

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough	Right	5.48	09/15/2020 09/15/2020	David Julian

LM Start		Rating **	M	Issue No.	3
LM End		Issue Type +	Ma	Location *	
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Flood Preparedness & Training			°	°
				°	°
DWR ID	DWR_RD0556_01_f_2014_3				
Comment Code					
Inspector Comment					
The members in the district have not been flood fight trained recently according to the district manager.					

No Photos

LM Start		Rating **	A	Issue No.	6
LM End		Issue Type +	Ma	Location *	
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Operations & Maintenance Manuals			°	°
				°	°
DWR ID	DWR_RD0556_01_s_2012_6				
Comment Code					
Inspector Comment					
Sent electronic copy of O+M manual to LMA.					

No Photos

LM Start		Rating **	M	Issue No.	8
LM End		Issue Type +	Ma	Location *	N/A
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Emergency Supplies & Equipment			°	°
				°	°
DWR ID	DWR_RD0556_01_f_2019_8				
Comment Code					
Inspector Comment					
According to the district manager, when they need supplies they will order them, there are no supplies stored.					

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 Georgiana Slough	Right	5.48	09/15/2020 09/15/2020	David Julian

LM Start	0.00	Rating **	U	Issue No.	21
LM End	0.57	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.239100 °	38.232070 °
				-121.518250 °	-121.522067 °
DWR ID	DWR_RD0556_01_s_2017_21				
Comment Code					
T2 : Thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comment					

Photo 1 of 1 : FA_2020_RD0556_18_21_20200910_00005.jpg



View looking downstream at thick trees on the landside slope (Fall 2019).

LM Start	0.39	Rating **	M	Issue No.	36
LM End	0.58	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2017 USACE Erosion Survey			38.234038 °	38.231879 °
				-121.519817 °	-121.522003 °
DWR ID	DWR_RD0556_01_f_2018_36				
Comment Code					
Inspector Comment					
2017 Site ID: GEO 11.8 R					
Status: Eroding New					
2017 Field Notes: Tree popout popouts eminent , significant toe erosion and whole bank failure in sections.					

No Photos

LM Start	0.77	Rating **	M	Issue No.	64
LM End	0.82	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.229770 °	38.229282 °
				-121.524437 °	-121.525098 °
DWR ID	DWR_RD0556_01_f_2020_64				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Unit No. 01 Georgiana Slough	Right	5.48	09/15/2020 09/15/2020	David Julian

LM Start	0.82	Rating **	U	Issue No.	65
LM End	0.85	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.229278 °	38.229013 °
				-121.525103 °	-121.525562 °
DWR ID	DWR_RD0556_01_f_2020_65				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					

Photo 1 of 1 : FA_2020_RD0556_18_65_20200915_00090.jpg



View looking downstream at vegetation on the landside slope (Fall 2020).

LM Start	0.98	Rating **	U	Issue No.	66
LM End	1.57	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.227653 °	38.225012 °
				-121.527032 °	-121.535035 °
DWR ID	DWR_RD0556_01_f_2020_66				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					

Photo 1 of 1 : FA_2020_RD0556_18_66_20200915_00091.jpg



View looking upstream at annual vegetation on the landside slope (Fall 2020).

LM Start	1.20	Rating **	M	Issue No.	20
LM End	1.53	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2017 USACE Erosion Survey			38.227615 °	38.225374 °
				-121.529894 °	-121.534406 °
DWR ID	DWR_RD0556_01_f_2018_20				
Comment Code					
Inspector Comment					
2017 Site ID: GEO 10.9 R					
Status: Eroding New					
2017 Field Notes: Significant toe erosion and whole bank failure in sections, large pockets from tree popouts.					

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. 0556 Upper Andrus

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Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough	Right	5.48	09/15/2020 09/15/2020	David Julian

LM Start	2.32	Rating **	U	Issue No.	53
LM End	2.32	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.219813 °	38.219813 °
				-121.544032 °	-121.544032 °
DWR ID	DWR_RD0556_01_f_2019_53				
Comment Code					
T2 : Thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comment					

Photo 1 of 1 : FA_2020_RD0556_18_53_20200910_00034.jpg



View looking downstream at fig tree on the landside slope (Fall 2019).

LM Start	2.55	Rating **	M	Issue No.	26
LM End	2.69	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.216610 °	38.215382 °
				-121.543132 °	-121.541247 °
DWR ID	DWR_RD0556_01_f_2020_26				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

LM Start	2.63	Rating **	U	Issue No.	68
LM End	2.63	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.215850 °	38.215850 °
				-121.542045 °	-121.542045 °
DWR ID	DWR_RD0556_01_f_2020_68				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

Photo 1 of 1 : FA_2020_RD0556_18_68_20200915_00089.jpg



View of thick tree on the landside slope (Fall 2020).

*** 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
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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough	Right	5.48	09/15/2020 09/15/2020	David Julian

LM Start	2.69	Rating **	U	Issue No.	69
LM End	2.69	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.215382 °	38.215382 °
				-121.541247 °	-121.541247 °
DWR ID	DWR_RD0556_01_f _ 2020_69				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

Photo 1 of 1 : FA_2020_RD0556_18_69_20200915_00097.jpg



View of thick tree on the landside slope (Fall 2020).

LM Start	2.72	Rating **	U	Issue No.	33
LM End	2.72	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.215107 °	38.215107 °
				-121.540677 °	-121.540677 °
DWR ID	DWR_RD0556_01_s_2017_33				
Comment Code					
S1 : Repair slope instability.					
Inspector Comment					
Fallen tree on landside. Remove the fallen tree and repair the levee damage.					

Photo 1 of 1 : FA_2020_RD0556_18_33_20200910_00018.jpg



View of fallen tree damage to shoulder and slope.

LM Start	2.85	Rating **	M	Issue No.	43
LM End	2.98	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2017 USACE Erosion Survey			38.214144 °	38.212577 °
				-121.538692 °	-121.537244 °
DWR ID	DWR_RD0556_01_f_2018_43				
Comment Code					
Inspector Comment					
2017 Site ID: GEO 9.2 R					
Status: Eroding New					
2017 Field Notes: Toe erosion.					

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 Georgiana Slough	Right	5.48	09/15/2020 09/15/2020	David Julian

LM Start	3.12	Rating **	C	Issue No.	35
LM End	3.14	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.211103 °	38.210970 °
				-121.537993 °	-121.538370 °
DWR ID	DWR_RD0556_01_s_2017_35				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					

No Photos

LM Start	3.14	Rating **	U	Issue No.	28
LM End	3.26	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.210985 °	38.210160 °
				-121.538372 °	-121.540300 °
DWR ID	DWR_RD0556_01_f_2017_28				
Comment Code					
A1 : Exterminate rodents and backfill and compact or grout burrows.					
Inspector Comment					

Photo 1 of 1 : FA_2020_RD0556_18_28_20200910_00013.jpg



Significant rodent activity in this area must be stopped. Holes should be backfilled.

LM Start	3.18	Rating **	M	Issue No.	42
LM End	3.50	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2017 USACE Erosion Survey			38.210674 °	38.206919 °
				-121.538854 °	-121.541559 °
DWR ID	DWR_RD0556_01_f_2018_42				
Comment Code					
Inspector Comment					
2017 Site ID: GEO 9.0 R					
Status: Eroding New					
2017 Field Notes: Toe erosion and failed revetment.					

No Photos

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Unit No. 01 Georgiana Slough	Right	5.48	09/15/2020 09/15/2020	David Julian

LM Start	3.18	Rating **	U	Issue No.	55
LM End	3.18	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.210745 °	38.210745 °
				-121.538967 °	-121.538967 °
DWR ID	DWR_RD0556_01_f_2019_55				
Comment Code					
T2 : Thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comment					

Photo 1 of 1 : FA_2020_RD0556_18_55_20200910_00036.jpg



View of fig tree on the landside slope (Fall 2019).

LM Start	3.22	Rating **	U	Issue No.	38
LM End	3.29	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.210493 °	38.209842 °
				-121.539760 °	-121.540658 °
DWR ID	DWR_RD0556_01_s_2017_38				
Comment Code					
T2 : Thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comment					
Remove the wild tree growth and vegetation from the landside levee slope and toe so the ground can be seen.					

Photo 1 of 1 : FA_2020_RD0556_18_38_20200910_00022.jpg



View looking downstream at thick tree growth on the landside slope (Fall 2019).

LM Start	3.31	Rating **	C	Issue No.	57
LM End	3.39	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.209547 °	38.208605 °
				-121.540842 °	-121.541422 °
DWR ID	DWR_RD0556_01_f_2019_57				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough	Right	5.48	09/15/2020 09/15/2020	David Julian

LM Start	3.93	Rating **	U	Issue No.	39
LM End	5.10	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.201571 °	38.190115 °
				-121.542446 °	-121.557642 °
DWR ID	DWR_RD0556_01_f_2017_39				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					
Remove wild growth including berry vines and arundo from landside slope and toe to allow for inspection and access.					

Photo 1 of 1 : FA_2020_RD0556_18_39_20200910_00023.jpg



View of dense growth of wild vegetation, berry vines and arundo on landside slope and toe

LM Start	4.01	Rating **	U	Issue No.	63
LM End	5.43	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.201142 °	38.186712 °
				-121.543735 °	-121.561673 °
DWR ID	DWR_RD0556_01_s_2020_63				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					

No Photos

*** Location**
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

**** Rating**
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M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough	Right	5.48	09/15/2020 09/15/2020	David Julian

LM Start	5.12	Rating **	M	Issue No.	37
LM End	5.34	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2017 USACE Erosion Survey			38.189775 °	38.187369 °
				-121.557729 °	-121.560247 °
DWR ID	DWR_RD0556_01_f_2018_37				

Comment Code

Inspector Comment

2017 Site ID: GEO 7.0 R
 Status: Eroding
 2017 Field Notes: Site extended downstream. Large erosion pockets and significant toe erosion.
 Site History: 1997 - Toe damaged rock. 1999 - One pocket filled with gravel. 2000 - Eroding beach with some biotech rolls and stakes; some gravel on slope. 2001 - Staked, low fascine walls at bankline. 2005 - Stone revetment in between pockets. 2006 - New rock on upper slope behind brush boxes at the upstream end, Stone is sliding off the hard toe. 2016 - Fresh erosion observed.

Photo 1 of 1 : FA_2020_RD0556_18_37_20200910_00021.jpg



USACE 2013 Photo #1

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	5.72	09/09/2020 09/09/2020	David Julian

LM Start	0.04	Rating **	U	Issue No.	92
LM End	0.11	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.239106 °	38.238912 °
				-121.518972 °	-121.520247 °
DWR ID	DWR_RD0556_02_f_2019_92				
Comment Code					
A1 : Exterminate rodents and backfill and compact or grout burrows.					
Inspector Comment					
Multiple fresh squirrel holes					

Photo 1 of 1 : FA_2020_RD0556_19_92_20200909_00060.jpg



View of multiple fresh squirrel holes in the landside slope (Fall 2019).

LM Start	0.04	Rating **	U	Issue No.	20
LM End	0.04	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.239167 °	38.239167 °
				-121.519040 °	-121.519040 °
DWR ID	DWR_RD0556_02_f_2019_20				
Comment Code					
S3 : Repair the levee slope damaged by vehicle traffic and prevent access where possible.					
Inspector Comment					

Photo 1 of 1 : FA_2020_RD0556_19_20_20200909_00008.jpg



View looking downstream at vehicle damage to the waterside slope (Fall 2019).

LM Start	0.11	Rating **	C	Issue No.	24
LM End	0.33	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.238959 °	38.238476 °
				-121.520263 °	-121.524159 °
DWR ID	DWR_RD0556_02_s_2018_24				
Comment Code					
T2 : Thin trees to allow visibility of the ground and room to flood fight.					
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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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	5.72	09/09/2020 09/09/2020	David Julian

LM Start	0.44	Rating **	U	Issue No.	40
LM End	0.51	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.238142 °	38.237900 °
				-121.526198 °	-121.527553 °
DWR ID	DWR_RD0556_02_f_2018_40				
Comment Code					
T2 : Thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comment					

Photo 1 of 1 : FA_2020_RD0556_19_40_20200909_00023.jpg



View looking upstream at thick trees on the waterside slope (Spring 2019).

LM Start	0.50	Rating **	A/W	Issue No.	43
LM End	0.50	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.237963 °	38.237963 °
				-121.527372 °	-121.527372 °
DWR ID	DWR_RD0556_02_f_2019_43				
Comment Code					
S2 : Repair the levee slope damaged by foot traffic and prevent access where possible.					
Inspector Comment					
Fishermen trail is on slope.					

Photo 1 of 1 : FA_2020_RD0556_19_43_20200909_00025.jpg



View of fishermen trail digging into levee on the waterside slope (Fall 2019).

LM Start	0.58	Rating **	C	Issue No.	62
LM End	1.00	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.237712 °	38.238395 °
				-121.528657 °	-121.536273 °
DWR ID	DWR_RD0556_02_f_2018_62				
Comment Code					
T2 : Thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comment					

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	

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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	5.72	09/09/2020 09/09/2020	David Julian

LM Start	0.69	Rating **	M	Issue No.	39
LM End	0.73	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.237469 °	38.237568 °
				-121.530647 °	-121.531358 °
DWR ID	DWR_RD0556_02_s_2018_39				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

LM Start	1.03	Rating **	M	Issue No.	19
LM End	1.15	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2017 USACE Erosion Survey			38.238772 °	38.239265 °
				-121.536788 °	-121.538845 °
DWR ID	DWR_RD0556_02_f_2018_19				
Comment Code					
Inspector Comment					
2017 Site ID: SAC 25.2 L					
Status: Eroding					
2017 Field Notes: Minor new erosion observed.					
Site History: 1997 - Rock is in poor condition and has failed in many places. Scallops in berm with remnants of old rock in the toe area.					
2005 - Brush boxes present. 2013 - Site extended upstream approximately 300 ft to include new erosion pockets. 2015 - Minor new erosion at toe.					

Photo 1 of 1 : FA_2020_RD0556_19_19_20200909_00007.jpg



USACE 2013 Photo #1

* 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 2020

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	5.72	09/09/2020 09/09/2020	David Julian

LM Start	1.16	Rating **	C	Issue No.	42
LM End	1.19	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Trim / Thin Trees		38.239083 °	38.239235 °	
			-121.539122 °	-121.539695 °	
DWR ID	DWR_RD0556_02_s_2018_42				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

LM Start	1.26	Rating **	C	Issue No.	65
LM End	1.29	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Trim / Thin Trees		38.239485 °	38.239607 °	
			-121.540865 °	-121.541430 °	
DWR ID	DWR_RD0556_02_s_2019_65				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

LM Start	1.37	Rating **	C	Issue No.	66
LM End	1.43	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Trim / Thin Trees		38.239888 °	38.240080 °	
			-121.542833 °	-121.543942 °	
DWR ID	DWR_RD0556_02_f_2019_66				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	5.72	09/09/2020 09/09/2020	David Julian

LM Start	1.45	Rating **	M	Issue No.	18
LM End	1.59	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2017 USACE Erosion Survey			38.240401 °	38.240772 °
				-121.544106 °	-121.546791 °
DWR ID	DWR_RD0556_02_f_2018_18				
Comment Code					
Inspector Comment					
2017 Site ID: SAC 24.8 L					
Status: Eroding					
2017 Field Notes: Significant lower bank erosion.					
Site History: 1997 - Slow erosion of the berm at the waterline; bench below water. 2005 - Brush boxes present. 2010 - Minor new erosion.					
2013 - There is little to no berm remaining at downstream end of this site. 2016 - New erosion on levee slope.					

Photo 1 of 1 : FA_2020_RD0556_19_18_20200909_00006.jpg



USACE 2013 Photo #1

LM Start	1.46	Rating **	C	Issue No.	48
LM End	1.46	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.240157 °	38.240157 °
				-121.544530 °	-121.544530 °
DWR ID	DWR_RD0556_02_f _ 2019_48				
Comment Code					
TR : Tree or limb					
Inspector Comment					
Remove down dead tree on waterside slope					

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. 0556 Upper Andrus

View of cactus and other landscaping.

View looking upstream at thick vegetation on the landside slope (Fall 2019).

View looking downstream at cactus on the landside slope (Spring 2019).

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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	5.72	09/09/2020 09/09/2020	David Julian

LM Start	1.64	Rating **	C	Issue No.	67
LM End	1.73	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.240733 °	38.240972 °
				-121.547738 °	-121.549260 °
DWR ID	DWR_RD0556_02_f_2018_67				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

LM Start	1.76	Rating **	C	Issue No.	68
LM End	1.79	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.241003 °	38.240998 °
				-121.549887 °	-121.550352 °
DWR ID	DWR_RD0556_02_f_2018_68				
Comment Code					
T2 : Thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comment					

No Photos

LM Start	1.89	Rating **	U	Issue No.	30
LM End	1.99	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.240775 °	38.240024 °
				-121.552183 °	-121.553860 °
DWR ID	DWR_RD0556_02_f_2017_30				
Comment Code					
V7 : Trees / Woody Vegetation					
Inspector Comment					
Remove cactus on the landside slope.					

Photo 1 of 1 : FA_2020_RD0556_19_30_20200909_00015.jpg



Trim/thin oleanders on landside slope.

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	5.72	09/09/2020 09/09/2020	David Julian

LM Start	2.06	Rating **	U	Issue No.	32
LM End	2.06	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.239470 °	38.239470 °
				-121.554845 °	-121.554845 °
DWR ID	DWR_RD0556_02_s_2020_32				
Comment Code					
V7 : Trees / Woody Vegetation					
Inspector Comment					
Arundo growth should be removed to allow inspection and access to the landside slope and toe.					

Photo 1 of 1 : FA_2020_RD0556_19_32_20200909_00017.jpg



View of arundo on the landside slope and toe.

LM Start	2.12	Rating **	U	Issue No.	57
LM End	2.12	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.238887 °	38.238887 °
				-121.555570 °	-121.555570 °
DWR ID	DWR_RD0556_02_f _ 2019_57				
Comment Code					
TR : Tree or limb					
Inspector Comment					
Remove downed tree.					

Photo 1 of 1 : FA_2020_RD0556_19_57_20200911_00062.jpg



View looking downstream at down tree on waterside shoulder (Fall 2020).

LM Start	2.12	Rating **	C	Issue No.	72
LM End	2.46	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.238828 °	38.234587 °
				-121.555693 °	-121.557981 °
DWR ID	DWR_RD0556_02_f_2018_72				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	5.72	09/09/2020 09/09/2020	David Julian

LM Start	2.13	Rating **	U	Issue No.	87
LM End	2.13	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.238780 °	38.238780 °
				-121.555717 °	-121.555717 °
DWR ID	DWR_RD0556_02_f_2018_87				
Comment Code					
V7 : Trees / Woody Vegetation					
Inspector Comment					
Remove cactus from the landside slope.					

Photo 1 of 1 : FA_2020_RD0556_19_87_20200909_00057.jpg



View of cactus on the landside slope (October 2018).

LM Start	2.19	Rating **	U	Issue No.	33
LM End	2.22	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.238172 °	38.237883 °
				-121.556502 °	-121.556958 °
DWR ID	DWR_RD0556_02_f_2017_33				
Comment Code					
V7 : Trees / Woody Vegetation					
Inspector Comment					
Large growth of prickly pear cactus should be removed to allow inspection and access.					

Photo 1 of 1 : FA_2020_RD0556_19_33_20200909_00018.jpg



View of large growth of prickly pear cactus.

LM Start	2.41	Rating **	C	Issue No.	82
LM End	2.41	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.235263 °	38.235263 °
				-121.558051 °	-121.558051 °
DWR ID	DWR_RD0556_02_s_2020_82				
Comment Code					
T2 : Thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comment					

No Photos

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	5.72	09/09/2020 09/09/2020	David Julian

LM Start	2.75	Rating **	U	Issue No.	88
LM End	2.75	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.230752 °	38.230752 °
				-121.556007 °	-121.556007 °
DWR ID	DWR_RD0556_02_f_2019_88				
Comment Code					
TR : Tree or limb					
Inspector Comment					
Broken tree limb blocking view of landside slope.					

Photo 1 of 1 : FA_2020_RD0556_19_88_20200909_00058.jpg



View of broken tree limb blocking the view of the landside slope (Fall 2019).

LM Start	3.17	Rating **	M	Issue No.	17	
LM End	3.28	Issue Type +	Ma	Location *	WS	
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	2017 USACE Erosion Survey			38.224850 °	38.223233 °	
				-121.555641 °	-121.555687 °	
DWR ID	DWR_RD0556_02_f_2018_17					
Comment Code						
Inspector Comment						
2017 Site ID: SAC 23.2 L Status: Eroding 2017 Field Notes: New erosion along lower bank. Site History: 2000 - Recently fallen cottonwood at the downstream end. 2005 - Empty brush boxes. 2011 - A few trees have fallen since last year. 2012 - Potential new tree popout since last year. 2013 - New erosion at downstream end of site and a recent tree pop-out observed. 2016 - New erosion at the toe.						

Photo 1 of 1 : FA_2020_RD0556_19_17_20200909_00005.jpg



USACE 2013 Photo #1

* 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**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	5.72	09/09/2020 09/09/2020	David Julian

LM Start	3.29	Rating **	M	Issue No.	85
LM End	3.29	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.222995 °	38.222995 °
				-121.555433 °	-121.555433 °
DWR ID	DWR_RD0556_02_f_2019_85				
Comment Code					
T2 : Thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comment					

No Photos

LM Start	3.57	Rating **	A/W	Issue No.	23
LM End	3.95	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Seepage / Sandboils			38.218950 °	38.213490 °
				-121.556300 °	-121.556850 °
DWR ID	DWR_RD0556_02_R_2012_03				
Comment Code					
Inspector Comment					
This was a 2017 Storm Damage site. Seepage observed during 2017 high water. Site ID No:68 Site Designation:DWR_RD0556_02_R_2012_03					

No Photos

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

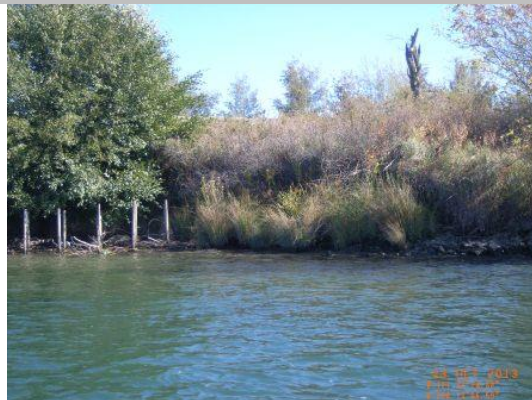
Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	5.72	09/09/2020 09/09/2020	David Julian

LM Start	3.58	Rating **	M	Issue No.	16
LM End	3.64	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2017 USACE Erosion Survey			38.218951 °	38.218104 °
				-121.556689 °	-121.556819 °
DWR ID	DWR_RD0556_02_f_2018_16				
Comment Code					
Inspector Comment					
2017 Site ID: SAC 22.7 L					
Status: Eroding					
2017 Field Notes: Minor new erosion at toe.					
Site History: 1997 - Scallops into berm and very close to levee toe.					
2005 - Brush boxes present. 2011 - New toe scour and freshly fallen tree. 2012 - New tree popout has taken significant portion of soil out of the levee.					

Photo 1 of 1 : FA_2020_RD0556_19_16_20200909_00004.jpg



USACE 2013 Photo #1

LM Start	3.68	Rating **	M	Issue No.	63
LM End	3.68	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.217462 °	38.217462 °
				-121.556647 °	-121.556647 °
DWR ID	DWR_RD0556_02_f_2019_63				
Comment Code					
E2 : Schedule repair of erosion site prior to the next inspection.					
Inspector Comment					
Repair erosion on waterside shoulder					

Photo 1 of 1 : FA_2020_RD0556_19_63_20200909_00044.jpg



View of erosion on the waterside shoulder (Fall 2019).

*** 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 2020

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	5.72	09/09/2020 09/09/2020	David Julian

LM Start	3.83	Rating **	M	Issue No.	84
LM End	3.87	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.215223 °	38.214688 °
				-121.556903 °	-121.556868 °
DWR ID	DWR_RD0556_02_f_2018_84				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

Photo 1 of 1 : FA_2020_RD0556_19_84_20200909_00055.jpg



View looking upstream at thick trees on the landside slope (Fall 2019).

LM Start	3.95	Rating **	M	Issue No.	15
LM End	4.12	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2017 USACE Erosion Survey			38.213581 °	38.211112 °
				-121.557197 °	-121.557042 °
DWR ID	DWR_RD0556_02_f_2018_15				
Comment Code					
Inspector Comment					
2017 Site ID: SAC 22.5 L					
Status: Eroding					
2017 Field Notes: New lower bank erosion at the upstream end. Locals placed rock in some erosion pockets.					
Site History: 2002 - Spot rock along berm, but not in the erosion pockets. 2005 - Some new minor stone revetment at the upstream end. Brush boxes present. 2006 - Currently installing new brush in downstream brush boxes. 2007 - Rock in middle portion for about 150 ft. 2010 - Some attempt at repairs but still has pockets of erosion. 2012 - More erosion along the toe.					

Photo 1 of 1 : FA_2020_RD0556_19_15_20200909_00003.jpg



USACE 2013 Photo #1

* 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 2020

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	5.72	09/09/2020 09/09/2020	David Julian

LM Start	4.15	Rating **	U	Issue No.	55
LM End	4.15	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.210623 °	38.210623 °
				-121.556733 °	-121.556733 °
DWR ID	DWR_RD0556_02_s _ 2020_55				
Comment Code					
T2 : Thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comment					

Photo 1 of 1 : FA_2020_RD0556_19_55_20200909_00036.jpg



View of thick tree on the landside slope (Spring 2020).

LM Start	4.22	Rating **	U	Issue No.	51
LM End	4.22	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.209629 °	38.209629 °
				-121.556757 °	-121.556757 °
DWR ID	DWR_RD0556_02_s _ 2020_51				
Comment Code					
V7 : Trees / Woody Vegetation					
Inspector Comment					
Remove arundo from landside slope					

Photo 1 of 1 : FA_2020_RD0556_19_51_20200909_00032.jpg



View of thick arundo on the landside slope (Spring 2020).

LM Start	4.45	Rating **	M	Issue No.	14
LM End	4.49	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2017 USACE Erosion Survey			38.206377 °	38.205729 °
				-121.557184 °	-121.557108 °
DWR ID	DWR_RD0556_02_f _ 2018_14				
Comment Code					
Inspector Comment					
2017 Site ID: SAC 21.9 L					
Status: Eroding					
2017 Field Notes: No observed change..					
Site History: 2013 - Erosion pockets encroaching on levee foundation.					

Photo 1 of 1 : FA_2020_RD0556_19_14_20200909_00002.jpg



USACE 2013 Photo #1

* 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**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	5.72	09/09/2020 09/09/2020	David Julian

LM Start	4.50	Rating **	M	Issue No.	5
LM End	4.50	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.205578 °	38.205578 °
				-121.556776 °	-121.556776 °
DWR ID	DWR_RD0556_02_f_2020_5				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					
Blackberries on the landside toe.					

No Photos

LM Start	4.57	Rating **	U	Issue No.	56
LM End	4.57	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.204544 °	38.204544 °
				-121.556769 °	-121.556769 °
DWR ID	DWR_RD0556_02_s_2018_56				
Comment Code					
TR : Tree or limb					
Inspector Comment					
Remove dead tree/limb from the landside.					

Photo 1 of 1 : FA_2020_RD0556_19_56_20200909_00037.jpg



Fallen tree on landside should be removed.

LM Start	4.64	Rating **	U	Issue No.	58
LM End	4.64	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.203480 °	38.203480 °
				-121.556824 °	-121.556824 °
DWR ID	DWR_RD0556_02_s_2018_58				
Comment Code					
T2 : Thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comment					
Remove fig tree from the landside slope.					

Photo 1 of 1 : FA_2020_RD0556_19_58_20200909_00039.jpg



View of fig tree on landside slope (October 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

Reclamation District No. 0556 Upper Andrus

View of fallen tree on the waterside slope (October 2018).

View of looking downstream at arundo on the waterside slope (Fall 2020).

View of cactus on the landside slope (October 2018).

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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	5.72	09/09/2020 09/09/2020	David Julian

LM Start	4.94	Rating **	M	Issue No.	83
LM End	4.94	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.199282 °	38.199282 °
				-121.557835 °	-121.557835 °
DWR ID	DWR_RD0556_02_f_2018_83				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

LM Start	5.08	Rating **	U	Issue No.	37
LM End	5.16	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.197407 °	38.196388 °
				-121.558950 °	-121.559558 °
DWR ID	DWR_RD0556_02_f_2017_37				
Comment Code					
V7 : Trees / Woody Vegetation					
Inspector Comment					
Remove large cactus partway down the landside slope.					

Photo 1 of 1 : FA_2020_RD0556_19_37_20200911_00069.jpg



View looking upstream at cactus partway down the landside slope (Fall 2020).

LM Start	5.31	Rating **	C	Issue No.	64
LM End	5.31	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.194713 °	38.194713 °
				-121.561177 °	-121.561177 °
DWR ID	DWR_RD0556_02_f_2019_64				
Comment Code					
TR : Tree or limb					
Inspector Comment					
Remove branches					

No Photos

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	5.72	09/09/2020 09/09/2020	David Julian

LM Start	5.32	Rating **	M	Issue No.	4
LM End	5.40	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.194553 °	38.193794 °
				-121.561388 °	-121.562529 °
DWR ID	DWR_RD0556_02_f_2020_4				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

LM Start	5.53	Rating **	U	Issue No.	74
LM End	5.53	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.192803 °	38.192803 °
				-121.564388 °	-121.564388 °
DWR ID	DWR_RD0556_02_f_2019_74				
Comment Code					
TR : Tree or limb					
Inspector Comment					
Remove fallen tree from the waterside slope.					

Photo 1 of 1 : FA_2020_RD0556_19_74_20200911_00066.jpg



View of fallen tree on the waterside slope (Fall 2020).

LM Start	5.56	Rating **	M	Issue No.	75
LM End	5.56	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.192623 °	38.192623 °
				-121.564928 °	-121.564928 °
DWR ID	DWR_RD0556_02_f_2019_75				
Comment Code					
TR : Tree or limb					
Inspector Comment					
Remove down tree on waterside slope					

Photo 1 of 1 : FA_2020_RD0556_19_75_20200909_00051.jpg



View of down tree on the waterside slope (Spring 2020).

*** 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 2020

Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	5.72	09/09/2020 09/09/2020	David Julian

LM Start	5.64	Rating **	U	Issue No.	79
LM End	5.64	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.192237 °	38.192237 °
				-121.566368 °	-121.566368 °
DWR ID	DWR_RD0556_02_f_2018_79				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					
More than 2 cubic feet of soil was removed between the two large burrow holes.					

Photo 1 of 1 : FA_2020_RD0556_19_79_20200911_00067.jpg



View looking downstream at burrow holes on the landside slope (Fall 2020).

* 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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