				
DWR ID	DWR_RD0017_01_s_2013_1				
Comment Code					
Inspector Comment					
LMA has a copy of the manual on file.					

No Photos

LM Start	<b>0.00</b>	Rating **	A	Issue No.	<b>2</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	N/A
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Emergency Supplies & Equipment				
DWR ID	DWR_RD0017_01_s_2013_2				
Comment Code					
Inspector Comment					
LMA has adequate flood fight supplies.					

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 French Camp Slough	Left	1.76	03/29/2017 03/29/2017	Richard Willoughby

LM Start	0.00	Rating **	A	Issue No.	3		
LM End	0.00	Issue Type +	Ma	Location *	N/A		
Category	Earthen Levee			GPS Latitude/Longitude			
				Start		End	
Item	Flood Preparedness & Training				°		°
					°		°
DWR ID	DWR_RD0017_01_s_2013_3						
Comment Code							
Inspector Comment							
District staff are involved in yearly training sponsored by DWR.							

No Photos

LM Start	0.00	Rating **	A	Issue No.	10
LM End	1.76	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.911248 °	37.915968 °
				-121.291064 °	-121.320733 °
DWR ID	DWR_RD0017_01_s_2017_10				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

Photo 1 of 1 : SP\_2017\_RD0017\_303\_10\_20170330\_00016.jpg



Looking south at typical view of landward slope.

LM Start	0.00	Rating **	A	Issue No.	11
LM End	1.76	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.911248 °	37.915968 °
				-121.291064 °	-121.320733 °
DWR ID	DWR_RD0017_01_s_2017_11				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

Photo 1 of 1 : SP\_2017\_RD0017\_303\_11\_20170330\_00017.jpg



Looking southeast at typical view of waterward 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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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 French Camp Slough	Left	1.76	03/29/2017 03/29/2017	Richard Willoughby

LM Start	0.28	Rating **	M	Issue No.	9	
LM End	0.28	Issue Type +	Ma	Location *	WS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start	End	
Item	Encroachments			37.913503 °	37.913503 °	
				-121.294952 °	-121.294952 °	
DWR ID	DWR_RD0017_01_s_2017_9					
Comment Code						
TR : Tree or limb						
Inspector Comment						
Fallen tree on waterward slope.						

Photo 1 of 1 : SP\_2017\_RD0017\_303\_9\_20170330\_00018.jpg



Looking northeast at fallen tree on waterward slope.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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## Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

### Reclamation District No. 0017 Mossdale

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 San Joaquin River	Right	14.27	03/29/2017 03/29/2017	Richard Willoughby

LM Start	<b>0.00</b>	Rating **	M	Issue No.	<b>69</b>
LM End	<b>14.27</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		37.915968 °	37.772147 °	
			-121.320733 °	-121.289043 °	
DWR ID	DWR_RD0017_02_s _ 2017_69				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

LM Start	<b>0.00</b>	Rating **	M	Issue No.	<b>70</b>
LM End	<b>14.27</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		37.915968 °	37.772147 °	
			-121.320733 °	-121.289043 °	
DWR ID	DWR_RD0017_02_s _ 2017_70				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

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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### Reclamation District No. 0017 Mossdale

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 San Joaquin River	Right	14.27	03/29/2017 03/29/2017	Richard Willoughby

LM Start	<b>0.12</b>	Rating **	M	Issue No.	<b>71</b>
LM End	<b>0.12</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.914598 °	37.914598 °
				-121.322097 °	-121.322097 °
DWR ID	DWR_RD0017_02_s_2017_71				
Comment Code					
A1 : Exterminate rodents and backfill and compact or grout burrows.					
Inspector Comment					

No Photos

LM Start	<b>0.69</b>	Rating **	M	Issue No.	<b>72</b>
LM End	<b>0.69</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.906868 °	37.906868 °
				-121.324043 °	-121.324043 °
DWR ID	DWR_RD0017_02_s_2017_72				
Comment Code					
A1 : Exterminate rodents and backfill and compact or grout burrows.					
Inspector Comment					

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 San Joaquin River	Right	14.27	03/29/2017 03/29/2017	Richard Willoughby

LM Start	1.08	Rating **	U	Issue No.	2
LM End	1.08	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR Erosion Survey			37.902530 °	37.902530 °
				-121.325690 °	-121.325690 °
DWR ID	DWR_RD0017_02_s_2017_2				
Comment Code					
Inspector Comment					
07/25/2016: No significant change observed.					
06/24/2015: No significant change observed.					
06/19/2014: No significant change observed.					
08/13/2013: No significant change at this site.					
08/07/2012: The erosion is nearly vertical, and has developed upward to halfway of the levee slope. The protecting concrete blocks have been washed away. Animal activities are visible. [2016 Site ID:RD0017U02RM44.32]. Repaired site					

LM Start	<b>1.08</b>	Rating **	U	Issue No.	<b>2 (cont)</b>
LM End	<b>1.08</b>	Issue Type +	Ma	Location *	WS

Photo 1 of 3 : SP\_2017\_RD0017\_304\_2\_20170316\_00003.jpg



Front view of the erosion site. Note the concrete blocks and vegetation at the site.

Photo 2 of 3 : SP\_2017\_RD0017\_304\_2\_20170316\_00004.jpg



Close view of the erosion.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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### Reclamation District No. 0017 Mossdale

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 San Joaquin River	Right	14.27	03/29/2017 03/29/2017	Richard Willoughby

LM Start	1.08	Rating **	U	Issue No.	2 (cont)	
LM End	1.08	Issue Type +	Ma	Location *	WS	
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR Erosion Survey			37.902530 °	37.902530 °	
				-121.325690 °	-121.325690 °	
DWR ID	DWR_RD0017_02_s_2017_2					
Comment Code						
Inspector Comment						
07/25/2016: No significant change observed.						
06/24/2015: No significant change observed.						
06/19/2014: No significant change observed.						
08/13/2013: No significant change at this site.						
08/07/2012: The erosion is nearly vertical, and has developed upward						
to halfway of the levee slope. The protecting concrete blocks have been						
washed away. Animal activities are visible. [2016 Site						
ID:RD0017U02RM44.32]. Repaired site						

Photo 3 of 3 : SP\_2017\_RD0017\_304\_2\_20170330\_00191.jpg



Looking south at repaired site on waterward slope. (Spring 2017)

LM Start	1.13	Rating **	M	Issue No.	73
LM End	1.13	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.901693 °	37.901693 °
				-121.325582 °	-121.325582 °
DWR ID	DWR_RD0017_02_s_2017_73				
Comment Code					
TR : Tree or limb					
Inspector Comment					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  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 San Joaquin River	Right	14.27	03/29/2017 03/29/2017	Richard Willoughby

LM Start	2.82	Rating **	M	Issue No.	83
LM End	2.82	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR Erosion Survey			37.878660 °	37.878660 °
				-121.332400 °	-121.332400 °
DWR ID	DWR_RD0017_02_s_2017_83				
Comment Code					
Inspector Comment					
07/25/2016: No significant change observed.					
06/24/2015: No significant change observed.					
06/19/2014: A pocket erosion was found during the boat survey. [2016					
Site ID:RD0017U02RM46.1]					

Photo 1 of 2 : SP\_2017\_RD0017\_304\_83\_20170316\_00009.jpg



Front view of the erosion.

LM Start	<b>2.82</b>	Rating **	M	Issue No.	<b>83 (cont)</b>
LM End	<b>2.82</b>	Issue Type +	Ma	Location *	WS

Photo 2 of 2 : SP\_2017\_RD0017\_304\_83\_20170316\_00010.jpg



Close view of the erosion. The slope protection is poor.

LM Start	3.73	Rating **	C	Issue No.	75
LM End	3.73	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.867233 °	37.867233 °
				-121.326712 °	-121.326712 °
DWR ID	DWR_RD0017_02_f_2016_75				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					
Large breaver holes on waterward berm					

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 San Joaquin River	Right	14.27	03/29/2017 03/29/2017	Richard Willoughby

LM Start	4.43	Rating **	A/W	Issue No.	76
LM End	5.52	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.861070 °	37.850118 °
				-121.319510 °	-121.320188 °
DWR ID	DWR_RD0017_02_s_2012_76				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					
Rodent holes has been backfilled, but should be monitored.					

No Photos

LM Start	5.49	Rating **	M	Issue No.	74
LM End	5.49	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.850540 °	37.850540 °
				-121.320413 °	-121.320413 °
DWR ID	DWR_RD0017_02_s_2017_74				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

LM Start	7.58	Rating **	M	Issue No.	25
LM End	7.60	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.828095 °	37.827920 °
				-121.309945 °	-121.309847 °
DWR ID	DWR_RD0017_02_s_2012_25				
Comment Code					
V4 : Elderberries are blocking visibility and flood fight capability.					
Inspector Comment					

Photo 1 of 1 : SP\_2017\_RD0017\_304\_25\_20170316\_00006.jpg



Elderberry blocking view of landside slope and toe.

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

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## Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

### Reclamation District No. 0017 Mossdale

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 San Joaquin River	Right	14.27	03/29/2017 03/29/2017	Richard Willoughby

LM Start	8.05	Rating **	M	Issue No.	77
LM End	8.51	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.824447 °	37.821220 °
				-121.312692 °	-121.319048 °
DWR ID	DWR_RD0017_02_s_2017_77				
Comment Code					
A1 : Exterminate rodents and backfill and compact or grout burrows.					
Inspector Comment					

No Photos

LM Start	9.29	Rating **	M	Issue No.	9
LM End	9.29	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.815270 °	37.815270 °
				-121.317692 °	-121.317692 °
DWR ID	DWR_RD0017_02_s_2012_9				
Comment Code					
V4 : Elderberries are blocking visibility and flood fight capability.					
Inspector Comment					
Bamboo & elderberries at landside toe.					

Photo 1 of 1 : SP\_2017\_RD0017\_304\_9\_20170316\_00005.jpg



Looking east at bamboo and elderberries at landward toe.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  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 San Joaquin River	Right	14.27	03/29/2017 03/29/2017	Richard Willoughby

LM Start	<b>10.08</b>	Rating **	M	Issue No.	<b>78</b>
LM End	<b>10.08</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		37.809227 °	37.809227 °	
			-121.323020 °	-121.323020 °	
DWR ID	DWR_RD0017_02_s_2017_78				
Comment Code					
TR : Tree or limb					
Inspector Comment					

No Photos

LM Start	<b>10.64</b>	Rating **	M	Issue No.	<b>80</b>
LM End	<b>10.64</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		37.805787 °	37.805787 °	
			-121.322022 °	-121.322022 °	
DWR ID	DWR_RD0017_02_s_2015_80				
Comment Code					
V4 : Elderberries are blocking visibility and flood fight capability.					
Inspector Comment					

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 San Joaquin River	Right	14.27	03/29/2017 03/29/2017	Richard Willoughby

LM Start	12.14	Rating **	M	Issue No.	135
LM End	12.14	Issue Type +	Ma	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.793831 °	37.793831 °
				-121.305989 °	-121.305989 °
DWR ID					

**Comment Code**

**Inspector Comment**

FS\_ID:40702  
 DS\_ID:806  
 EP\_NO: N/A  
 Repair Type: Non-Urgent  
 Crossing Status: Found  
 UCIP Comments: No pipe found during site visit only air valve and power meter. Dense vegetation along waterward slope recommend clearing vegetation from slope to conduct proper pipe inspection. If crossing is no longer in use owner will need to coordinate with DWR inspector and CVFPB to remove according to Title 23 requirements.  
 FIELD\_STRUCT\_DESC: \*REMOVED\* 20-inch Steel drain pipe through the levee 5-feet below the crown. Siphon breaker in steel riser on WS shoulder and a flap gate on the WS toe Permit No. 3799, 1961. Pipe removed under Permit No. 15318, 1989. Drainage or Irrigation Structure referenced in O&M manual (HLM 12.16). (USACE O&M, 1963)  
 FS Date: 2/4/2010

LM Start	12.14	Rating **	M	Issue No.	135 (cont)
LM End	12.14	Issue Type +	Ma	Location *	LS

Photo 1 of 3 : UCIP\_SP\_2017\_40702\_72481.jpg



Overview of levee crown at crossing.

Photo 2 of 3 : UCIP\_SP\_2017\_40702\_72480.jpg



View of waterward side.

<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 San Joaquin River	Right	14.27	03/29/2017 03/29/2017	Richard Willoughby

LM Start	12.14	Rating **	M	Issue No.	135 (cont)	
LM End	12.14	Issue Type +	Ma	Location *	LS	
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			37.793831 °	37.793831 °	
				-121.305989 °	-121.305989 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:40702						
DS_ID:806						
EP_NO: N/A						
Repair Type: Non-Urgent						
Crossing Status: Found						
UCIP Comments: No pipe found during site visit only air valve and power meter. Dense vegetation along waterward slope recommend clearing vegetation from slope to conduct proper pipe inspection. If crossing is no longer in use owner will need to coordinate with DWR inspector and CVFPB to remove according to Title 23 requirements.						
FIELD_STRUCT_DESC: *REMOVED* 20-inch Steel drain pipe through the levee 5-feet below the crown. Siphon breaker in steel riser on WS shoulder and a flap gate on the WS toe Permit No. 3799, 1961. Pipe removed under Permit No. 15318, 1989. Drainage or Irrigation Structure referenced in O&M manual (HLM 12.16). (USACE O&M, 1963)						
FS Date: 2/4/2010						

Photo 3 of 3 : UCIP\_SP\_2017\_40702\_72483.jpg



Dense vegetation along waterward slope--abandoned electrical box is visible through dense vegetation.

<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 San Joaquin River	Right	14.27	03/29/2017 03/29/2017	Richard Willoughby

LM Start	13.28	Rating **	M	Issue No.	146
LM End	13.28	Issue Type +	Ma	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.779470 °	37.779470 °
				-121.299954 °	-121.299954 °
DWR ID					

**Comment Code**

**Inspector Comment**

FS\_ID:40715  
DS\_ID:809  
EP\_NO: N/A  
Repair Type: Non-Urgent  
Crossing Status: Found  
UCIP Comments: No information was obtained from desk study. This crossing was found during field visit. Need to contact owner to obtain additional details about crossing (installation date and permit) and status.  
FIELD\_STRUCT\_DESC: \*ABANDONED\* 18-inch pipe through the levee, 5.8 feet below the crown. Gate valve and siphon breaker on the waterward slope. Flap gate on the waterward end. One CM cutoff wall (Reclamation District No. 17 Drainage Plant). Pump on the landward side. Installed by USCE 1961. This entry matches the Drainage or Irrigation Structure referenced in O&M manual (HLM 13.36). (USACE O&M, 1963). Welded Steel plate installed over one end of pipe under Permit No. 14450, 1988.  
FS Date: 2/4/2010

LM Start	<b>13.28</b>	Rating **	M	Issue No.	<b>146 (cont)</b>
LM End	<b>13.28</b>	Issue Type +	Ma	Location *	LS

Photo 1 of 3 : UCIP\_SP\_2017\_40715\_72548.jpg



View of levee crown at crossing.

Photo 2 of 3 : UCIP\_SP\_2017\_40715\_72551.jpg



View of waterward side, photo 1 of 2.

<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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**Flood Control Project Maintenance  
Levee Inspections**

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

### Reclamation District No. 0017 Mossdale

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 San Joaquin River	Right	14.27	03/29/2017 03/29/2017	Richard Willoughby

LM Start	13.28	Rating **	M	Issue No.	146 (cont)
LM End	13.28	Issue Type +	Ma	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.779470 °	37.779470 °
				-121.299954 °	-121.299954 °
DWR ID					

**Comment Code**

**Inspector Comment**

FS\_ID:40715  
 DS\_ID:809  
 EP\_NO: N/A  
 Repair Type: Non-Urgent  
 Crossing Status: Found  
 UCIP Comments: No information was obtained from desk study. This crossing was found during field visit. Need to contact owner to obtain additional details about crossing (installation date and permit) and status.  
 FIELD\_STRUCT\_DESC: \*ABANDONED\* 18-inch pipe through the levee, 5.8 feet below the crown. Gate valve and siphon breaker on the waterward slope. Flap gate on the waterward end. One CM cutoff wall (Reclamation District No. 17 Drainage Plant). Pump on the landward side. Installed by USCE 1961. This entry matches the Drainage or Irrigation Structure referenced in O&M manual (HLM 13.36). (USACE O&M, 1963). Welded Steel plate installed over one end of pipe under Permit No. 14450, 1988.  
 FS Date: 2/4/2010

Photo 3 of 3 : UCIP\_SP\_2017\_40715\_72549.jpg



View of waterward side, photo 2 of 2.

<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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