

Flood Control Project Maintenance Levee Inspections

Fall 2021 Levee Maintenance Deficiency Summary Report

Sacramento River Basin

RD0108	Overall LMA Rating	Total LMA Miles						
Reclamation District No. 0108 River Farms	A	20.92						
Rated Item	Maintenance Deficiency				Enforcement		Design & System Obsolescence	
	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
<i>Earthen Levee</i>								
Encroachments					0.37			
Slope Stability	0.05		0.05	0.24%				
<i>Supplemental</i>								
2018 USACE Erosion Survey	0.08		0.08	0.38%				
DWR UCIP Field Study					0.06			
DWR UCIP LMA Responsibility								
<i>LMA Totals:</i>	0.13	0.00	0.13	0.62%	0.43	0.00	0.00	0.00
Unit No. 01 Colusa Basin Drain LB	Overall Unit Rating	Total Unit Miles						
RD0108	A	20.64						
Rated Item	Maintenance Deficiency				Enforcement		Design & System Obsolescence	
	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
<i>Earthen Levee</i>								
Encroachments					0.37			
Slope Stability	0.05		0.05	0.24%				
<i>Supplemental</i>								
2018 USACE Erosion Survey	0.08		0.08	0.39%				
DWR UCIP Field Study					0.06			
DWR UCIP LMA Responsibility								
<i>Unit Totals:</i>	0.13	0.00	0.13	0.63%	0.43	0.00	0.00	0.00
Unit No. 02 Castle Properties RB	Overall Unit Rating	Total Unit Miles						
RD0108	A	0.28						
Rated Item	Maintenance Deficiency				Enforcement		Design & System Obsolescence	
	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
No Items								
<i>Unit Totals:</i>	0.00	0.00	0.00	0.00%				

Flood Control Project Maintenance Levee Inspections LMA District Cover Sheet

Reclamation District No. 0108 River Farms

	Spring (March - May)	Summer ** (June - August)	Fall (September - November)	Winter ** (December - February)
† Overall LMA Rating (Fall Only)			A	

**** 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**

Reclamation District No. 0108 River Farms

Waterway			Bank	Unit Miles
Unit No. 01 Colusa Basin Drain			Left	20.64
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			A	
Date of Inspection	3/18/2021 - 3/18/2021		9/10/2021 - 9/10/2021	
DWR Inspector	Zach Jojola		Zach Jojola	
Accompanied By	Gary Marler RD 108		Gary Marler RD 108	

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 - Fall 2021

Reclamation District No. 0108 River Farms

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Colusa Basin Drain	Left	20.64	09/10/2021 09/10/2021	Zach Jojola

LM Start		Rating **	A	Issue No.	5
LM End		Issue Type +	Ma	Location *	N/A
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Operations & Maintenance Manuals				°
					°
DWR ID	DWR_RD0108_01_s_2013_5				
Comment Code					
Inspector Comment					
RD 108 has O&M manuals.					

No Photos

LM Start		Rating **	A	Issue No.	7		
LM End		Issue Type +	Ma	Location *	N/A		
Category	Earthen Levee			GPS Latitude/Longitude			
				Start		End	
Item	Emergency Supplies & Equipment				°		°
					°		°
DWR ID	DWR_RD0108_01_s_2013_7						
Comment Code							
Inspector Comment							
RD 108 maintains a stockpile of flood response materials.							

No Photos

LM Start		Rating **	A	Issue No.	9		
LM End		Issue Type +	Ma	Location *	N/A		
Category	Earthen Levee			GPS Latitude/Longitude			
				Start		End	
Item	Flood Preparedness & Training				°		°
					°		°
DWR ID	DWR_RD0108_01_s_2013_9						
Comment Code							
Inspector Comment							
RD 108 has written response plans and regular flood response training.							

No Photos

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

Levee Inspection Report By Mile - Fall 2021

Reclamation District No. 0108 River Farms

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Colusa Basin Drain	Left	20.64	09/10/2021 09/10/2021	Zach Jojola

LM Start	0.06	Rating **	M	Issue No.	22
LM End	0.06	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		38.822897 °	38.822897 °	
			-121.797000 °	-121.797000 °	
DWR ID	17943				

Comment Code

Inspector Comment

DS_ID:17943
FS_ID:55919
EP_NO: 9736
Repair Type: Non-Urgent
EVAL Issue: Unauthorized Encroachment, installed decades prior
Crossing Status: Found
UCIP Comments: 10/2/2019 Record remains Non-Urgent. In 2019 RD 108 took an attempt to bring structure to operable condition. Although this attempt was unsuccessful District will review other options. In the meantime crossing considered abandoned. Need to have CVFPB review ABO and determine current owner. (O.Yakimov - DWR UCIP) 06/10/2014 Need to contact owner to determine status of structure. Notes indicate crossing has been abandoned. Owner will need to coordinate with CVFPB and DWR inspector to determine how to properly abandon. (O.Magana - DWR UCIP)
FIELD_STRUCT_DESC: *ABANDONED* 1 of 5: 72-inch reinforced concrete gravity drainage pipe or culvert through the levee, 31.6 feet below the crown. Slide gate on each end. (Retention of five 72-inch pipes through the levee [HLM 0.08] authorized under Automatic Board Order (ABO) issued as Permit No. 9736, 1974 - Reclamation District No. 108 [RD0108]). [Additional Reference(s): DWR Levee Log, 1991, (HLM 0.08). USACE Sacramento O&M Manual 132, October 1959, (HLM 0.08), referenced as five 6-foot by 8-foot concrete drainage culverts].
FS Date: 10/2/2019

LM Start	0.06	Rating **	M	Issue No.	22 (cont)
LM End	0.06	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_FA_2021_55919_83215.jpg



View of LS looking from levee crown

Photo 2 of 3 : UCIP_FA_2021_55919_83216.jpg



View of WS looking from levee crown

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

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2021

Reclamation District No. 0108 River Farms

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Colusa Basin Drain	Left	20.64	09/10/2021 09/10/2021	Zach Jojola

LM Start	0.06	Rating **	M	Issue No.	22 (cont)
LM End	0.06	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		38.822897 °	38.822897 °	
			-121.797000 °	-121.797000 °	
DWR ID	17943				

Photo 3 of 3 : UCIP_FA_2021_55919_83217.jpg



Slide gate operating structure on WS shoulder

LM Start	0.06	Rating **	M	Issue No.	23
LM End	0.06	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		38.822919 °	38.822919 °	
			-121.797046 °	-121.797046 °	
DWR ID	22386				

Comment Code

Inspector Comment

DS_ID:22386
 FS_ID:55920
 EP_NO: 9396
 Repair Type: Non-Urgent
 EVAL Issue: Unauthorized Encroachment, installed decades prior
 Crossing Status: Found
 UCIP Comments: 8/2/2019 Record remains Non-Urgent. In 2019 RD 108 took an attempt to bring structure to operable condition. Although this attempt was unsuccessful District will review other options. In the meantime crossing considered abandoned. Need to have CVFPB review ABO and determine current owner. (O.Yakimov - DWR UCIP) 06/10/2014 Need to contact owner to determine status of structure. Notes indicate crossing has been abandoned. Owner will need to coordinate with CVFPB and DWR inspector to determine how to properly abandon. (O.Magana - DWR UCIP)
 FIELD_STRUCT_DESC: *ABANDONED* 2 of 5: 72-inch reinforced concrete gravity drainage pipe or culvert through the levee, 31.6 feet below the crown. Slide gate on each end. (Retention of five 72-inch pipes through the levee [HLM 0.08] authorized under Automatic Board Order (ABO) issued as Permit No. 9736, 1974 - Reclamation District No. 108 [RD0108]). [Additional Reference(s): DWR Levee Log, 1991, (HLM 0.08). USACE Sacramento O&M Manual 132, October 1959, (HLM 0.08), referenced as five 6-foot by 8-foot concrete drainage culverts].
 FS Date: 8/2/2019

Photo 1 of 3 : UCIP_FA_2021_55920_83222.jpg



View of concrete structure located on landward side

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

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2021

Reclamation District No. 0108 River Farms

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Colusa Basin Drain	Left	20.64	09/10/2021 09/10/2021	Zach Jojola

LM Start	0.06	Rating **	M	Issue No.	23 (cont)
LM End	0.06	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		38.822919 °	38.822919 °	
			-121.797046 °	-121.797046 °	
DWR ID	22386				

Photo 2 of 3 : UCIP_FA_2021_55920_83226.jpg



Slide gates on waterward side

LM Start	0.06	Rating **	M	Issue No.	23 (cont)
LM End	0.06	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_FA_2021_55920_83227.jpg



Concrete structure located on waterward side

* 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 - Fall 2021

Reclamation District No. 0108 River Farms

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Colusa Basin Drain	Left	20.64	09/10/2021 09/10/2021	Zach Jojola

LM Start	0.06	Rating **	M	Issue No.	24
LM End	0.06	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.822933 °	38.822933 °
				-121.797081 °	-121.797081 °
DWR ID	22387				

Comment Code

Inspector Comment

DS_ID:22387
FS_ID:55921
EP_NO: 9396
Repair Type: Non-Urgent
EVAL Issue: Unauthorized Encroachment, installed decades prior
Crossing Status: Found
UCIP Comments: 10/2/2019 Record remains Non-Urgent. In 2019 RD 108 took an attempt to bring structure to operable condition. Although This attempt was unsuccessful District will review other options. In the meantime crossing considered abandoned. Need to have CVFPB review ABO and determine current owner. (O.Yakimov - DWR UCIP)06/10/2014 Need to contact owner to determine status of structure. Notes indicate crossing has been abandoned. Owner will need to coordinate with CVFPB and DWR inspector to determine how to properly abandon. (O.Magana - DWR UCIP)
FIELD_STRUCT_DESC: *ABANDONED* 3 of 5: 72-inch reinforced concrete gravity drainage pipe or culvert through the levee, 31.6 feet below the crown. Slide gate on each end. (Retention of five 72-inch pipes through the levee [HLM 0.08] authorized under Automatic Board Order (ABO) issued as Permit No. 9736, 1974 - Reclamation District No. 108 [RD0108]). [Additional Reference(s): DWR Levee Log, 1991. USACE Sacramento O&M Manual 132, October 1959, (HLM 0.08), referenced as five 6-foot by 8-foot concrete drainage culverts].
FS Date: 10/2/2019 7:54:00 AM

LM Start	0.06	Rating **	M	Issue No.	24 (cont)
LM End	0.06	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_FA_2021_55921_83223.jpg



Slide gates on waterward side

Photo 2 of 3 : UCIP_FA_2021_55921_83224.jpg



Concrete structure located on waterward side

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

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2021

Reclamation District No. 0108 River Farms

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Colusa Basin Drain	Left	20.64	09/10/2021 09/10/2021	Zach Jojola

LM Start	0.06	Rating **	M	Issue No.	24 (cont)
LM End	0.06	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		38.822933 °	38.822933 °	
			-121.797081 °	-121.797081 °	
DWR ID	22387				

Photo 3 of 3 : UCIP_FA_2021_55921_83225.jpg



Concrete structure located onlandward side

LM Start	0.06	Rating **	M	Issue No.	25
LM End	0.06	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		38.822897 °	38.822897 °	
			-121.797000 °	-121.797000 °	
DWR ID	22388				

Comment Code

Inspector Comment

DS_ID:22388
 FS_ID:55922
 EP_NO: 9396
 Repair Type: Non-Urgent
 EVAL Issue: Unauthorized Encroachment, installed decades prior
 Crossing Status: Found
 UCIP Comments: 10/2/2019 Record remains Non-Urgent. In 2019 RD 108 took an attempt to bring structure to operable condition. Although this attempt was unsuccessful District will review other options. In the meantime crossing considered abandoned. Need to have CVFPB review ABO and determine current owner. (O.Yakimov - DWR UCIP)06/10/2014 Need to contact owner to determine status of structure. Notes indicate crossing has been abandoned. Owner will need to coordinate with CVFPB and DWR inspector to determine how to properly abandon. (O.Magana - DWR UCIP)
 FIELD_STRUCT_DESC: *ABANDONED* 4 of 5: 72-inch reinforced concrete gravity drainage pipe or culvert through the levee, 31.6 feet below the crown. Slide gate on each end. (Retention of five 72-inch pipes through the levee [HLM 0.08] authorized under Automatic Board Order (ABO) issued as Permit No. 9736, 1974 - Reclamation District No. 108 [RD0108]). [Additional Reference(s): DWR Levee Log, 1991, (HLM 0.08). USACE Sacramento O&M Manual 132, October 1959, (HLM 0.08), referenced as five 6-foot by 8-foot concrete drainage culverts].
 FS Date: 10/2/2019 7:59:18 AM

Photo 1 of 3 : UCIP_FA_2021_55922_83228.jpg



View of concrete structure located on landward side

* 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 - Fall 2021

Reclamation District No. 0108 River Farms

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Colusa Basin Drain	Left	20.64	09/10/2021 09/10/2021	Zach Jojola

LM Start	0.06	Rating **	M	Issue No.	25 (cont)
LM End	0.06	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		38.822897 °	38.822897 °	
			-121.797000 °	-121.797000 °	
DWR ID	22388				

Photo 2 of 3 : UCIP_FA_2021_55922_83229.jpg



Concrete structure located on waterward side

LM Start	0.06	Rating **	M	Issue No.	25 (cont)
LM End	0.06	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_FA_2021_55922_83230.jpg



Slide gates on waterward side

* 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 - Fall 2021

Reclamation District No. 0108 River Farms

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Colusa Basin Drain	Left	20.64	09/10/2021 09/10/2021	Zach Jojola

LM Start	0.07	Rating **	M	Issue No.	26	
LM End	0.07	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			38.822954 °	38.822954 °	
				-121.797135 °	-121.797135 °	
DWR ID	22389					
Comment Code						
Inspector Comment						
DS_ID:22389 FS_ID:55923 EP_NO: 9396 Repair Type: Non-Urgent EVAL Issue: Unauthorized Encroachment, installed decades prior Crossing Status: Found UCIP Comments: 10/2/2019 Record remains Non-Urgent. In 2019 RD 108 took an attempt to bring structure to operable condition. Although this attempt was unsuccessful District will review other options. In the meantime crossing considered abandoned. Need to have CVFPB review ABO and determine current owner. (O.Yakimov - DWR UCIP)06/10/2014 Need to contact owner to determine status of structure. Notes indicate crossing has been abandoned. Owner will need to coordinate with CVFPB and DWR inspector to determine how to properly abandon. (O.Magana - DWR UCIP) FIELD_STRUCT_DESC: *ABANDONED* 5 of 5: 72-inch reinforced concrete gravity drainage pipe or culvert through the levee, 31.6 feet below the crown. Slide gate on each end. (Retention of five 72-inch pipes through the levee [HLM 0.08] authorized under Automatic Board Order (ABO) issued as Permit No. 9736, 1974 - Reclamation District No. 108 [RD0108]). [Additional Reference(s): DWR Levee Log, 1991. USACE Sacramento O&M Manual 132, October 1959, (HLM 0.08), referenced as five 6-foot by 8-foot concrete drainage culverts]. FS Date: 10/2/2019 8:01:09 AM						

LM Start	0.07	Rating **	M	Issue No.	26 (cont)
LM End	0.07	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_FA_2021_55923_83231.jpg



View of concrete structure located on landward side

Photo 2 of 3 : UCIP_FA_2021_55923_83232.jpg



Slide gates on waterward side

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

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2021

Reclamation District No. 0108 River Farms

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Colusa Basin Drain	Left	20.64	09/10/2021 09/10/2021	Zach Jojola

LM Start	0.07	Rating **	M	Issue No.	26 (cont)
LM End	0.07	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.822954 °	38.822954 °
				-121.797135 °	-121.797135 °
DWR ID	22389				

Photo 3 of 3 : UCIP_FA_2021_55923_83233.jpg



Concrete structure located on waterward side

LM Start	0.39	Rating **	M	Issue No.	27
LM End	0.39	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.824795 °	38.824795 °
				-121.802591 °	-121.802591 °
DWR ID	18662				

Comment Code

Inspector Comment

DS_ID:18662
 FS_ID:55924
 EP_NO: 2283
 Repair Type: Non-Urgent
 EVAL Issue: Safety Issue
 Crossing Status: Not Found
 UCIP Comments: 10/2/2019 Record updated to Non-Urgent. No inspection records were available to determine status of line through the levee. Crossing not found. Proper gas line markers should be installed on both sides of levee to identify crossing. (O.Yakimov - DWR UCIP)
 FIELD_STRUCT_DESC: 4-inch steel natural gas pipeline through the back borrow pit levee of Reclamation District No. 108 (RD0108), at an unknown depth. (Plans for installation of a 4-inch pipeline through the back borrow pit levee of RD0108 authorized under Permit No. 2283, 1956 - Yolo County Sales Company).
 FS Date: 10/2/2019 8:06:18 AM

Photo 1 of 2 : UCIP_FA_2021_55924_83234.jpg



View of WS at potential crossing looking from levee crown

* 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 - Fall 2021

Reclamation District No. 0108 River Farms

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Colusa Basin Drain	Left	20.64	09/10/2021 09/10/2021	Zach Jojola

LM Start	0.39	Rating **	M	Issue No.	27 (cont)
LM End	0.39	Issue Type +	En	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		38.824795 °	38.824795 °	
			-121.802591 °	-121.802591 °	
DWR ID	18662				

Photo 2 of 2 : UCIP_FA_2021_55924_83235.jpg



View of LS at potential crossing looking from levee crown

LM Start	1.49	Rating **	M	Issue No.	17
LM End	1.51	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.830951 °	38.831043 °
				-121.821574 °	-121.821847 °
DWR ID	DWR_RD0108_01_s_2020_17				
Comment Code					
S1 : Repair slope instability.					
Inspector Comment					
There appears to be a 150' sloughing section that is a result of February 2019 storms. This site will be repaired by the USACE under PL84-99. There are minor new cracks forming adjacent to the sloughing.					

Photo 1 of 1 : FA_2021_RD0108_203_17_20210910_00037.jpg



View of sloughing on landside slope. Fall 2021.

LM Start	2.70	Rating **	M	Issue No.	15
LM End	2.73	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.837568 °	38.837749 °
				-121.842218 °	-121.842776 °
DWR ID	DWR_RD0108_01_s_2019_15				
Comment Code					
S1 : Repair slope instability.					
Inspector Comment					
There appears to be a 150' sloughing section that is a result of February 2019 storms. This site will be repaired by the USACE under PL84-99					

Photo 1 of 1 : FA_2021_RD0108_203_15_20210910_00038.jpg



View of sloughing on landside slope. Fall 2021.

* 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 - Fall 2021

Reclamation District No. 0108 River Farms

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Colusa Basin Drain	Left	20.64	09/10/2021 09/10/2021	Zach Jojola

LM Start	2.91	Rating **	M	Issue No.	28	
LM End	2.91	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP Field Study			38.838696 °	38.838696 °	
				-121.845843 °	-121.845843 °	
DWR ID	24875					
Comment Code						
Inspector Comment						
DS_ID:24875 FS_ID:55925 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Unauthorized Encroachment Crossing Status: Indicator Found UCIP Comments: 10/2/2019 Record remains Non-Urgent. Geophysical results did not confirm presence of pipe through levee. Abandoned crossing. Needs to be removed or abandoned properly. (O.Yakimov - DWR UCIP)03/18/2014 No signs of pipe visible--need to contact owner to obtain permit number authorizing work. If crossing is no longer used by owner, the owner will need to coordinate with DWR Inspector and CVFPB to remove crossing according to Title 23 requirements. Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure. (O.Magana - DWR UCIP) FIELD_STRUCT_DESC: 44-inch corrugated metal pipe (CMP) riser on the waterside (WS). Riser is filled with trash and debris. Unable to determine if a crossing exists at this location. This riser was field discovered. FS Date: 10/2/2019 8:10:23 AM						

LM Start	2.91	Rating **	M	Issue No.	28 (cont)
LM End	2.91	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP_FA_2021_55925_83236.jpg



View of levee crown at the crossing

Photo 2 of 3 : UCIP_FA_2021_55925_83237.jpg



View of WS looking from levee crown

* 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 - Fall 2021

Reclamation District No. 0108 River Farms

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Colusa Basin Drain	Left	20.64	09/10/2021 09/10/2021	Zach Jojola

LM Start	2.91	Rating **	M	Issue No.	28 (cont)
LM End	2.91	Issue Type +	En	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		38.838696 °	38.838696 °	
			-121.845843 °	-121.845843 °	
DWR ID	24875				

Photo 3 of 3 : UCIP_FA_2021_55925_83238.jpg



View of LS looking from levee crown

LM Start	9.66	Rating **	M	Issue No.	16
LM End	9.66	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.902691 °	38.902691 °
				-121.914645 °	-121.914645 °
DWR ID	DWR_RD0108_01_f_2016_16				
Comment Code					
ST : Stairway					
Inspector Comment					
Department of Fish and Game staff is using a stairway to access their monitoring site. Unable to verify if a permit exists.					

Photo 1 of 1 : FA_2021_RD0108_203_16_20210907_00003.jpg



View of stairway look upstream. Fall 2018.

* 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 - Fall 2021

Reclamation District No. 0108 River Farms

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Colusa Basin Drain	Left	20.64	09/10/2021 09/10/2021	Zach Jojola

LM Start	11.24	Rating **	M	Issue No.	29	
LM End	11.24	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP Field Study			38.925662 °	38.925662 °	
				-121.914303 °	-121.914303 °	
DWR ID	24876					
Comment Code						
Inspector Comment						
DS_ID:24876						
FS_ID:55926						
EP_NO: N/A						
Repair Type: Non-Urgent						
EVAL Issue: Safety Issue						
Crossing Status: Indicator Found						
UCIP Comments: 10/2/2019 Record remains Non-Urgent. No inspection records were available to determine status of line through the levee. Permit is not available for this crossing. (O.Yakimov - DWR UCIP)03/18/2014 Need to contact owner to determine additional details of crossing (O.Magana - DWR UCIP)						
FIELD_STRUCT_DESC: Natural gas pipeline of an unknown size or material slightly angled through the levee, at an unknown depth. Markers on both sides of the levee. Gas station located across the canal on the landside (LS). This crossing was field discovered.						
FS Date: 10/2/2019 8:17:59 AM						

LM Start	11.24	Rating **	M	Issue No.	29 (cont)
LM End	11.24	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP_FA_2021_55926_83243.jpg



View of levee crown at the crossing

Photo 2 of 3 : UCIP_FA_2021_55926_83244.jpg



View of WS looking from levee crown. Gas line marker installed on levee shoulder

* 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 - Fall 2021

Reclamation District No. 0108 River Farms

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Colusa Basin Drain	Left	20.64	09/10/2021 09/10/2021	Zach Jojola

LM Start	11.24	Rating **	M	Issue No.	29 (cont)
LM End	11.24	Issue Type +	En	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		38.925662 °	38.925662 °	
			-121.914303 °	-121.914303 °	
DWR ID	24876				

Photo 3 of 3 : UCIP_FA_2021_55926_83245.jpg



View of LS looking from levee crown. Gas line marker installed on levee shoulder. PG&E facility on LS

LM Start	14.49	Rating **	A/W	Issue No.	20
LM End	14.49	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Cracking			38.967259 °	38.967259 °
				-121.923417 °	-121.923417 °
DWR ID	DWR_RD0108_01_f_2021_20				
Comment Code					
CR1 : Monitor and have inspected by geotechnical engineer.					
Inspector Comment					
Approximately 50' of desiccation cracking on the landside hinge point. Appears to be stable. Recommend monitoring.					

Photo 1 of 1 : FA_2021_RD0108_203_20_20210910_00039.jpg



View of cracking on landside slope. Fall 2021.

LM Start	14.57	Rating **	A/W	Issue No.	21
LM End	14.59	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Cracking			38.968018 °	38.968197 °
				-121.924498 °	-121.924735 °
DWR ID	DWR_RD0108_01_f_2021_21				
Comment Code					
CR1 : Monitor and have inspected by geotechnical engineer.					
Inspector Comment					
Approximately 120' of desiccation cracking on the landside hinge point. Appears to be stable. Recommend monitoring.					

Photo 1 of 1 : FA_2021_RD0108_203_21_20210910_00040.jpg



View of cracking on the landside slope. Fall 2021.

* 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 - Fall 2021

Reclamation District No. 0108 River Farms

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Colusa Basin Drain	Left	20.64	09/10/2021 09/10/2021	Zach Jojola

LM Start	14.94	Rating **	M	Issue No.	30
LM End	14.94	Issue Type +	En	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		38.971607 °	38.971607 °	
			-121.929499 °	-121.929499 °	
DWR ID	17942				

Comment Code

Inspector Comment

DS_ID:17942
FS_ID:55927
EP_NO: 3800
Repair Type: Non-Urgent
EVAL Issue: Safety Issue
Crossing Status: Indicator Found
UCIP Comments: 10/2/2019 Record remains Non-Urgent. No inspection records were available to determine status of line through the levee. Gas line marker not installed on WS. (O.Yakimov - DWR UCIP)06/10/2014 Need to contact owner--marker missing on waterward side.
FIELD_STRUCT_DESC: 20-inch concrete encased steel natural gas pipeline through the levee, 3 feet below the crown. Crossing appears to be angled through the levee. Small rock revetment on the waterside (WS) slope, unable to locate. Gas well approximately 1000 feet off the landside (LS) toe. (Plans to construct and maintain a 20-inch gas line across the Sacramento River authorized under Permit No. 3800, 1961 - Pacific Gas and Electric Company [PG&E]). [Additional Reference(s): DWR Levee Log, 1991, (HLM 14.90)].
FS Date: 10/2/2019 8:22:46 AM

LM Start	14.94	Rating **	M	Issue No.	30 (cont)
LM End	14.94	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP_FA_2021_55927_83246.jpg



View of levee crown at the crossing

Photo 2 of 3 : UCIP_FA_2021_55927_83247.jpg



Marker visible on landward side

* 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 - Fall 2021

Reclamation District No. 0108 River Farms

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Colusa Basin Drain	Left	20.64	09/10/2021 09/10/2021	Zach Jojola

LM Start	14.94	Rating **	M	Issue No.	30 (cont)
LM End	14.94	Issue Type +	En	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		38.971607 °	38.971607 °	
			-121.929499 °	-121.929499 °	
DWR ID	17942				

Photo 3 of 3 : UCIP_FA_2021_55927_83248.jpg



View of waterward side. No marker visible on waterward side

LM Start	18.73	Rating **	M	Issue No.	31
LM End	18.73	Issue Type +	En	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		39.011025 °	39.011025 °	
			-121.978434 °	-121.978434 °	
DWR ID	17940				

Comment Code

Inspector Comment

DS_ID:17940
 FS_ID:55933
 EP_NO: 9399
 Repair Type: Non-Urgent
 EVAL Issue: Geophysical Evaluation (Not Confirmed)
 Crossing Status: Indicator Found
 UCIP Comments: 10/2/2019 Record updated to Non-Urgent.
 Geophysical results did not confirm presence of pipe through levee. No permit has been identified authorizing pipe. Need to have CVFPB review ABO and determine current owner. Disrupted concrete pile structure observed in riverbank that may belong to this crossing. Grouted 24-inch pipe hole is visible inside of concrete distribution box at the landside toe. Unable to confirm proper abandonment. Updated lat/long. (O.Yakimov - DWR UCIP)
 FIELD_STRUCT_DESC: 24-inch steel gravity drainage pipe through the levee, 15 feet below the crown. Pipe is open in a concrete distribution box at the landside (LS) toe. Intake trash rack structure in channel. (Retention of a 24-inch steel pipe through the levee, 15 feet below the crown, a concrete distribution box, and an intake trash rack authorized under Automatic Board Order (ABO) issued as Permit No. 9399, 1974 - Aileen B. Armstrong, Trustee, care of O. M. Durst Jr.). [Additional Reference(s): DWR Levee Log, 1991, (HLM 18.67). USACE Sacramento O&M Manual 132, October 1959, (HLM 18.55)].
 FS Date: 10/2/2019 11:10:08 AM

Photo 1 of 3 : UCIP_FA_2021_55933_83271.jpg



View of LS looking from levee crown

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

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2021

Reclamation District No. 0108 River Farms

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Colusa Basin Drain	Left	20.64	09/10/2021 09/10/2021	Zach Jojola

LM Start	18.73	Rating **	M	Issue No.	31 (cont)
LM End	18.73	Issue Type +	En	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		39.011025 °	39.011025 °	
			-121.978434 °	-121.978434 °	
DWR ID	17940				

Photo 2 of 3 : UCIP_FA_2021_55933_83272.jpg



View of WS looking from levee crown

LM Start	18.73	Rating **	M	Issue No.	31 (cont)
LM End	18.73	Issue Type +	En	Location *	

Photo 3 of 3 : UCIP_FA_2021_55933_83270.jpg



Ruined intake trash rack structure in channel

* 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 - Fall 2021

Reclamation District No. 0108 River Farms

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Colusa Basin Drain	Left	20.64	09/10/2021 09/10/2021	Zach Jojola

LM Start	18.73	Rating **	M	Issue No.	32
LM End	18.73	Issue Type +	En	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		39.011044 °	39.011044 °	
			-121.978446 °	-121.978446 °	
DWR ID	18659				

Comment Code

Inspector Comment

DS_ID:18659
FS_ID:55932
EP_NO: N/A
Repair Type: Non-Urgent
EVAL Issue: Unauthorized Encroachment, installed decades prior
Crossing Status: Indicator Found
UCIP Comments: 10/2/2019 Record updated to Non-Urgent. No permit has been identified authorizing pipe. Disrupted concrete pile structure observed in riverbank that may belong to this crossing. Grouted 18-inch pipe hole is visible inside of concrete distribution box at the landside toe. Unable to confirm proper abandonment. Coordinates updated. (O.Yakimov - DWR UCIP)
FIELD_STRUCT_DESC: 18-inch corrugated metal gravity drainage pipe through the levee, invert elevation 27.4 feet. Pipe hole immured at the landward toe in concrete distribution box. Ruined intake trash rack structure in channel. [Additional Reference(s): USACE Sacramento O&M Manual 132, October 1959, (HLM 18.55)].
FS Date: 10/2/2019 11:08:25 AM

LM Start	18.73	Rating **	M	Issue No.	32 (cont)
LM End	18.73	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP_FA_2021_55932_83441.jpg



LS view looking from levee crown

Photo 2 of 3 : UCIP_FA_2021_55932_83442.jpg



View inside of concrete box on LS

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

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2021

Reclamation District No. 0108 River Farms

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Colusa Basin Drain	Left	20.64	09/10/2021 09/10/2021	Zach Jojola

LM Start	18.73	Rating **	M	Issue No.	32 (cont)
LM End	18.73	Issue Type +	En	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		39.011044 °	39.011044 °	
			-121.978446 °	-121.978446 °	
DWR ID	18659				

Photo 3 of 3 : UCIP_FA_2021_55932_83440.jpg



Grouted holes of 2 pipes towards levee in concrete box on LS

LM Start	18.92	Rating **	M	Issue No.	6
LM End	19.28	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			39.013160 °	39.017000 °
				-121.980808 °	-121.985364 °
DWR ID	DWR_RD0108_01_s_2012_6				
Comment Code					
DT : Ditch					
Inspector Comment					
A ditch is located at the toe of the levee.					

Photo 1 of 1 : FA_2021_RD0108_203_6_20210907_00001.jpg



View of the ditch at the toe of the levee on the landward side looking upstream. Spring 2016.

* 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 - Fall 2021

Reclamation District No. 0108 River Farms

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Colusa Basin Drain	Left	20.64	09/10/2021 09/10/2021	Zach Jojola

LM Start	19.27	Rating **	M	Issue No.	13
LM End	19.35	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2018 USACE Erosion Survey			39.016727 °	39.017516 °
				-121.985411 °	-121.986374 °
DWR ID					
Comment Code					
Inspector Comment					
2018 Site ID: CBD 19.2 L					
Status: Eroding					
2018 Field Notes: Last observed in 2011. Access issues prevented inspection in 2017.					
Site History: 2011 - Toe scour at the bottom of a steep bank, large sections of the toe are sliding down. Erosion may be due to the upstream bend.					

No Photos

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

Reclamation District No. 0108 River Farms

Waterway			Bank	Unit Miles
Unit No. 02 Castle Properties			Right	0.28
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			A	
Date of Inspection	3/17/2021 - 3/17/2021		9/7/2021 - 9/7/2021	
DWR Inspector	Zach Jojola		Zach Jojola	
Accompanied By	Gary Marler RD 108		Gary Marler RD 108	

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 - Fall 2021

Reclamation District No. 0108 River Farms

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Castle Properties	Right	0.28	09/07/2021 09/07/2021	Zach Jojola

LM Start	0.21	Rating **	A	Issue No.	1
LM End	0.21	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.798461 °	38.798461 °
				-121.725305 °	-121.725305 °
DWR ID	DWR_RD0108_02_f_2021_1				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
The LMA maintains the vegetation at a high level.					

Photo 1 of 1 : FA_2021_RD0108_590_1_20210907_00001.jpg



View of maintained landside slope. Fall 2021.

* 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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