

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0787 Fair

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Colusa Basin Drain	Left	4.45	03/16/2018 03/16/2018	Zach Jojola

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_RD0787_01_s_2013_7				
Comment Code					
Inspector Comment					
RD 787 shares flood resources with RD 108 with a stockpile of flood response materials.					

No Photos

LM Start		Rating **	A	Issue No.	8
LM End		Issue Type +	Ma	Location *	N/A
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Operations & Maintenance Manuals			°	°
				°	°
DWR ID	DWR_RD0787_01_s_2013_8				
Comment Code					
Inspector Comment					
RD 787 is current with O&M manuals.					

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
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0787 Fair

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Colusa Basin Drain	Left	4.45	03/16/2018 03/16/2018	Zach Jojola

LM Start		Rating **	A	Issue No.	10
LM End		Issue Type +	Ma	Location *	N/A
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Flood Preparedness & Training				
DWR ID	DWR_RD0787_01_s_2012_10				
Comment Code					
Inspector Comment					
RD 787 works jointly with RD 108 on training and flood response.					

No Photos

LM Start	0.39	Rating **	A/W	Issue No.	1
LM End	0.50	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2015 USACE Erosion Survey, DRAFT			38.795931 °	38.795268 °
				-121.730627 °	-121.732566 °
DWR ID	DWR_RD0787_01_s_2016_1				
Comment Code					
Inspector Comment					
2011 - Large scallops throughout the entire reach. Toe scour due to tree pop-outs, resulting in a steepening slope. The reduced resistive forces plus clay levee may increase the loading. Additional erosion due to human use. 2015: Site is part of the extended inventory, last inspected 2011. [2015 Site ID: CBD_0-5_L]					

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
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0787 Fair

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Colusa Basin Drain	Left	4.45	03/16/2018 03/16/2018	Zach Jojola

LM Start	0.60	Rating **	M	Issue No.	20
LM End	0.60	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.795492 °	38.795492 °	
			-121.734410 °	-121.734410 °	
DWR ID	DWR_RD0787_01_f_2017_20				
Comment Code					
TR : Tree or limb					
Inspector Comment					
Fallen tree on waterside slope.					

No Photos

LM Start	0.67	Rating **	M	Issue No.	2
LM End	0.85	Issue Type +	Ma	Location *	WS
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	2015 USACE Erosion Survey, DRAFT		38.795486 °	38.796225 °	
			-121.735647 °	-121.738902 °	
DWR ID	DWR_RD0787_01_s_2016_2				
Comment Code					
Inspector Comment					
2011 - Large scallops throughout the entire reach. Toe scour due to tree pop-outs, resulting in a steepening slope. The reduced resistive forces plus clay levee may increase the loading. 2015: Site is part of the extended inventory, last inspected 2011. [2015 Site ID: CBD_0-9_L]					

No Photos

LM Start	0.71	Rating **	M	Issue No.	22
LM End	0.71	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.795685 °	38.795685 °	
			-121.736317 °	-121.736317 °	
DWR ID	DWR_RD0787_01_s_2018_22				
Comment Code					
PR : Prunings					
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
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0787 Fair

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Colusa Basin Drain	Left	4.45	03/16/2018 03/16/2018	Zach Jojola

LM Start	0.73	Rating **	M	Issue No.	4
LM End	0.86	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2017 Storm Damage			38.795769 °	38.796340 °
				-121.736798 °	-121.738956 °
DWR ID	DWR_RD0787_01_f_2017_4				
Comment Code					
Inspector Comment					
Levee Evaluation Comments					
Description:					
Site ID No:182					
Site Designation:RD 787-01					
Repair Type: Erosion					
Rating:Area of Concern					
Field Date:7/18/2017					
Notes: Sloughing from 2017 storms.					

LM Start	0.73	Rating **	M	Issue No.	4 (cont)
LM End	0.86	Issue Type +	Ma	Location *	

Photo 1 of 3 : LEVAL_SP_2018_182_1520.jpg



Photo 2 of 3 : LEVAL_SP_2018_182_1522.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 - Spring 2018

Reclamation District No. 0787 Fair

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Colusa Basin Drain	Left	4.45	03/16/2018 03/16/2018	Zach Jojola

LM Start	0.73	Rating **	M	Issue No.	4 (cont)	
LM End	0.86	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	2017 Storm Damage			38.795769 °	38.796340 °	
				-121.736798 °	-121.738956 °	
DWR ID	DWR_RD0787_01_f_2017_4					
Comment Code						
Inspector Comment						
Levee Evaluation Comments						
Description:						
Site ID No:182						
Site Designation:RD 787-01						
Repair Type: Erosion						
Rating:Area of Concern						
Field Date:7/18/2017						
Notes: Sloughing from 2017 storms.						

Photo 3 of 3 : LEVAL_SP_2018_182_1523.jpg



LM Start	0.73	Rating **	A/W	Issue No.	9
LM End	0.73	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.795814 °	38.795814 °
				-121.736799 °	-121.736799 °
DWR ID	DWR_RD0787_01_s_2017_9				
Comment Code					
S1 : Repair slope instability.					
Inspector Comment					
Multipel cracks visibile on a 50' section of the waterside slope.					

Photo 1 of 1 : SP_2018_RD0787_212_9_20180306_00007.jpg



View of slope stability location 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	
---	--	--	--	--	--

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0787 Fair

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Colusa Basin Drain	Left	4.45	03/16/2018 03/16/2018	Zach Jojola

LM Start	0.75	Rating **	A/W	Issue No.	12
LM End	0.75	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.795891 °	38.795891 °
				-121.737098 °	-121.737098 °
DWR ID	DWR_RD0787_01_f_2017_12				
Comment Code					
S1 : Repair slope instability.					
Inspector Comment					
50' crack beginning to develop on wateride slope. Recommend monitoring.					

Photo 1 of 1 : SP_2018_RD0787_212_12_20180306_00009.jpg



View of slope stability location on waterside slope. Spring 2017.

LM Start	0.77	Rating **	A/W	Issue No.	15
LM End	0.77	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.795996 °	38.795996 °
				-121.737493 °	-121.737493 °
DWR ID	DWR_RD0787_01_s_2017_15				
Comment Code					
S1 : Repair slope instability.					
Inspector Comment					
50' slough section on waterside slope.					

Photo 1 of 1 : SP_2018_RD0787_212_15_20180306_00016.jpg



View of sloughing on waterside slope. Spring 2017.

LM Start	0.78	Rating **	A/W	Issue No.	16
LM End	0.78	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.796042 °	38.796042 °
				-121.737661 °	-121.737661 °
DWR ID	DWR_RD0787_01_s_2017_16				
Comment Code					
S1 : Repair slope instability.					
Inspector Comment					
Sloughing on waterside slope.					

Photo 1 of 1 : SP_2018_RD0787_212_16_20180306_00017.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 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 - Spring 2018

Reclamation District No. 0787 Fair

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Colusa Basin Drain	Left	4.45	03/16/2018 03/16/2018	Zach Jojola

LM Start	1.44	Rating **	C	Issue No.	5
LM End	1.47	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2017 Storm Damage				° 38.801010 °
					° -121.748380 °
DWR ID	DWR_RD0787_01_f_2017_5				
Comment Code					
Inspector Comment					
Levee Evaluation Comments					
Description:					
Site ID No:212					
Site Designation:USACE_CESPK_FAIR_2010_p_0044					
Repair Type: Stability					
Rating:Critical					
Field Date:6/2/2017					
Notes: Vertical cut at 22ft from the crown hinge, vertical drop 6',					
waterside levee slope rotational slip, mass extends 12' into the channel.					

No Photos

LM Start	1.73	Rating **	C	Issue No.	11
LM End	1.73	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.802693 °	38.802693 °
				-121.752672 °	-121.752672 °
DWR ID	DWR_RD0787_01_f_2016_11				
Comment Code					
GA : Garbage					
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
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0787 Fair

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Colusa Basin Drain	Left	4.45	03/16/2018 03/16/2018	Zach Jojola

LM Start	1.73	Rating **	M	Issue No.	21
LM End	1.73	Issue Type +	Ma	Location *	CR
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.802721 °	38.802721 °	
			-121.752680 °	-121.752680 °	
DWR ID	DWR_RD0787_01_s_2018_21				
Comment Code					
PR : Prunings					
Inspector Comment					

No Photos

LM Start	2.48	Rating **	M	Issue No.	19
LM End	2.48	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.807365 °	38.807365 °	
			-121.765364 °	-121.765364 °	
DWR ID	DWR_RD0787_01_s_2018_19				
Comment Code					
GA : Garbage					
Inspector Comment					
TV on waterside slope.					

No Photos

LM Start	3.37	Rating **	M	Issue No.	17
LM End	3.37	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.814743 °	38.814743 °	
			-121.778789 °	-121.778789 °	
DWR ID	DWR_RD0787_01_s_2018_17				
Comment Code					
GA : Garbage					
Inspector Comment					
Speakers on landside slope.					

Photo 1 of 1 : SP_2018_RD0787_212_17_20180316_00022.jpg



View of speakers on the landside slope. Spring 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

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0787 Fair

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Colusa Basin Drain	Left	4.45	03/16/2018 03/16/2018	Zach Jojola

* 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
--	---	---