

**Flood Control Project Maintenance
Levee Inspections**

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

Reclamation District No. 0108 River Farms

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Colusa Basin Drain	Left	20.64	10/11/2017 10/11/2017	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

* 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 Colusa Basin Drain	Left	20.64	10/11/2017 10/11/2017	Zach Jojola

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

LM Start	0.06	Rating **	M	Issue No.	36
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					
Comment Code					
Inspector Comment					
FS_ID:37608 DS_ID:17943 EP_NO: 9396 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 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. FIELD_STRUCT_DESC: *ABANDONED* 1 of 5. 72-inch pipes or culvert through levee 31.6 feet below crown. Slide gates on both ends. (five 72-inch pipes [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, 2005. USACE Sacramento O&M Manual Unit No. 132, October 1959, (HLM 0.08), referenced as five 6-foot by 8-foot concrete culvert drains]. FS Date: 6/10/2014					

Photo 1 of 3 : UCIP_FA_2017_37608_68207.jpg



View of concrete structure visible on waterward 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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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Colusa Basin Drain	Left	20.64	10/11/2017 10/11/2017	Zach Jojola

LM Start	0.06	Rating **	M	Issue No.	36 (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					

Comment Code

Inspector Comment

FS_ID:37608
DS_ID:17943
EP_NO: 9396
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 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.
FIELD_STRUCT_DESC: *ABANDONED* 1 of 5. 72-inch pipes or culvert through levee 31.6 feet below crown. Slide gates on both ends. (five 72-inch pipes [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, 2005. USACE Sacramento O&M Manual Unit No. 132, October 1959, (HLM 0.08), referenced as five 6-foot by 8-foot concrete culvert drains].
FS Date: 6/10/2014

LM Start	0.06	Rating **	M	Issue No.	36 (cont)
LM End	0.06	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_FA_2017_37608_68210.jpg



Dense vegetation on waterward side.

Photo 3 of 3 : UCIP_FA_2017_37608_68208.jpg



View of concrete structure visible on landward 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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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Colusa Basin Drain	Left	20.64	10/11/2017 10/11/2017	Zach Jojola

LM Start	0.06	Rating **	M	Issue No.	37
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					

Comment Code

Inspector Comment

FS_ID:37609
DS_ID:22386
EP_NO: 9396
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 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.
FIELD_STRUCT_DESC: *ABANDONED* 2 of 5. 72-inch pipes or culvert through levee 31.6 feet below crown. Slide gates on both ends. (five 72-inch pipes [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, 2005. USACE Sacramento O&M Manual Unit No. 132, October 1959, (HLM 0.08), referenced as five 6-foot by 8-foot concrete culvert drains].
FS Date: 6/10/2014

LM Start	0.06	Rating **	M	Issue No.	37 (cont)
LM End	0.06	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_FA_2017_37609_68211.jpg



Concrete structure located on waterward side.

Photo 2 of 3 : UCIP_FA_2017_37609_68215.jpg



Dense vegetation covers the waterward 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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Reclamation District No. 0108 River Farms

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Colusa Basin Drain	Left	20.64	10/11/2017 10/11/2017	Zach Jojola

LM Start	0.06	Rating **	M	Issue No.	38 (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						
Comment Code						
Inspector Comment						
FS_ID:37610 DS_ID:22387 EP_NO: 9396 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 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. FIELD_STRUCT_DESC: *ABANDONED* 3 of 5. 72-inch pipes or culvert through levee 31.6 feet below crown. Slide gates on both ends. (five 72-inch pipes [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, 2005. USACE Sacramento O&M Manual Unit No. 132, October 1959, (HLM 0.08), referenced as five 6-foot by 8-foot concrete culvert drains]. FS Date: 6/10/2014						

Photo 3 of 3 : UCIP_FA_2017_37610_68217.jpg



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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Reclamation District No. 0108 River Farms

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Colusa Basin Drain	Left	20.64	10/11/2017 10/11/2017	Zach Jojola

LM Start	0.06	Rating **	M	Issue No.	39
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					

Comment Code

Inspector Comment

FS_ID:37611
DS_ID:22388
EP_NO: 9396
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 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.
FIELD_STRUCT_DESC: *ABANDONED* 4 of 5. 72-inch pipes or culvert through levee 31.6 feet below crown. Slide gates on both ends. (five 72-inch pipes [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, 2005. USACE Sacramento O&M Manual Unit No. 132, October 1959, (HLM 0.08), referenced as five 6-foot by 8-foot concrete culvert drains].
FS Date: 6/10/2014

LM Start	0.06	Rating **	M	Issue No.	39 (cont)
LM End	0.06	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_FA_2017_37611_68220.jpg



Concrete structure located on waterward side.

Photo 2 of 3 : UCIP_FA_2017_37611_68224.jpg



Waterward slope covered by dense vegetation.

* 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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Reclamation District No. 0108 River Farms

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Colusa Basin Drain	Left	20.64	10/11/2017 10/11/2017	Zach Jojola

LM Start	0.06	Rating **	M	Issue No.	39 (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						
Comment Code						
Inspector Comment						
FS_ID:37611 DS_ID:22388 EP_NO: 9396 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 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. FIELD_STRUCT_DESC: *ABANDONED* 4 of 5. 72-inch pipes or culvert through levee 31.6 feet below crown. Slide gates on both ends. (five 72-inch pipes [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, 2005. USACE Sacramento O&M Manual Unit No. 132, October 1959, (HLM 0.08), referenced as five 6-foot by 8-foot concrete culvert drains]. FS Date: 6/10/2014						

Photo 3 of 3 : UCIP_FA_2017_37611_68222.jpg



Concrete structure 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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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Colusa Basin Drain	Left	20.64	10/11/2017 10/11/2017	Zach Jojola

LM Start	1.93	Rating **	C	Issue No.	27
LM End	1.97	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.833274 °	38.833486 °
				-121.829056 °	-121.829696 °
DWR ID	DWR_RD0108_01_s_2017_27				
Comment Code					
S1 : Repair slope instability.					
Inspector Comment					
150' sloughing section on crown and landside levee slope during 2017 storm events. Repaired as of inspection date.					

No Photos

LM Start	2.99	Rating **	M	Issue No.	34
LM End	2.99	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.839151 °	38.839151 °
				-121.847321 °	-121.847321 °
DWR ID	DWR_RD0108_01_f_2017_34				
Comment Code					
GA : Garbage					
Inspector Comment					

No Photos

LM Start	3.65	Rating **	C	Issue No.	23
LM End	3.65	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.842620 °	38.842620 °
				-121.858732 °	-121.858732 °
DWR ID	DWR_RD0108_01_f_2015_23				
Comment Code					
DE : Debris					
Inspector Comment					

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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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Colusa Basin Drain	Left	20.64	10/11/2017 10/11/2017	Zach Jojola

LM Start	4.16	Rating **	A/W	Issue No.	15
LM End	4.20	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2017 Storm Damage			38.843700 °	38.843780 °
				-121.867990 °	-121.868650 °
DWR ID	DWR_RD0108_01_f_2017_15				
Comment Code					
Inspector Comment					
Levee Evaluation Comments					
Description:					
Site ID No:208					
Site Designation:FSRP-15-28					
Repair Type: Stability					
Rating:Area of Concern					
Field Date:8/28/2017					
Notes: no new damage this year. Historical slope stability. Continue to monitor.					

No Photos

LM Start	8.27	Rating **	C	Issue No.	26
LM End	8.27	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Cracking			38.882595 °	38.882595 °
				-121.914669 °	-121.914669 °
DWR ID	DWR_RD0108_01_f_2015_26				
Comment Code					
CR1 : Monitor and have inspected by geotechnical engineer.					
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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Reclamation District No. 0108 River Farms

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Colusa Basin Drain	Left	20.64	10/11/2017 10/11/2017	Zach Jojola

LM Start	9.17	Rating **	A/W	Issue No.	10
LM End	9.20	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.895605 °	38.896086 °
				-121.914645 °	-121.914646 °
DWR ID	DWR_RD0108_01_s_2017_10				
Comment Code					
S1 : Repair slope instability.					
Inspector Comment					
200' section of multiple sloughs. District submitted request for PL 84-99 assistance.					

Photo 1 of 1 : FA_2017_RD0108_203_10_20170911_00002.jpg



View of sloughing on waterside slope. Spring 2017.

LM Start	9.18	Rating **	A/W	Issue No.	17	
LM End	9.20	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	2017 Storm Damage			38.895833	°	38.896142
				-121.914672		°
DWR ID	DWR_RD0108_01_f_2017_17					
Comment Code						
Inspector Comment						
Levee Evaluation Comments						
Description:						
Site ID No:220						
Site Designation:RD 108-05						
Repair Type: Erosion						
Rating:Critical						
Field Date:7/18/2017						
Notes:						

Photo 1 of 3 : LEVAL_FA_2017_220_1418.jpg



* 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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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Colusa Basin Drain	Left	20.64	10/11/2017 10/11/2017	Zach Jojola

LM Start	9.18	Rating **	A/W	Issue No.	17 (cont)	
LM End	9.20	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	2017 Storm Damage			38.895833 °	38.896142 °	
				-121.914672 °	-121.914445 °	
DWR ID	DWR_RD0108_01_f_2017_17					
Comment Code						
Inspector Comment						
Levee Evaluation Comments						
Description:						
Site ID No:220						
Site Designation:RD 108-05						
Repair Type: Erosion						
Rating:Critical						
Field Date:7/18/2017						
Notes:						

Photo 2 of 3 : LEVAL_FA_2017_220_1428.jpg



LM Start	9.18	Rating **	A/W	Issue No.	17 (cont)
LM End	9.20	Issue Type +	Ma	Location *	

Photo 3 of 3 : LEVAL_FA_2017_220_1433.jpg



* 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 Colusa Basin Drain	Left	20.64	10/11/2017 10/11/2017	Zach Jojola

LM Start	9.29	Rating **	A/W	Issue No.	18	
LM End	9.30	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	2017 Storm Damage			38.897338 °	38.897583 °	
				-121.914672 °	-121.914688 °	
DWR ID	DWR_RD0108_01_f_2017_18					
Comment Code						
Inspector Comment						
Levee Evaluation Comments						
Description:						
Site ID No:219						
Site Designation:RD 108-04						
Repair Type: Erosion						
Rating:Critical						
Field Date:7/18/2017						
Notes:						

Photo 1 of 3 : LEVAL_FA_2017_219_1442.jpg



LM Start	9.29	Rating **	A/W	Issue No.	18 (cont)
LM End	9.30	Issue Type +	Ma	Location *	

Photo 2 of 3 : LEVAL_FA_2017_219_1443.jpg



* 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 Colusa Basin Drain	Left	20.64	10/11/2017 10/11/2017	Zach Jojola

LM Start	9.29	Rating **	A/W	Issue No.	18 (cont)	
LM End	9.30	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	2017 Storm Damage			38.897338	°	38.897583
				-121.914672	°	-121.914688
DWR ID	DWR_RD0108_01_f_2017_18					
Comment Code						
Inspector Comment						
Levee Evaluation Comments						
Description:						
Site ID No:219						
Site Designation:RD 108-04						
Repair Type: Erosion						
Rating:Critical						
Field Date:7/18/2017						
Notes:						

Photo 3 of 3 : LEVAL_FA_2017_219_1450.jpg



LM Start	9.30	Rating **	A/W	Issue No.	31
LM End	9.30	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.897494 °	38.897494 °
				-121.914680 °	-121.914680 °
DWR ID	DWR_RD0108_01_s_2017_31				
Comment Code					
S1 : Repair slope instability.					
Inspector Comment					
100' sloughing section on waterside slope. District submitted application for PL 84-99 assistance.					

Photo 1 of 1 : FA_2017_RD0108_203_31_20170911_00011.jpg



View of sloughing on waterside slope. Spring 2017.

* 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 Colusa Basin Drain	Left	20.64	10/11/2017 10/11/2017	Zach Jojola

LM Start	9.91	Rating **	M	Issue No.	30
LM End	9.91	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.906419 °	38.906419 °	
			-121.914671 °	-121.914671 °	
DWR ID	DWR_RD0108_01_f_2017_30				
Comment Code					
TR : Tree or limb					
Inspector Comment					
Fallen tree on waterside slope.					

No Photos

LM Start	12.68	Rating **	A/W	Issue No.	19
LM End	12.70	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	2017 Storm Damage		38.945305 °	38.945717 °	
			-121.906692 °	-121.906717 °	
DWR ID	DWR_RD0108_01_f_2017_19				
Comment Code					
Inspector Comment					
Levee Evaluation Comments					
Description:					
Site ID No:218					
Site Designation:RD 108-03					
Repair Type: Erosion					
Rating:Critical					
Field Date:7/18/2017					
Notes: levee crown is inaccessible by vehicle due to crown slip failure					

Photo 1 of 3 : LEVAL_FA_2017_218_1466.jpg



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

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

Reclamation District No. 0108 River Farms

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Colusa Basin Drain	Left	20.64	10/11/2017 10/11/2017	Zach Jojola

LM Start	12.68	Rating **	A/W	Issue No.	19 (cont)
LM End	12.70	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	2017 Storm Damage		38.945305 °	38.945717 °	
			-121.906692 °	-121.906717 °	

DWR ID DWR_RD0108_01_f_2017_19

Comment Code

Inspector Comment

Levee Evaluation Comments

Description:

Site ID No:218

Site Designation:RD 108-03

Repair Type: Erosion

Rating:Critical

Field Date:7/18/2017

Notes: levee crown is inaccessible by vehicle due to crown slip failure

LM Start	12.68	Rating **	A/W	Issue No.	19 (cont)
LM End	12.70	Issue Type +	Ma	Location *	

Photo 2 of 3 : LEVAL_FA_2017_218_1467.jpg



Photo 3 of 3 : LEVAL_FA_2017_218_1473.jpg



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

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

Reclamation District No. 0108 River Farms

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Colusa Basin Drain	Left	20.64	10/11/2017 10/11/2017	Zach Jojola

LM Start	12.68	Rating **	A/W	Issue No.	32
LM End	12.71	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.945376 °	38.945719 °
				-121.906768 °	-121.906773 °
DWR ID	DWR_RD0108_01_s_2017_32				
Comment Code					
S1 : Repair slope instability.					
Inspector Comment					
150' sloughing section on crown and landside slope. District submitted an application for PL 84-99 assistance.					

Photo 1 of 2 : FA_2017_RD0108_203_32_20170911_00012.jpg



View of sloughing on crown and slope. Spring 2017.

LM Start	12.68	Rating **	A/W	Issue No.	32 (cont)
LM End	12.71	Issue Type +	Ma	Location *	LS

Photo 2 of 2 : FA_2017_RD0108_203_32_20170911_00013.jpg



Additional view of sloughing. Spring 2017.

LM Start	14.42	Rating **	A/W	Issue No.	28
LM End	14.42	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.966547 °	38.966547 °
				-121.922360 °	-121.922360 °
DWR ID	DWR_RD0108_01_f_2017_28				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					
Small squirrel holes on landside slope. Recommend monitoring for future activity.					

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**

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

Reclamation District No. 0108 River Farms

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Colusa Basin Drain	Left	20.64	10/11/2017 10/11/2017	Zach Jojola

LM Start	14.47	Rating **	A/W	Issue No.	20
LM End	14.55	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2017 Storm Damage			38.967062 °	38.967770 °
				-121.923103 °	-121.924178 °
DWR ID	DWR_RD0108_01_f_2017_20				
Comment Code					
Inspector Comment					
Levee Evaluation Comments					
Description:					
Site ID No:217					
Site Designation:RD 108-02					
Repair Type: Erosion					
Rating:Critical					
Field Date:7/18/2017					
Notes:					

Photo 1 of 3 : LEVAL_FA_2017_217_1489.jpg



LM Start	14.47	Rating **	A/W	Issue No.	20 (cont)
LM End	14.55	Issue Type +	Ma	Location *	

Photo 2 of 3 : LEVAL_FA_2017_217_1493.jpg



* 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

**Flood Control Project Maintenance
Levee Inspections**

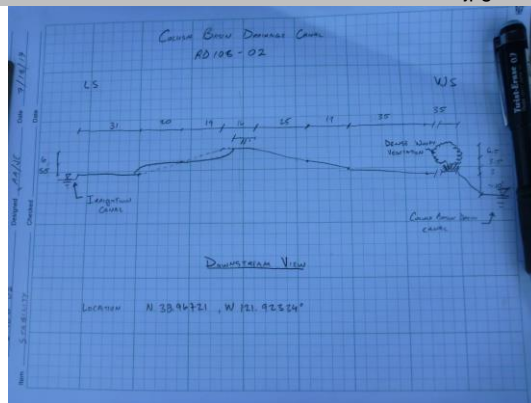
Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2017

Reclamation District No. 0108 River Farms

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Colusa Basin Drain	Left	20.64	10/11/2017 10/11/2017	Zach Jojola

LM Start	14.47	Rating **	A/W	Issue No.	20 (cont)	
LM End	14.55	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	2017 Storm Damage			38.967062	°	38.967770
				-121.923103	°	-121.924178
DWR ID	DWR_RD0108_01_f_2017_20					
Comment Code						
Inspector Comment						
Levee Evaluation Comments						
Description:						
Site ID No:217						
Site Designation:RD 108-02						
Repair Type: Erosion						
Rating:Critical						
Field Date:7/18/2017						
Notes:						

Photo 3 of 3 : LEVAL_FA_2017_217_1499.jpg



LM Start	14.47	Rating **	A/W	Issue No.	33
LM End	14.55	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.967062 °	38.967784 °
				-121.923113 °	-121.924148 °
DWR ID	DWR_RD0108_01_s_2017_33				
Comment Code					
S1 : Repair slope instability.					
Inspector Comment					
400' sloughing section on landside slope. District submitted an application for PL 84-99 assistance.					

Photo 1 of 1 : FA_2017_RD0108_203_33_20170911_00014.jpg



View of sloughing on landside slope. Spring 2017.

* 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**

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

Reclamation District No. 0108 River Farms

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Colusa Basin Drain	Left	20.64	10/11/2017 10/11/2017	Zach Jojola

LM Start	14.76	Rating **	C	Issue No.	21
LM End	14.76	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.969852 °	38.969852 °
				-121.927023 °	-121.927023 °
DWR ID	DWR_RD0108_01_s_2017_21				
Comment Code					
S1 : Repair slope instability.					
Inspector Comment					
100' slough section on landside slope from 2017 storm events. Repaired as of inspection date.					

No Photos

LM Start	17.26	Rating **	A/W	Issue No.	22
LM End	17.30	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2017 Storm Damage			38.995187 °	38.995772 °
				-121.960158 °	-121.960617 °
DWR ID	DWR_RD0108_01_f_2017_22				
Comment Code					
Inspector Comment					
Levee Evaluation Comments					
Description:					
Site ID No:216					
Site Designation:RD 108-01					
Repair Type: Erosion					
Rating:Serious					
Field Date:7/18/2017					
Notes:					

Photo 1 of 3 : LEVAL_FA_2017_216_1502.jpg



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

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

Reclamation District No. 0108 River Farms

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Colusa Basin Drain	Left	20.64	10/11/2017 10/11/2017	Zach Jojola

LM Start	17.26	Rating **	A/W	Issue No.	22 (cont)	
LM End	17.30	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	2017 Storm Damage			38.995187°	38.995772°	
				-121.960158°	-121.960617°	
DWR ID	DWR_RD0108_01_f_2017_22					
Comment Code						
Inspector Comment						
Levee Evaluation Comments						
Description:						
Site ID No:216						
Site Designation:RD 108-01						
Repair Type: Erosion						
Rating:Serious						
Field Date:7/18/2017						
Notes:						

LM Start	17.26	Rating **	A/W	Issue No.	22 (cont)
LM End	17.30	Issue Type +	Ma	Location *	

Photo 2 of 3 : LEVAL_FA_2017_216_1503.jpg



Photo 3 of 3 : LEVAL_FA_2017_216_1508.jpg



* 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

**Flood Control Project Maintenance
Levee Inspections**

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

Reclamation District No. 0108 River Farms

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Colusa Basin Drain	Left	20.64	10/11/2017 10/11/2017	Zach Jojola

LM Start	17.26	Rating **	A/W	Issue No.	35
LM End	17.31	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.995293 °	38.995785 °
				-121.960200 °	-121.960776 °
DWR ID	DWR_RD0108_01_s_2017_35				
Comment Code					
S1 : Repair slope instability.					
Inspector Comment					
200' sloughing section on landside slope. District submitted an application for PL 84-99 assistance.					

Photo 1 of 1 : FA_2017_RD0108_203_35_20170911_00015.jpg



View of sloughing on landside slope. Spring 2017.

LM Start	17.73	Rating **	M	Issue No.	24
LM End	17.73	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			39.000307 °	39.000307 °
				-121.966020 °	-121.966020 °
DWR ID	DWR_RD0108_01_f_2017_24				
Comment Code					
TR : Tree or limb					
Inspector Comment					
Fallen tree on waterside slope.					

No Photos

LM Start	18.24	Rating **	M	Issue No.	29
LM End	18.24	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			39.005766 °	39.005766 °
				-121.972346 °	-121.972346 °
DWR ID	DWR_RD0108_01_f_2015_29				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

Photo 1 of 2 : FA_2017_RD0108_203_29_20170911_00009.jpg



Updated view of a site with rodent activity. Fall 2016 inspection.

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

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

Reclamation District No. 0108 River Farms

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Castle Properties	Right	0.28	09/26/2017 09/26/2017	Zach Jojola

LM Start	0.02	Rating **	C	Issue No.	6
LM End	0.02	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Animal Control		38.796355 °	38.796355 °	
			-121.727721 °	-121.727721 °	
DWR ID	DWR_RD0108_02_f_2015_6				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

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