

**Flood Control Project Maintenance
Levee Inspections**
LMA District Cover Sheet
Spring 2018 Levee Inspection Results

Reclamation District No. 0755 Randall

	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 2018 Levee Inspection Results

Reclamation District No. 0755 Randall

Waterway			Bank	Unit Miles
Unit No. 01 Sacramento River			Left	1.83
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)				
Date of Inspection	3/21/2018 - 3/21/2018			
DWR Inspector	Keith Millard			
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 2018

Reclamation District No. 0755 Randall

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	1.83	03/21/2018 03/21/2018	Keith Millard

LM Start		Rating **	M	Issue No.	14
LM End		Issue Type +	Ma	Location *	
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Flood Preparedness & Training				
DWR ID	DWR_RD0755_01_f_2014_14				
Comment Code					
Inspector Comment					
This district has a knowledge of how to conduct a flood fight but has not taken the class recently.					

No Photos

LM Start		Rating **	M	Issue No.	15
LM End		Issue Type +	Ma	Location *	
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Emergency Supplies & Equipment				
DWR ID	DWR_RD0755_01_f_2014_15				
Comment Code					
Inspector Comment					
The emergency supplies were not observed during the inspection.					

No Photos

LM Start		Rating **	A	Issue No.	16
LM End		Issue Type +	Ma	Location *	
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Operations & Maintenance Manuals				
DWR ID	DWR_RD0755_01_f_2014_16				
Comment Code					
Inspector Comment					
MBK Engineering mailed a copy of the O/M Manul to the RD President in spring of 2017.					

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 2018

Reclamation District No. 0755 Randall

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	1.83	03/21/2018 03/21/2018	Keith Millard

LM Start	0.00	Rating **	M	Issue No.	11
LM End	0.17	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.347123 °	38.346773 °
				-121.537572 °	-121.538687 °
DWR ID	DWR_RD0755_01_s_2017_11				
Comment Code					
V9 : Keep the crown roadway free of vegetation.					
Inspector Comment					
Crown vegetation should be mowed to allow inspection.					

Photo 1 of 1 : SP_2018_RD0755_177_11_20180321_00047.jpg



Crown vegetation should be reduced.

LM Start	0.14	Rating **	C	Issue No.	17
LM End		Issue Type +	Ob	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2017 Storm Damage			38.346922 °	°
				-121.538156 °	°
DWR ID	DWR_RD0755_01_s_2018_17				
Comment Code					
Inspector Comment					
Levee Evaluation Comments					
Description:					
Site ID No:72					
Site Designation:131-2014					
Repair Type: Seepage					
Rating:					
Field Date:					
Notes:					

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 2018

Reclamation District No. 0755 Randall

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	1.83	03/21/2018 03/21/2018	Keith Millard

LM Start	0.17	Rating **	M	Issue No.	20
LM End	1.05	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.346757 °	38.343581 °
				-121.538675 °	-121.554301 °
DWR ID	DWR_RD0755_01_f _ 2016_20				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					
The vegetation should be removed/managed to allow inspection of landside slope and toe.					

Photo 1 of 1 : SP_2018_RD0755_177_20_20180305_00009.jpg



RD 755 looking downstream from levee mile 0.17-0.59.

LM Start	0.17	Rating **	M	Issue No.	19
LM End	1.84	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.346757 °	38.336409 °
				-121.538675 °	-121.564813 °
DWR ID	DWR_RD0755_01_f_2016_19				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					
The tall weeds on the waterside slope and should be removed/managed to allow inspection. Large cactus (Century Plants) at LM 1.07 should be removed.					

Photo 1 of 1 : SP_2018_RD0755_177_19_20180305_00008.jpg



RD 755 Levee mile 0.17-1.12 waterside looking downstream.

LM Start	0.24	Rating **	M	Issue No.	21
LM End	0.24	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.346275 °	38.346275 °
				-121.539838 °	-121.539838 °
DWR ID	DWR_RD0755_01_f_2016_21				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					
Trim trees to at least five feet above the ground.					

No Photos

* 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	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0755 Randall

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	1.83	03/21/2018 03/21/2018	Keith Millard

LM Start	0.28	Rating **	A/W	Issue No.	18 (cont)
LM End	0.28	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2017 Storm Damage			38.346249 °	38.346331 °
				-121.540542 °	-121.540664 °
DWR ID	DWR_RD0755_01_f_2017_18				
Comment Code					
Inspector Comment					
<p>Levee Evaluation Comments</p> <p>Description: The damage consists of erosion of the lower waterside levee slope and bank approximately 27 feet in length along the east (left) bank of the Sacramento River. See attached pages for photos. Site location T06N R04E Section 28.</p> <p>Site ID No: 327</p> <p>Site Designation: LMA-154</p> <p>Repair Type: Erosion</p> <p>Rating: Area of Concern</p> <p>Field Date: 7/13/2017</p> <p>Notes: Pretty minor damage visible from the slope, site was originally identified by boat. Will look at again from waterside if there is time. Crown is a paved road. Original GPS was a little off, added correct point in start</p>					

Photo 3 of 3 : SP_2018_RD0755_177_18_20180305_00007.jpg



LM Start	0.43	Rating **	M	Issue No.	4
LM End	1.77	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.345593 °	38.337197 °
				-121.543263 °	-121.564147 °
DWR ID	DWR_RD0755_01_f_2014_4				
Comment Code					
A1 : Exterminate rodents and backfill and compact or grout burrows.					
Inspector Comment					
Evidence of active rodents on landside slope near the walnut trees. No bait stations observed.					

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
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Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0755 Randall

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	1.83	03/21/2018 03/21/2018	Keith Millard

LM Start	0.43	Rating **	M	Issue No.	29
LM End	0.43	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.345640 °	38.345640 °
				-121.543277 °	-121.543277 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:17123 DS_ID:18849 EP_NO: 4302 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: FBC about 2 feet.Power conduit also through the levee.Wet ground on pump site/location. May need investigation about wet ground. FIELD_STRUCT_DESC: 8-inch coated steel irrigation discharge pipe through the levee, 2 feet below the crown. Pump, electrical box, and control valve on the waterside (WS) slope. Siphon breaker on the landside (LS) slope. Service pole at the LS toe. (Plans for placing an 8-inch irrigation pipe and pump authorized under Permit No. 4302, 1963 - E. C. Hemly). [Additional Reference(s): DWR Levee Log, 2005, referenced as 4 feet below the crown]. FS Date: 8/6/2013					

Photo 1 of 3 : UCIP_SP_2018_17123_29242.jpg



WS view: overview of pump and pipe.

LM Start	0.43	Rating **	M	Issue No.	29 (cont)
LM End	0.43	Issue Type +	En	Location *	

Photo 2 of 3 : UCIP_SP_2018_17123_29241.jpg



WS view: steel pipe and power conduit.

* 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 2018

Reclamation District No. 0755 Randall

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	1.83	03/21/2018 03/21/2018	Keith Millard

LM Start	0.43	Rating **	M	Issue No.	29 (cont)	
LM End	0.43	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP Field Study			38.345640 °	38.345640 °	
				-121.543277 °	-121.543277 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:17123 DS_ID:18849 EP_NO: 4302 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: FBC about 2 feet.Power conduit also through the levee.Wet ground on pump site/location. May need investigation about wet ground. FIELD_STRUCT_DESC: 8-inch coated steel irrigation discharge pipe through the levee, 2 feet below the crown. Pump, electrical box, and control valve on the waterside (WS) slope. Siphon breaker on the landside (LS) slope. Service pole at the LS toe. (Plans for placing an 8-inch irrigation pipe and pump authorized under Permit No. 4302, 1963 - E. C. Hemly). [Additional Reference(s): DWR Levee Log, 2005, referenced as 4 feet below the crown]. FS Date: 8/6/2013						

Photo 3 of 3 : UCIP_SP_2018_17123_29240.jpg



WS view: pump, power switch box, butterfly valve and pipe.

* 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
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Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0755 Randall

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	1.83	03/21/2018 03/21/2018	Keith Millard

LM Start	0.68	Rating **	M	Issue No.	30
LM End	0.68	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.345113 °	38.345113 °
				-121.547789 °	-121.547789 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:41634 DS_ID:18851 EP_NO: 7357 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: An abandoned 12-in steel pipe lying on LS levee slope should be removed.A buried concrete headwall found on LS levee slope should be checked for any pipe or connection. FIELD_STRUCT_DESC: 2 of 2: 8-inch pipe sleeved through a 16-inch irrigation discharge pipe of an unknown material through the levee, 4.2 feet below the crown. Pump on the waterside (WS). (Plans to install an additional pump on an existing stand and to connect the discharge pipe to the existing pipe through the levee authorized under Permit No. 7357, 1971 - Green and Keown Farms, Inc). [Additional Reference(s): DWR Levee Log, 2005, 14-inch outer pipe referenced]. FS Date: 8/6/2013					

LM Start	0.68	Rating **	M	Issue No.	30 (cont)
LM End	0.68	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP_SP_2018_41634_29087.jpg



WS view: pump structure on the stream, conduit, pipes, and walkway.

Photo 2 of 3 : UCIP_SP_2018_41634_29086.jpg



WS view: view towards levee crown from pump structure.

* 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 2018

Reclamation District No. 0755 Randall

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	1.83	03/21/2018 03/21/2018	Keith Millard

LM Start	0.68	Rating **	M	Issue No.	30 (cont)	
LM End	0.68	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP Field Study			38.345113 °		38.345113 °
				-121.547789 °		-121.547789 °
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:41634 DS_ID:18851 EP_NO: 7357 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: An abandoned 12-in steel pipe lying on LS levee slope should be removed.A buried concrete headwall found on LS levee slope should be checked for any pipe or connection. FIELD_STRUCT_DESC: 2 of 2: 8-inch pipe sleeved through a 16-inch irrigation discharge pipe of an unknown material through the levee, 4.2 feet below the crown. Pump on the waterside (WS). (Plans to install an additional pump on an existing stand and to connect the discharge pipe to the existing pipe through the levee authorized under Permit No. 7357, 1971 - Green and Keown Farms, Inc). [Additional Reference(s): DWR Levee Log, 2005, 14-inch outer pipe referenced]. FS Date: 8/6/2013						

Photo 3 of 3 : UCIP_SP_2018_41634_29085.jpg



WS view: pump mounted on pump station/deck.

* 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 2018

Reclamation District No. 0755 Randall

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	1.83	03/21/2018 03/21/2018	Keith Millard

LM Start	0.70	Rating **	A/W	Issue No.	31
LM End	0.70	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.345057 °	38.345057 °
				-121.548050 °	-121.548050 °
DWR ID					

Comment Code

Inspector Comment

FS_ID:17145
DS_ID:18852
EP_NO: 11222
Repair Type: No Action Needed
Crossing Status: Found
UCIP Comments: It was working during field survey. A pump found 150 ft from the levee. Not sure whether the pump belong to this drainage system.
FIELD_STRUCT_DESC: *ABANDONED* 16-inch steel drainage pipe sleeved through a 24-inch steel drainage pipe through the levee, invert elevation 8 feet below the crown. (Retention of a 12-inch drainage pipe sleeved through a 24-inch pipe through the levee, 8 feet below the crown, authorized under Automatic Board Order (ABO) issued as Permit No. 11222, 1975 - Green McKeown, Inc). [Additional Reference(s): DWR Levee Log, 2005, 12-inch inner pipe referenced. USACE Sacramento O&M Manual 111, May 1959, (RM 35.89)].
FS Date: 8/6/2013

LM Start	0.70	Rating **	A/W	Issue No.	31 (cont)
LM End	0.70	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_SP_2018_17145_29292.jpg



WS view: pipe and siphon breaker on levee slope

Photo 2 of 3 : UCIP_SP_2018_17145_29293.jpg



WS view: 16-inch pipe sleeved through 24-inch pipe.

* 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 2018

Reclamation District No. 0755 Randall

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	1.83	03/21/2018 03/21/2018	Keith Millard

LM Start	0.70	Rating **	A/W	Issue No.	31 (cont)	
LM End	0.70	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			38.345057 °	38.345057 °	
				-121.548050 °	-121.548050 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:17145 DS_ID:18852 EP_NO: 11222 Repair Type: No Action Needed Crossing Status: Found UCIP Comments: It was working during field survey. A pump found 150 ft from the levee. Not sure whether the pump belong to this drainage system. FIELD_STRUCT_DESC: *ABANDONED* 16-inch steel drainage pipe sleeved through a 24-inch steel drainage pipe through the levee, invert elevation 8 feet below the crown. (Retention of a 12-inch drainage pipe sleeved through a 24-inch pipe through the levee, 8 feet below the crown, authorized under Automatic Board Order (ABO) issued as Permit No. 11222, 1975 - Green McKeown, Inc). [Additional Reference(s): DWR Levee Log, 2005, 12-inch inner pipe referenced. USACE Sacramento O&M Manual 111, May 1959, (RM 35.89)]. FS Date: 8/6/2013						

Photo 3 of 3 : UCIP_SP_2018_17145_29295.jpg



WS view: 16-inch drainage pipe on levee slope.

LM Start	0.70	Rating **	M	Issue No.	32
LM End	0.70	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.345036 °	38.345036 °
				-121.548141 °	-121.548141 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:17049 DS_ID:18854 EP_NO: 1716 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Not found- a 4-inch pipe on waterward shoulder but a 2-inch GI pipe found on landside slope. FIELD_STRUCT_DESC: *ABANDONED* 18-inch drainage pipe of an unknown material through the levee, invert elevation 4.5 feet below the crown. (Plans for the replacement of an existing pipe through the levee authorized under Permit No. 1716, 1952 - Reclamation District No. 755 [RD0755]). [Additional Reference(s): DWR Levee Log, 2005. USACE Sacramento O&M Manual 111, May 1959, (RM 35.88)]. FS Date: 8/6/2013					

Photo 1 of 3 : UCIP_SP_2018_17049_29119.jpg



LS view: concrete headwall and 2-inch conduit (left)

* 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	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0755 Randall

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	1.83	03/21/2018 03/21/2018	Keith Millard

LM Start	0.70	Rating **	M	Issue No.	32 (cont)
LM End	0.70	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.345036 °	38.345036 °
				-121.548141 °	-121.548141 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:17049 DS_ID:18854 EP_NO: 1716 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Not found- a 4-inch pipe on waterward shoulder but a 2-inch GI pipe found on landside slope. FIELD_STRUCT_DESC: *ABANDONED* 18-inch drainage pipe of an unknown material through the levee, invert elevation 4.5 feet below the crown. (Plans for the replacement of an existing pipe through the levee authorized under Permit No. 1716, 1952 - Reclamation District No. 755 [RD0755]). [Additional Reference(s): DWR Levee Log, 2005. USACE Sacramento O&M Manual 111, May 1959, (RM 35.88)]. FS Date: 8/6/2013					

LM Start	0.70	Rating **	M	Issue No.	32 (cont)
LM End	0.70	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_SP_2018_17049_29121.jpg



LS view: 18-inch abandoned pipe on levee slope

Photo 3 of 3 : UCIP_SP_2018_17049_29122.jpg



LS view: exposed/daylight 18-inch abandoned pipe on levee slope

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

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0755 Randall

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	1.83	03/21/2018 03/21/2018	Keith Millard

LM Start	0.93	Rating **	M	Issue No.	33
LM End	0.93	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.344103 °	38.344103 °
				-121.552119 °	-121.552119 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:17063 DS_ID:18855 EP_NO: 11225 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Abandoned pipe and pump.Service pole, power box lying on LS slope. FIELD_STRUCT_DESC: *ABANDONED* 10-inch irrigation discharge pipe of an unknown material and a 1-inch electrical conduit through the levee, invert elevation 5.6 feet below the crown. Pump on a pile structure with a walkway to the pump. Abandoned service pole on the landside (LS) slope. (Retention of a 10-inch pipe through the levee, 5.6 feet below the crown, pump on a pile structure with a walkway to the pump, and a service pole on the LS slope Automatic Board Order (ABO) issued as Permit No. 11225, 1975 - Helen D. Wilson). [Additional Reference(s): DWR Levee Log, 2005. USACE Sacramento O&M Manual 111, May 1959, (RM 35.66)]. FS Date: 8/6/2013					

LM Start	0.93	Rating **	M	Issue No.	33 (cont)
LM End	0.93	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP_SP_2018_17063_29148.jpg



WS view: overview of pipe and pump structure.

Photo 2 of 3 : UCIP_SP_2018_17063_29147.jpg



WS view: an abandoned pump

* 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 2018

Reclamation District No. 0755 Randall

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	1.83	03/21/2018 03/21/2018	Keith Millard

LM Start	0.93	Rating **	M	Issue No.	33 (cont)	
LM End	0.93	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.344103 °	38.344103 °	
				-121.552119 °	-121.552119 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:17063 DS_ID:18855 EP_NO: 11225 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Abandoned pipe and pump.Service pole, power box lying on LS slope. FIELD_STRUCT_DESC: *ABANDONED* 10-inch irrigation discharge pipe of an unknown material and a 1-inch electrical conduit through the levee, invert elevation 5.6 feet below the crown. Pump on a pile structure with a walkway to the pump. Abandoned service pole on the landside (LS) slope. (Retention of a 10-inch pipe through the levee, 5.6 feet below the crown, pump on a pile structure with a walkway to the pump, and a service pole on the LS slope Automatic Board Order (ABO) issued as Permit No. 11225, 1975 - Helen D. Wilson). [Additional Reference(s): DWR Levee Log, 2005. USACE Sacramento O&M Manual 111, May 1959, (RM 35.66)]. FS Date: 8/6/2013						

Photo 3 of 3 : UCIP_SP_2018_17063_29146.jpg



WS view: abandoned and discontinued vertical intake pipe

LM Start	1.04	Rating **	M	Issue No.	34	
LM End	1.04	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.343625 °	38.343625 °	
				-121.554145 °	-121.554145 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:46764						
DS_ID:18856						
EP_NO: N/A						
Repair Type: Non-Urgent						
Crossing Status: Found						
UCIP Comments: Needs to be properly abandoned.						
FIELD_STRUCT_DESC: *ABANDONED* 12-inch pipe of an unknown material or purpose through the levee, invert elevation 5 feet below the crown. Siphon breaker on the waterside (WS). Pipe not found on the landside (LS). (Wilson). [Additional Reference(s): DWR Levee Log, 2005. USACE Sacramento O&M Manual 111, May 1959, (RM 35.55)].						
FS Date: 8/6/2013						

Photo 1 of 3 : UCIP_SP_2018_46764_29158.jpg



WS view: overview of steel pipe with siphon breaker on levee slope

* 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 2018

Reclamation District No. 0755 Randall

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	1.83	03/21/2018 03/21/2018	Keith Millard

LM Start	1.04	Rating **	M	Issue No.	34 (cont)	
LM End	1.04	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.343625 °	38.343625 °	
				-121.554145 °	-121.554145 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:46764						
DS_ID:18856						
EP_NO: N/A						
Repair Type: Non-Urgent						
Crossing Status: Found						
UCIP Comments: Needs to be properly abandoned.						
FIELD_STRUCT_DESC: *ABANDONED* 12-inch pipe of an unknown material or purpose through the levee, invert elevation 5 feet below the crown. Siphon breaker on the waterside (WS). Pipe not found on the landside (LS). (Wilson). [Additional Reference(s): DWR Levee Log, 2005. USACE Sacramento O&M Manual 111, May 1959, (RM 35.55)].						
FS Date: 8/6/2013						

Photo 2 of 3 : UCIP_SP_2018_46764_29157.jpg



WS view: steel pipe with siphon breaker on levee slope

LM Start	1.04	Rating **	M	Issue No.	34 (cont)
LM End	1.04	Issue Type +	En	Location *	

Photo 3 of 3 : UCIP_SP_2018_46764_29159.jpg



LS view: no pipe and pump found on LS.

* 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 2018

Reclamation District No. 0755 Randall

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	1.83	03/21/2018 03/21/2018	Keith Millard

LM Start	1.05	Rating **	M	Issue No.	23
LM End	1.08	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.343595 °	38.343487 °
				-121.554238 °	-121.554768 °
DWR ID	DWR_RD0755_01_s_2017_23				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Ground vegetation, shrubs and trees should be maintained to allow inspection and access to landside slope and toe.					

No Photos

LM Start	1.06	Rating **	M	Issue No.	12
LM End	1.06	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.343543 °	38.343543 °
				-121.554523 °	-121.554523 °
DWR ID	DWR_RD0755_01_s_2018_12				
Comment Code					
T2 : Thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comment					

No Photos

LM Start	1.12	Rating **	M	Issue No.	28
LM End	1.40	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.343300 °	38.341402 °
				-121.555507 °	-121.559983 °
DWR ID	DWR_RD0755_01_s_2017_28				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					

No Photos

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

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0755 Randall

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	1.83	03/21/2018 03/21/2018	Keith Millard

LM Start	1.12	Rating **	M	Issue No.	35
LM End	1.12	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.343305 °	38.343305 °
				-121.555538 °	-121.555538 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:17144 DS_ID:18857 EP_NO: 11219 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: - requires cleaning of siphon breaker box. FIELD_STRUCT_DESC: 8-inch irrigation discharge pipe of an unknown material through the levee, invert elevation 5.7 feet below the crown. Siphon breaker in a corrugated metal pipe (CMP) riser on the landside (LS) shoulder. Power pole on the LS. Pump and power box in a pump house on the waterside (WS) slope. Electrical conduit through the levee at the same location. (Retention of an 8-inch pipe through the levee, 5.7 feet below the crown, and a pump in a pump house on the WS slope authorized under Automatic Board Order (ABO) issued as Permit No. 11219, 1975 - David J. Jr and Bonnie Elliott). [Additional Reference(s): DWR Levee Log, 2005. USACE Sacramento O&M Manual 111, May 1959, (RM 35.47)]. FS Date: 8/6/2013					

LM Start	1.12	Rating **	M	Issue No.	35 (cont)
LM End	1.12	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP_SP_2018_17144_29288.jpg



WS view: pump house on levee slope.

Photo 2 of 3 : UCIP_SP_2018_17144_29287.jpg



WS view: pipe daylight from pump house.

* 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 2018

Reclamation District No. 0755 Randall

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	1.83	03/21/2018 03/21/2018	Keith Millard

LM Start	1.12	Rating **	M	Issue No.	35 (cont)	
LM End	1.12	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.343305 °	38.343305 °	
				-121.555538 °	-121.555538 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:17144 DS_ID:18857 EP_NO: 11219 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: - requires cleaning of siphon breaker box. FIELD_STRUCT_DESC: 8-inch irrigation discharge pipe of an unknown material through the levee, invert elevation 5.7 feet below the crown. Siphon breaker in a corrugated metal pipe (CMP) riser on the landside (LS) shoulder. Power pole on the LS. Pump and power box in a pump house on the waterside (WS) slope. Electrical conduit through the levee at the same location. (Retention of an 8-inch pipe through the levee, 5.7 feet below the crown, and a pump in a pump house on the WS slope authorized under Automatic Board Order (ABO) issued as Permit No. 11219, 1975 - David J. Jr and Bonnie Elliott). [Additional Reference(s): DWR Levee Log, 2005. USACE Sacramento O&M Manual 111, May 1959, (RM 35.47)]. FS Date: 8/6/2013						

Photo 3 of 3 : UCIP_SP_2018_17144_29286.jpg



WS view: pumps, butterfly valve and pipe inside pump house.

* 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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Reclamation District No. 0755 Randall

A photograph of a riverbank. A large, leafy tree stands on a grassy slope. The bank is covered in dense, tall grass and some shrubs. The water in the foreground is a murky green-brown color. In the bottom right corner, there is a date stamp that reads "7-2-05 2:01 PM".

USACE 2013 Photo #1

Page 20 of 24

Reclamation District No. 0755 Randall

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

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0755 Randall

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	1.83	03/21/2018 03/21/2018	Keith Millard

LM Start	1.64	Rating **	M	Issue No.	36 (cont)	
LM End	1.64	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.338715 °	38.338715 °	
				-121.562560 °	-121.562560 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:17143 DS_ID:18858 EP_NO: 11219 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: - Pump and walkway seem abandoned.- Power line is not connected with pump.- A pump house like structure found on LS levee toe. FIELD_STRUCT_DESC: 16-inch irrigation discharge pipe of an unknown material through the levee, invert elevation 8.5 feet below the crown. Pump on a pile structure in the river. Walkway to the pump. Siphon breaker and power pole on the landside (LS) slope. Electrical conduit through the levee at the same location. (Retention of a 14-inch pipe through the levee, 8.5 feet below the crown, a pump on a pile structure in the river, a walkway to the pump, and a siphon breaker on the LS slope authorized under Automatic Board Order (ABO) issued as Permit No. 11219, 1975 - David J. Jr and Bonnie Elliott). [Additional Reference(s): DWR Levee Log, 2005, 14-inch pipe referenced. USACE Sacramento O&M Manual 111, May 1959, (RM 35.02), 14-inch pipe referenced, incorrectly referenced in Reclamation District No. 551 (RD0551)]. FS Date: 8/6/2013						

LM Start	1.64	Rating **	M	Issue No.	36 (cont)
LM End	1.64	Issue Type +	En	Location *	

Photo 2 of 3 : UCIP_SP_2018_17143_29281.jpg



WS view: Abandoned walkway and pump structure

Photo 3 of 3 : UCIP_SP_2018_17143_29280.jpg



WS view: Pipe and butterfly/gate valve on levee slope.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Reclamation District No. 0755 Randall



