

**Flood Control Project Maintenance  
Levee Inspections**

**Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2019**

**Reclamation District No. 1500 Sutter Basin**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	33.15	10/30/2019 10/30/2019	Zach Jojola

LM Start		Rating **	A	Issue No.	<b>9</b>
LM End		Issue Type +	Ma	Location *	N/A
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Operations & Maintenance Manuals		o		o
			o		o
DWR ID	DWR_RD1500_01_s_2013_9				
Comment Code					
Inspector Comment					
RD 1500 has their O&M Manual.					

No Photos

LM Start		Rating **	A	Issue No.	<b>55</b>
LM End		Issue Type +	Ma	Location *	N/A
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Emergency Supplies & Equipment		o		o
			o		o
DWR ID	DWR_RD1500_01_s_2013_55				
Comment Code					
Inspector Comment					
RD 1500 maintains a stockpile of flood response material.					

No Photos

LM Start		Rating **	A	Issue No.	<b>61</b>
LM End		Issue Type +	Ma	Location *	N/A
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Flood Preparedness & Training		o		o
			o		o
DWR ID	DWR_RD1500_01_s_2013_61				
Comment Code					
Inspector Comment					
RD 1500 is current with it's flood response plans and training.					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	33.15	10/30/2019 10/30/2019	Zach Jojola

LM Start	<b>0.19</b>	Rating **	M	Issue No.	<b>93</b>
LM End	<b>0.19</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.761730°	38.761730°
				-121.677953°	-121.677953°
DWR ID	DWR_RD1500_01_s_2019_93				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					
There are multiple rodent holes near the landside toe.					

No Photos

LM Start	<b>0.21</b>	Rating **	M	Issue No.	<b>129</b>
LM End	<b>0.21</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.761957°	38.761957°
				-121.678145°	-121.678145°
DWR ID	DWR_RD1500_01_f_2019_129				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					
Large rodent hole near the landside toe.					

No Photos

LM Start	<b>0.29</b>	Rating **	C	Issue No.	<b>152</b>
LM End	<b>0.29</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.762945°	38.762945°
				-121.678812°	-121.678812°
DWR ID	DWR_RD1500_01_f_2018_152				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					
There are multiple holes on the the landside slope.					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	33.15	10/30/2019 10/30/2019	Zach Jojola

LM Start	<b>0.32</b>	Rating **	M	Issue No.	<b>90</b>
LM End	<b>0.32</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.763334 °	38.763334 °
				-121.679119 °	-121.679119 °
DWR ID	DWR_RD1500_01_s_2019_90				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					
A large rodent hole is near the landside shoulder.					

No Photos

LM Start	<b>0.37</b>	Rating **	M	Issue No.	<b>149</b>
LM End	<b>0.37</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.763826 °	38.763826 °
				-121.679787 °	-121.679787 °
DWR ID	DWR_RD1500_01_s_2017_149				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					
There are multiple holes on the landside slope.					

No Photos

LM Start	<b>0.38</b>	Rating **	M	Issue No.	<b>128</b>
LM End	<b>0.38</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.763909 °	38.763909 °
				-121.679930 °	-121.679930 °
DWR ID	DWR_RD1500_01_f_2019_128				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					
Multiple rodent holes on the landside slope.					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	33.15	10/30/2019 10/30/2019	Zach Jojola

LM Start	<b>1.10</b>	Rating **	C	Issue No.	<b>100</b>
LM End	<b>1.10</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.767407°	38.767407°
				-121.691589°	-121.691589°
DWR ID	DWR_RD1500_01_f_2018_100				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					
There are multiple holes on the landside slope and berm.					

No Photos

LM Start	<b>1.13</b>	Rating **	M	Issue No.	<b>127</b>
LM End	<b>1.13</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.767761°	38.767761°
				-121.691900°	-121.691900°
DWR ID	DWR_RD1500_01_f_2019_127				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					
Rodent holes on the landside slope.					

No Photos

LM Start	<b>1.17</b>	Rating **	M	Issue No.	<b>126</b>
LM End	<b>1.17</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.768288°	38.768288°
				-121.692203°	-121.692203°
DWR ID	DWR_RD1500_01_f_2019_126				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					
Rodent holes on the landside slope.					

No Photos

<b>* Location</b> LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	33.15	10/30/2019 10/30/2019	Zach Jojola

LM Start	<b>1.25</b>	Rating **	M	Issue No.	<b>99</b>
LM End	<b>1.25</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.769274°	38.769274°
				-121.691700°	-121.691700°
DWR ID	DWR_RD1500_01_f_2017_99				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					
There are multiple rodent holes and mounds on the landside slope.					

Photo 1 of 2 : FA\_2019\_RD1500\_189\_99\_20190829\_00042.jpg



View of rodent holes. Spring 2018

LM Start	<b>1.25</b>	Rating **	M	Issue No.	<b>99 (cont)</b>
LM End	<b>1.25</b>	Issue Type +	Ma	Location *	LS

Photo 2 of 2 : FA\_2019\_RD1500\_189\_99\_20190829\_00043.jpg



View of holes and mounds on landside slope. Fall 2017.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Reclamation District No. 1500 Sutter Basin**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	33.15	10/30/2019 10/30/2019	Zach Jojola

LM Start	<b>3.26</b>	Rating **	M	Issue No.	<b>124</b>
LM End	<b>3.26</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Animal Control		38.792004 °	38.792004 °	
			-121.688571 °	-121.688571 °	
DWR ID	DWR_RD1500_01_f_2019_124				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					
Big holes on the landside slope.					

No Photos

LM Start	<b>6.24</b>	Rating **	A/W	Issue No.	<b>136</b>
LM End	<b>6.24</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Erosion / Bank Caving		38.811093 °	38.811093 °	
			-121.722790 °	-121.722790 °	
DWR ID	DWR_RD1500_01_f_2018_136				
Comment Code					
E1 : Note and monitor erosion site.					
Inspector Comment					
There is minor runoff on the waterside slope. Recommend monitoring.					

No Photos

LM Start	<b>9.71</b>	Rating **	A/W	Issue No.	<b>162</b>
LM End	<b>9.71</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Slope Stability		38.853564 °	38.853564 °	
			-121.725379 °	-121.725379 °	
DWR ID	DWR_RD1500_01_s_2017_162				
Comment Code					
S3 : Repair the levee slope damaged by vehicle traffic and prevent access where possible.					
Inspector Comment					
The area is heavily accessed by trailer residents and fishermen. Recommend monitoring.					

Photo 1 of 1 : FA\_2019\_RD1500\_189\_162\_20190829\_00071.jpg



View of slope stability on waterside slope. Spring 2017.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	<b>N : Not Inspected/Rated</b> C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	33.15	10/30/2019 10/30/2019	Zach Jojola

LM Start	<b>10.19</b>	Rating **	M	Issue No.	<b>104</b>
LM End	<b>10.19</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.858839 °	38.858839 °
				-121.728650 °	-121.728650 °
DWR ID	DWR_RD1500_01_f_2019_104				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					
Rodent holes on the landside slope.					

No Photos

LM Start	<b>10.25</b>	Rating **	M	Issue No.	<b>115</b>
LM End	<b>10.25</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.859585 °	38.859585 °
				-121.729188 °	-121.729188 °
DWR ID	DWR_RD1500_01_f_2018_115				
Comment Code					
A1 : Exterminate rodents and backfill and compact or grout burrows.					
Inspector Comment					
There are active rodent holes at the landside toe.					

No Photos

LM Start	<b>11.64</b>	Rating **	M	Issue No.	<b>97</b>
LM End	<b>11.64</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.871281 °	38.871281 °
				-121.747215 °	-121.747215 °
DWR ID	DWR_RD1500_01_f_2019_97				
Comment Code					
S3 : Repair the levee slope damaged by vehicle traffic and prevent access where possible.					
Inspector Comment					
Ruts on the landside slope.					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	<b>N : Not Inspected/Rated</b> C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	33.15	10/30/2019 10/30/2019	Zach Jojola

LM Start	<b>11.80</b>	Rating **	A/W	Issue No.	<b>88</b>
LM End	<b>12.26</b>	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2017 USACE Erosion Survey			38.871848°	38.869139°
				-121.749349°	-121.757108°
DWR ID	DWR_RD1500_01_f_2018_88				
Comment Code					
Inspector Comment					
2017 Site ID: SAC 95.8 L Status: Eroding 2017 Field Notes: Sites 95.8 and 96.2 combined. Site History: 1997 - No toe on the large upstream rubble (mix of broken concrete, bricks, rock, and steel) - should be replaced. Oversized bank. 2001 - New slump at the downstream end. 2003 - Some minor bank retreat at the downstream end. 2004 - Some new retreat at the downstream end. 2006 - Some new erosion, mainly on the steep slope and scarps. (Pumping station is not part of the erosion site.) 2010 - Minor new erosion. 2011 - Minor new erosion at the toe. 2015 - Fresh slumping					

No Photos

LM Start	<b>12.01</b>	Rating **	M	Issue No.	<b>116</b>
LM End	<b>12.01</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.870730°	38.870730°
				-121.752908°	-121.752908°
DWR ID	DWR_RD1500_01_s_2017_116				
Comment Code					
E2 : Schedule repair of erosion site prior to the next inspection.					
Inspector Comment					
There is runoff erosion on the landside levee slope.					

Photo 1 of 1 : FA\_2019\_RD1500\_189\_116\_20190829\_00052.jpg



View of erosion on landside slope. Spring 2017.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Unit No. 01 Sacramento River	Left	33.15	10/30/2019 10/30/2019	Zach Jojola

LM Start	<b>12.57</b>	Rating **	M	Issue No.	<b>118</b>
LM End	<b>12.57</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Erosion / Bank Caving		38.867108°	38.867108°	
			-121.761498°	-121.761498°	
DWR ID	DWR_RD1500_01_f_2015_118				
Comment Code					
E2 : Schedule repair of erosion site prior to the next inspection.					
Inspector Comment					
Recommend backfilling erosion.					

No Photos

LM Start	<b>13.98</b>	Rating **	A/W	Issue No.	<b>89</b>
LM End	<b>14.28</b>	Issue Type +	Ma	Location *	WS
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	2017 USACE Erosion Survey		38.857239°	38.861899°	
			-121.783771°	-121.784057°	
DWR ID	DWR_RD1500_01_f_2018_89				
Comment Code					
Inspector Comment					
2017 Site ID: SAC 99.0 L Status: Eroding 2017 Field Notes: Rock continues to unravel. Site History: 1997 - Intermittent toe failure of the hand placed riprap; failure of toe materials.					

Photo 1 of 1 : FA\_2019\_RD1500\_189\_89\_20190829\_00036.jpg



USACE 2013 Photo #1

LM Start	<b>14.17</b>	Rating **	M	Issue No.	<b>91</b>
LM End	<b>14.17</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Erosion / Bank Caving		38.860281°	38.860281°	
			-121.783247°	-121.783247°	
DWR ID	DWR_RD1500_01_f_2019_91				
Comment Code					
E2 : Schedule repair of erosion site prior to the next inspection.					
Inspector Comment					
Runoff on the landside slope.					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	<b>N : Not Inspected/Rated</b> C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Unit No. 01 Sacramento River	Left	33.15	10/30/2019 10/30/2019	Zach Jojola

LM Start	<b>14.23</b>	Rating **	A/W	Issue No.	<b>86</b>
LM End	<b>14.23</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Animal Control		38.861112°	38.861112°	
			-121.783490°	-121.783490°	
DWR ID	DWR_RD1500_01_f_2019_86				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					
Rodent hole on the landside slope.					

No Photos

LM Start	<b>18.20</b>	Rating **	A/W	Issue No.	<b>79</b>
LM End	<b>18.20</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Animal Control		38.899570°	38.899570°	
			-121.802229°	-121.802229°	
DWR ID	DWR_RD1500_01_f_2019_79				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					
Rodent holes near the landside toe. Recommend monitoring.					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Unit No. 01 Sacramento River	Left	33.15	10/30/2019 10/30/2019	Zach Jojola

LM Start	<b>21.01</b>	Rating **	C	Issue No.	<b>105</b>
LM End	<b>21.01</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.911322°	38.911322°
				-121.804078°	-121.804078°
DWR ID	DWR_RD1500_01_f_2018_105				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					
Rodent holes are on the landside slope.					

No Photos

LM Start	<b>21.10</b>	Rating **	C	Issue No.	<b>103</b>
LM End	<b>21.10</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.912511°	38.912511°
				-121.803355°	-121.803355°
DWR ID	DWR_RD1500_01_s_2019_103				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					
Rodent holes are at the landside toe.					

No Photos

LM Start	<b>21.15</b>	Rating **	C	Issue No.	<b>151</b>
LM End	<b>21.15</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.913240°	38.913240°
				-121.803245°	-121.803245°
DWR ID	DWR_RD1500_01_s_2019_151				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					
Rodent holes are on the landside slope and shoulder.					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2019**

**Reclamation District No. 1500 Sutter Basin**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	33.15	10/30/2019 10/30/2019	Zach Jojola

LM Start	<b>23.65</b>	Rating **	M	Issue No.	<b>112</b>
LM End	<b>23.65</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Erosion / Bank Caving		38.930239 °	38.930239 °	
			-121.834972 °	-121.834972 °	
DWR ID	DWR_RD1500_01_s_2018_112				
Comment Code					
E2 : Schedule repair of erosion site prior to the next inspection.					
Inspector Comment					
Runoff on the waterside slope.					

No Photos

LM Start	<b>23.69</b>	Rating **	M	Issue No.	<b>75</b>
LM End	<b>23.69</b>	Issue Type +	Ma	Location *	CR
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Crown Surface / Depressions / Rutting		38.930802 °	38.930802 °	
			-121.834822 °	-121.834822 °	
DWR ID	DWR_RD1500_01_f_2019_75				
Comment Code					
C2 : Repair depressions or ruts in the crown or slope.					
Inspector Comment					
Fill tire ruts on the crown.					

No Photos

LM Start	<b>24.50</b>	Rating **	M	Issue No.	<b>76</b>
LM End	<b>24.50</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Animal Control		38.940769 °	38.940769 °	
			-121.830856 °	-121.830856 °	
DWR ID	DWR_RD1500_01_f_2019_76				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	<b>N : Not Inspected/Rated</b> C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> 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 2019**

**Reclamation District No. 1500 Sutter Basin**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	33.15	10/30/2019 10/30/2019	Zach Jojola

LM Start	<b>24.57</b>	Rating **	M	Issue No.	<b>102</b>
LM End	<b>24.57</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Animal Control		38.941361°	38.941361°	
			-121.831899°	-121.831899°	
DWR ID	DWR_RD1500_01_f_2018_102				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					
There are rodent holes at the landside toe.					

No Photos

LM Start	<b>25.04</b>	Rating **	A/W	Issue No.	<b>77</b>
LM End	<b>25.04</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Animal Control		38.946748°	38.946748°	
			-121.835708°	-121.835708°	
DWR ID	DWR_RD1500_01_f_2019_77				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					
Rodent hole on the landside slope.					

No Photos

LM Start	<b>25.07</b>	Rating **	M	Issue No.	<b>78</b>
LM End	<b>25.07</b>	Issue Type +	Ma	Location *	CR
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Crown Surface / Depressions / Rutting		38.947188°	38.947188°	
			-121.835656°	-121.835656°	
DWR ID	DWR_RD1500_01_f_2019_78				
Comment Code					
C2 : Repair depressions or ruts in the crown or slope.					
Inspector Comment					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	<b>+ Issue Type</b> 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 2019**

**Reclamation District No. 1500 Sutter Basin**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	33.15	10/30/2019 10/30/2019	Zach Jojola

LM Start	<b>25.50</b>	Rating **	C	Issue No.	<b>95</b>
LM End	<b>25.50</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Animal Control		38.952967°	38.952967°	
			-121.837730°	-121.837730°	
DWR ID	DWR_RD1500_01_f_2018_95				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					
There are rodent holes on the landside slope.					

No Photos

LM Start	<b>28.23</b>	Rating **	M	Issue No.	<b>92</b>
LM End	<b>28.23</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Animal Control		38.983221°	38.983221°	
			-121.819895°	-121.819895°	
DWR ID	DWR_RD1500_01_f_2018_92				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					
Rodent holes are located at the landside toe.					

Photo 1 of 1 : FA\_2019\_RD1500\_189\_92\_20190829\_00037.jpg



View of rodent holes on the landside slope. Fall 2018.

LM Start	<b>28.30</b>	Rating **	M	Issue No.	<b>135</b>
LM End	<b>28.30</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Animal Control		38.984158°	38.984158°	
			-121.819868°	-121.819868°	
DWR ID	DWR_RD1500_01_s_2019_135				
Comment Code					
A1 : Exterminate rodents and backfill and compact or grout burrows.					
Inspector Comment					
Active rodent holes are at the landside toe.					

No Photos

<b>* Location</b> LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> 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 2019**

**Reclamation District No. 1500 Sutter Basin**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	33.15	10/30/2019 10/30/2019	Zach Jojola

LM Start	<b>29.51</b>	Rating **	C	Issue No.	<b>122</b>
LM End	<b>29.51</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Animal Control		38.989096°	38.989096°	
			-121.801387°	-121.801387°	
DWR ID	DWR_RD1500_01_s_2019_122				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					
Rodent holes are on the landside shoulder.					

No Photos

LM Start	<b>30.60</b>	Rating **	A/W	Issue No.	<b>82</b>
LM End	<b>30.75</b>	Issue Type +	Ma	Location *	WS
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	2017 USACE Erosion Survey		38.999745°	39.001413°	
			-121.800898°	-121.802889°	
DWR ID	DWR_RD1500_01_f_2018_82				
Comment Code					
Inspector Comment					
2017 Site ID: SAC 116.0 L Status: Eroding 2017 Field Notes: Minor new erosion throughout the site. Site History: 2000 - Eroding, vertical berm slope over a vertical cohesive toe; slow erosion but getting close to the toe. 2002 - Erosion is getting close to the levee, still eroding with some new small slumps. 2004 - Some minor new erosion. 2006 - Some new erosion, cleaned off older scars and slump faces. 2008 - New, small, partial rotational failure. 2011 - Some new minor erosion. 2016 - Fresh erosion on lower bank.					

Photo 1 of 1 : FA\_2019\_RD1500\_189\_82\_20190829\_00030.jpg



USACE 2013 Photo #1

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable  N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> 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 2019**

**Reclamation District No. 1500 Sutter Basin**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	33.15	10/30/2019 10/30/2019	Zach Jojola

LM Start	<b>32.98</b>	Rating **	M	Issue No.	<b>107</b>
LM End	<b>32.98</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Animal Control		39.020874 °	39.020874 °	
			-121.820266 °	-121.820266 °	
DWR ID	DWR_RD1500_01_f_2016_107				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

Photo 1 of 1 : FA\_2019\_RD1500\_189\_107\_20190829\_00046.jpg



View of rodent burrows on landside slope. Fall 2016.

LM Start	<b>32.99</b>	Rating **	A/W	Issue No.	<b>106</b>
LM End	<b>32.99</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Erosion / Bank Caving		39.021016 °	39.021016 °	
			-121.820261 °	-121.820261 °	
DWR ID	DWR_RD1500_01_f_2016_106				
Comment Code					
E1 : Note and monitor erosion site.					
Inspector Comment					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> 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 2019**

**Reclamation District No. 1500 Sutter Basin**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sutter Bypass	Right	20.72	10/31/2019 10/31/2019	Zach Jojola

LM Start	<b>0.13</b>	Rating **	M	Issue No.	<b>39</b>
LM End	<b>0.13</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Animal Control		38.762429 °	38.762429 °	
			-121.672924 °	-121.672924 °	
DWR ID	DWR_RD1500_02_f_2017_39				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					
There is a rodent hole near the landside toe.					

Photo 1 of 1 : FA\_2019\_RD1500\_190\_39\_20190829\_00011.jpg



View of rodent hole on landside slope. Fall 2017.

LM Start	<b>0.14</b>	Rating **	M	Issue No.	<b>16</b>
LM End	<b>0.14</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Animal Control		38.762564 °	38.762564 °	
			-121.672771 °	-121.672771 °	
DWR ID	DWR_RD1500_02_f_2018_16				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					
There are multiple holes on the landside slope.					

Photo 1 of 1 : FA\_2019\_RD1500\_190\_16\_20190829\_00009.jpg



View of rodent holes on the landside slope. Fall 2018.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> 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 2019**

**Reclamation District No. 1500 Sutter Basin**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sutter Bypass	Right	20.72	10/31/2019 10/31/2019	Zach Jojola

LM Start	<b>1.92</b>	Rating **	A/W	Issue No.	<b>40</b>
LM End	<b>1.92</b>	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DRAFT DWR UCIP LMA Responsibility		38.783865 °	38.783865 °	
			-121.655170 °	-121.655170 °	
DWR ID	20020				
Comment Code					
Inspector Comment					
DS_ID:20020 FS_ID:28886 EP_NO: N/A Repair Type: No Action Needed Crossing Status: Found UCIP Comments: Pumping plat was working during the field visit. Hydraulic gates on outfall structure. Motorized slide gates on waterside shoulder. FIELD_STRUCT_DESC: [Reclamation District No. 1500, Pumping Plant No. 3] 1 of 4: 72-inch by 84-inch reinforced concrete box drainage discharge conduit under the levee, 35 feet below the crown. Two concrete cutoff walls. Pumps in concrete pumping plant on the landside (LS). Timber steps on the LS slope. Two service poles and anchors on the LS shoulder. Electrical control gates in a metal and concrete building on the waterside (WS) shoulder. Flap gates on the WS end. Installed by USACE in 1950. (Construction of a four compartment concrete gravity outlet conduit under the levee authorized under Permit No. 1284, 1948 - Reclamation District No. 1500). [Additional Reference(s): DWR Levee Log, 1993. USACE Sacramento O&M Manual 129, June 1954, (Station 1227+00)]. FS Date: 1/21/2014					

Photo 1 of 3 : UCIP\_FA\_2019\_28886\_53098.jpg



WS view: CM shed for slide gate on levee shoulder (top) and outfall structure at levee toe (bottom).

LM Start	<b>1.92</b>	Rating **	A/W	Issue No.	<b>40 (cont)</b>
LM End	<b>1.92</b>	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP\_FA\_2019\_28886\_53096.jpg



WS view: motorized slide gates in CM shed on levee shoulder.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> 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 2019**

**Reclamation District No. 1500 Sutter Basin**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sutter Bypass	Right	20.72	10/31/2019 10/31/2019	Zach Jojola

LM Start	<b>1.92</b>	Rating **	A/W	Issue No.	<b>41</b>
LM End	<b>1.92</b>	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DRAFT DWR UCIP LMA Responsibility		38.783885°	38.783885°	
			-121.655158°	-121.655158°	
DWR ID	20027				
Comment Code					
Inspector Comment					
DS_ID:20027 FS_ID:28883 EP_NO: N/A Repair Type: No Action Needed Crossing Status: Found UCIP Comments: Pumping plat was working during the field visit. Hydraulic gates on outfall structure. Motorized slide gates on waterside shoulder. FIELD_STRUCT_DESC: [Reclamation District No. 1500, Pumping Plant No. 3] 2 of 4: 72-inch by 84-inch reinforced concrete box drainage discharge conduit under the levee, 35 feet below the crown. Two concrete cutoff walls. Pumps in concrete pumping plant on the landside (LS). Timber steps on the LS slope. Two service poles and anchors on the LS shoulder. Electrical control gates in a metal and concrete building on the waterside (WS) shoulder. Flap gates on the WS end. Installed by USACE in 1950. (Construction of a four compartment concrete gravity outlet conduit under the levee authorized under Permit No. 1284, 1948 - Reclamation District No. 1500). [Additional Reference(s): DWR Levee Log, 1993. USACE Sacramento O&M Manual 129, June 1954, (Station 1227+00)]. FS Date: 1/21/2014					

Photo 1 of 3 : UCIP\_FA\_2019\_28883\_53085.jpg



WS view: CM shed for slide gate on levee shoulder (top) and outfall structure at levee toe (bottom).

LM Start	<b>1.92</b>	Rating **	A/W	Issue No.	<b>41 (cont)</b>
LM End	<b>1.92</b>	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP\_FA\_2019\_28883\_53083.jpg



WS view: motorized slide gates in CM shed on levee shoulder.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> 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 2019**

**Reclamation District No. 1500 Sutter Basin**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sutter Bypass	Right	20.72	10/31/2019 10/31/2019	Zach Jojola

LM Start	<b>1.92</b>	Rating **	A/W	Issue No.	<b>42</b>
LM End	<b>1.92</b>	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DRAFT DWR UCIP LMA Responsibility		38.783904 °	38.783904 °	
			-121.655149 °	-121.655149 °	
DWR ID	20028				
Comment Code					
Inspector Comment					
DS_ID:20028 FS_ID:28884 EP_NO: N/A Repair Type: No Action Needed Crossing Status: Found UCIP Comments: Pumping plat was working during the field visit. Hydraulic gates on outfall structure. Motorized slide gates on waterside shoulder. FIELD_STRUCT_DESC: [Reclamation District No. 1500, Pumping Plant No. 3] 3 of 4: 72-inch by 84-inch reinforced concrete box drainage discharge conduit under the levee, 35 feet below the crown. Two concrete cutoff walls. Pumps in concrete pumping plant on the landside (LS). Timber steps on the LS slope. Two service poles and anchors on the LS shoulder. Electrical control gates in a metal and concrete building on the waterside (WS) shoulder. Flap gates on the WS end. Installed by USACE in 1950. (Construction of a four compartment concrete gravity outlet conduit under the levee authorized under Permit No. 1284, 1948 - Reclamation District No. 1500). [Additional Reference(s): DWR Levee Log, 1993. USACE Sacramento O&M Manual 129, June 1954, (Station 1227+00)]. FS Date: 1/21/2014					

Photo 1 of 3 : UCIP\_FA\_2019\_28884\_53089.jpg



WS view: CM shed for slide gate on levee shoulder (top) and outfall structure at levee toe (bottom).

LM Start	<b>1.92</b>	Rating **	A/W	Issue No.	<b>42 (cont)</b>
LM End	<b>1.92</b>	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP\_FA\_2019\_28884\_53088.jpg



WS view: motorized slide gates in CM shed on levee shoulder.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> 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 2019**

**Reclamation District No. 1500 Sutter Basin**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sutter Bypass	Right	20.72	10/31/2019 10/31/2019	Zach Jojola

LM Start	<b>1.92</b>	Rating **	A/W	Issue No.	<b>42 (cont)</b>
LM End	<b>1.92</b>	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DRAFT DWR UCIP LMA Responsibility		38.783904 °	38.783904 °	
			-121.655149 °	-121.655149 °	
DWR ID	20028				
Comment Code					
Inspector Comment					
DS_ID:20028 FS_ID:28884 EP_NO: N/A Repair Type: No Action Needed Crossing Status: Found UCIP Comments: Pumping plat was working during the field visit. Hydraulic gates on outfall structure. Motorized slide gates on waterside shoulder. FIELD_STRUCT_DESC: [Reclamation District No. 1500, Pumping Plant No. 3] 3 of 4: 72-inch by 84-inch reinforced concrete box drainage discharge conduit under the levee, 35 feet below the crown. Two concrete cutoff walls. Pumps in concrete pumping plant on the landside (LS). Timber steps on the LS slope. Two service poles and anchors on the LS shoulder. Electrical control gates in a metal and concrete building on the waterside (WS) shoulder. Flap gates on the WS end. Installed by USACE in 1950. (Construction of a four compartment concrete gravity outlet conduit under the levee authorized under Permit No. 1284, 1948 - Reclamation District No. 1500). [Additional Reference(s): DWR Levee Log, 1993. USACE Sacramento O&M Manual 129, June 1954, (Station 1227+00)]. FS Date: 1/21/2014					

Photo 3 of 3 : UCIP\_FA\_2019\_28884\_53099.jpg



LS view: pump house at the end of levee berm.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> 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 2019**

**Reclamation District No. 1500 Sutter Basin**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sutter Bypass	Right	20.72	10/31/2019 10/31/2019	Zach Jojola

LM Start	<b>1.92</b>	Rating **	A/W	Issue No.	<b>43</b>
LM End	<b>1.92</b>	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DRAFT DWR UCIP LMA Responsibility		38.783924 °	38.783924 °	
			-121.655140 °	-121.655140 °	
DWR ID	20029				
Comment Code					
Inspector Comment					
DS_ID:20029 FS_ID:28885 EP_NO: N/A Repair Type: No Action Needed Crossing Status: Found UCIP Comments: Pumping plat was working during the field visit. Hydraulic gates on outfall structure. Motorized slide gates on waterside shoulder. FIELD_STRUCT_DESC: [Reclamation District No. 1500, Pumping Plant No. 3] 4 of 4: 72-inch by 84-inch reinforced concrete box drainage discharge conduit under the levee, 35 feet below the crown. Two concrete cutoff walls. Pumps in concrete pumping plant on the landside (LS). Timber steps on the LS slope. Two service poles and anchors on the LS shoulder. Electrical control gates in a metal and concrete building on the waterside (WS) shoulder. Flap gates on the WS end. Installed by USACE in 1950. (Construction of a four compartment concrete gravity outlet conduit under the levee authorized under Permit No. 1284, 1948 - Reclamation District No. 1500). [Additional Reference(s): DWR Levee Log, 1993. USACE Sacramento O&M Manual 129, June 1954, (Station 1227+00)]. FS Date: 1/21/2014					

Photo 1 of 3 : UCIP\_FA\_2019\_28885\_53095.jpg



WS view: CM shed for slide gate on levee shoulder (top) and outfall structure at levee toe (bottom).

LM Start	<b>1.92</b>	Rating **	A/W	Issue No.	<b>43 (cont)</b>
LM End	<b>1.92</b>	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP\_FA\_2019\_28885\_53094.jpg



WS view: motorized slide gates in CM shed on levee shoulder.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> 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 2019**

**Reclamation District No. 1500 Sutter Basin**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sutter Bypass	Right	20.72	10/31/2019 10/31/2019	Zach Jojola

LM Start	<b>1.93</b>	Rating **	A/W	Issue No.	<b>44 (cont)</b>
LM End	<b>1.93</b>	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DRAFT DWR UCIP LMA Responsibility			38.784097°	38.784097°
				-121.655073°	-121.655073°
DWR ID	20019				
Comment Code					
Inspector Comment					
DS_ID:20019 FS_ID:28954 EP_NO: 10088 Repair Type: No Action Needed Crossing Status: Found UCIP Comments: USED Bench Mark on concrete structure at waterside shoulder. FIELD_STRUCT_DESC: [Reclamation District No. 1500, Pumping Plant No. 2] 1 of 3: 48-inch by 48-inch reinforced concrete box drainage discharge conduit under the levee, 37 feet below the crown. Two concrete cutoff walls. Pumps in concrete pumping plant on the landside (LS). Slide gates mounted on a concrete structure on the waterside (WS) slope. Discharges in borrow pit. Flap gates on the WS end. (48-inch by 48-inch reinforced concrete box drainage discharge conduit under the levee and all other appurtenances retained under Automatic Board Order (ABO) issued as Permit No. 10088, 1974 - Reclamation District No. 1500). [Additional Reference(s): DWR Levee Log, 1993. USACE Sacramento O&M Manual 129, June 1954, (Station 1226+00)]. FS Date: 1/21/2014					

Photo 3 of 3 : UCIP\_FA\_2019\_28954\_53262.jpg



WS view: USED Bench Mark on concrete structure on levee shoulder.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> 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 2019**

**Reclamation District No. 1500 Sutter Basin**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sutter Bypass	Right	20.72	10/31/2019 10/31/2019	Zach Jojola

LM Start	<b>1.93</b>	Rating **	A/W	Issue No.	<b>45</b>
LM End	<b>1.93</b>	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DRAFT DWR UCIP LMA Responsibility		38.784111°	38.784111°	
			-121.655067°	-121.655067°	
DWR ID	20025				
Comment Code					
Inspector Comment					
DS_ID:20025 FS_ID:28955 EP_NO: 10088 Repair Type: No Action Needed Crossing Status: Found UCIP Comments: USED Bench Mark on concrete structure at levee shoulder. FIELD_STRUCT_DESC: [Reclamation District No. 1500, Pumping Plant No. 2] 2 of 3: 48-inch by 48-inch reinforced concrete box drainage discharge conduit under the levee, 37 feet below the crown. Two concrete cutoff walls. Pumps in concrete pumping plant on the landside (LS). Slide gates mounted on a concrete structure on the waterside (WS) slope. Discharges in borrow pit. Flap gates on the WS end. (48-inch by 48-inch reinforced concrete box drainage discharge conduit under the levee and all other appurtenances retained under Automatic Board Order (ABO) issued as Permit No. 10088, 1974 - Reclamation District No. 1500). [Additional Reference(s): DWR Levee Log, 1993. USACE Sacramento O&M Manual 129, June 1954, (Station 1226+00)]. FS Date: 1/21/2014					

Photo 1 of 3 : UCIP\_FA\_2019\_28955\_53265.jpg



WS view: U type concrete headwall and flap gates on levee toe.

LM Start	<b>1.93</b>	Rating **	A/W	Issue No.	<b>45 (cont)</b>
LM End	<b>1.93</b>	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP\_FA\_2019\_28955\_53263.jpg



WS view: concrete surge structure on waterside shoulder.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> 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 2019**

**Reclamation District No. 1500 Sutter Basin**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sutter Bypass	Right	20.72	10/31/2019 10/31/2019	Zach Jojola

LM Start	<b>1.93</b>	Rating **	A/W	Issue No.	<b>45 (cont)</b>
LM End	<b>1.93</b>	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DRAFT DWR UCIP LMA Responsibility			38.784111 °	38.784111 °
				-121.655067 °	-121.655067 °
DWR ID	20025				
Comment Code					
Inspector Comment					
DS_ID:20025 FS_ID:28955 EP_NO: 10088 Repair Type: No Action Needed Crossing Status: Found UCIP Comments: USED Bench Mark on concrete structure at levee shoulder. FIELD_STRUCT_DESC: [Reclamation District No. 1500, Pumping Plant No. 2] 2 of 3: 48-inch by 48-inch reinforced concrete box drainage discharge conduit under the levee, 37 feet below the crown. Two concrete cutoff walls. Pumps in concrete pumping plant on the landside (LS). Slide gates mounted on a concrete structure on the waterside (WS) slope. Discharges in borrow pit. Flap gates on the WS end. (48-inch by 48-inch reinforced concrete box drainage discharge conduit under the levee and all other appurtenances retained under Automatic Board Order (ABO) issued as Permit No. 10088, 1974 - Reclamation District No. 1500). [Additional Reference(s): DWR Levee Log, 1993. USACE Sacramento O&M Manual 129, June 1954, (Station 1226+00)]. FS Date: 1/21/2014					

Photo 3 of 3 : UCIP\_FA\_2019\_28955\_53264.jpg



WS view: USED Bench Mark on concrete structure at levee shoulder.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> 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 2019**

**Reclamation District No. 1500 Sutter Basin**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sutter Bypass	Right	20.72	10/31/2019 10/31/2019	Zach Jojola

LM Start	<b>1.93</b>	Rating **	A/W	Issue No.	<b>46</b>
LM End	<b>1.93</b>	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DRAFT DWR UCIP LMA Responsibility		38.784127°	38.784127°	
			-121.655057°	-121.655057°	
DWR ID	20026				
Comment Code					
Inspector Comment					
DS_ID:20026 FS_ID:28956 EP_NO: 10088 Repair Type: No Action Needed Crossing Status: Found UCIP Comments: USED Bench Mark on concrete structure at waterside shoulder. FIELD_STRUCT_DESC: [Reclamation District No. 1500, Pumping Plant No. 2] 3 of 3: 48-inch by 48-inch reinforced concrete box drainage discharge conduit under the levee, 37 feet below the crown. Two concrete cutoff walls. Pumps in concrete pumping plant on the landside (LS). Slide gates mounted on a concrete structure on the waterside (WS) slope. Discharges in borrow pit. Flap gates on the WS end. (48-inch by 48-inch reinforced concrete box drainage discharge conduit under the levee and all other appurtenances retained under Automatic Board Order (ABO) issued as Permit No. 10088, 1974 - Reclamation District No. 1500). [Additional Reference(s): DWR Levee Log, 1993. USACE Sacramento O&M Manual 129, June 1954, (Station 1226+00)]. FS Date: 1/21/2014					

Photo 1 of 3 : UCIP\_FA\_2019\_28956\_53269.jpg



WS view: U type concrete headwall and flap gates on levee toe.

LM Start	<b>1.93</b>	Rating **	A/W	Issue No.	<b>46 (cont)</b>
LM End	<b>1.93</b>	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP\_FA\_2019\_28956\_53268.jpg



WS view: U type concrete headwall and flap gates on levee toe.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> 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 2019**

**Reclamation District No. 1500 Sutter Basin**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sutter Bypass	Right	20.72	10/31/2019 10/31/2019	Zach Jojola

LM Start	<b>1.93</b>	Rating **	A/W	Issue No.	<b>46 (cont)</b>
LM End	<b>1.93</b>	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DRAFT DWR UCIP LMA Responsibility			38.784127°	38.784127°
				-121.655057°	-121.655057°
DWR ID	20026				
Comment Code					
Inspector Comment					
DS_ID:20026 FS_ID:28956 EP_NO: 10088 Repair Type: No Action Needed Crossing Status: Found UCIP Comments: USED Bench Mark on concrete structure at waterside shoulder. FIELD_STRUCT_DESC: [Reclamation District No. 1500, Pumping Plant No. 2] 3 of 3: 48-inch by 48-inch reinforced concrete box drainage discharge conduit under the levee, 37 feet below the crown. Two concrete cutoff walls. Pumps in concrete pumping plant on the landside (LS). Slide gates mounted on a concrete structure on the waterside (WS) slope. Discharges in borrow pit. Flap gates on the WS end. (48-inch by 48-inch reinforced concrete box drainage discharge conduit under the levee and all other appurtenances retained under Automatic Board Order (ABO) issued as Permit No. 10088, 1974 - Reclamation District No. 1500). [Additional Reference(s): DWR Levee Log, 1993. USACE Sacramento O&M Manual 129, June 1954, (Station 1226+00)]. FS Date: 1/21/2014					

Photo 3 of 3 : UCIP\_FA\_2019\_28956\_53267.jpg



WS view: USED Bench Mark on concrete structure at levee shoulder.

LM Start	<b>1.95</b>	Rating **	C	Issue No.	<b>22</b>
LM End	<b>1.95</b>	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Crown Surface / Depressions / Rutting			38.784296°	38.784296°
				-121.654997°	-121.654997°
DWR ID	DWR_RD1500_02_s_2019_22				
Comment Code					
C2 : Repair depressions or ruts in the crown or slope.					
Inspector Comment					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> 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 2019**

**Reclamation District No. 1500 Sutter Basin**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sutter Bypass	Right	20.72	10/31/2019 10/31/2019	Zach Jojola

LM Start	<b>1.98</b>	Rating **	A/W	Issue No.	<b>47</b>
LM End	<b>1.98</b>	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DRAFT DWR UCIP LMA Responsibility			38.784783 °	38.784783 °
				-121.654791 °	-121.654791 °
DWR ID	20088				
Comment Code					
Inspector Comment					
DS_ID:20088 FS_ID:28891 EP_NO: 10088 Repair Type: No Action Needed Crossing Status: Found UCIP Comments: Pumping plant was working during the field visit. Three 8.5 ft. X 8.5 ft. concrete box on waterside shoulder. FIELD_STRUCT_DESC: [Reclamation District No. 1500, Pumping Plant No. 1] 1 of 3: 84-inch by 84-inch reinforced concrete box drainage discharge conduit under the levee, 24 feet below the crown. Pumps in concrete pumping plant on the landside (LS). Slide gates mounted on a concrete structure on the waterside (WS) slope. Discharges in a concrete spillway and the borrow pit. Ramp on the WS slope. (84-inch by 84-inch reinforced concrete box drainage discharge conduit under the levee and all other appurtenances retained under Automatic Board Order (ABO) issued as Permit No. 10088, 1974 - Reclamation District No. 1500). [Additional Reference(s): DWR Levee Log, 2005. USACE Sacramento O&M Manual 129, June 1954, (Station 1224+75), three 78-inch concrete conduits referenced]. FS Date: 1/21/2014					

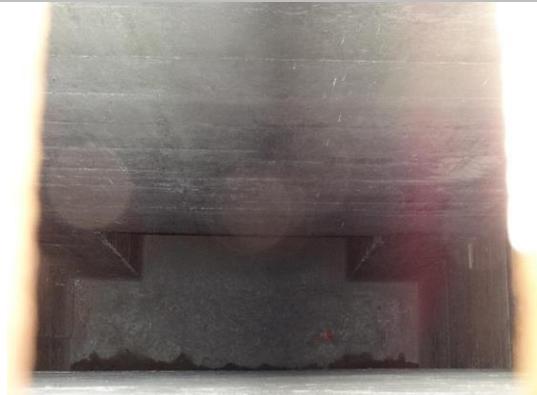
Photo 1 of 3 : UCIP\_FA\_2019\_28891\_53137.jpg



WS view: slide gate in concrete box on levee shoulder.

LM Start	<b>1.98</b>	Rating **	A/W	Issue No.	<b>47 (cont)</b>
LM End	<b>1.98</b>	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP\_FA\_2019\_28891\_53136.jpg



WS view: inside view of concrete box on levee shoulder.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> 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 2019**

**Reclamation District No. 1500 Sutter Basin**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sutter Bypass	Right	20.72	10/31/2019 10/31/2019	Zach Jojola

LM Start	<b>1.98</b>	Rating **	A/W	Issue No.	<b>47 (cont)</b>
LM End	<b>1.98</b>	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DRAFT DWR UCIP LMA Responsibility			38.784783 °	38.784783 °
				-121.654791 °	-121.654791 °
DWR ID	20088				
Comment Code					
Inspector Comment					
DS_ID:20088 FS_ID:28891 EP_NO: 10088 Repair Type: No Action Needed Crossing Status: Found UCIP Comments: Pumping plant was working during the field visit. Three 8.5 ft. X 8.5 ft. concrete box on waterside shoulder. FIELD_STRUCT_DESC: [Reclamation District No. 1500, Pumping Plant No. 1] 1 of 3: 84-inch by 84-inch reinforced concrete box drainage discharge conduit under the levee, 24 feet below the crown. Pumps in concrete pumping plant on the landside (LS). Slide gates mounted on a concrete structure on the waterside (WS) slope. Discharges in a concrete spillway and the borrow pit. Ramp on the WS slope. (84-inch by 84-inch reinforced concrete box drainage discharge conduit under the levee and all other appurtenances retained under Automatic Board Order (ABO) issued as Permit No. 10088, 1974 - Reclamation District No. 1500). [Additional Reference(s): DWR Levee Log, 2005. USACE Sacramento O&M Manual 129, June 1954, (Station 1224+75), three 78-inch concrete conduits referenced]. FS Date: 1/21/2014					

Photo 3 of 3 : UCIP\_FA\_2019\_28891\_53135.jpg



WS view: outfall structure on levee toe and concrete box on levee shoulder.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> 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 2019**

**Reclamation District No. 1500 Sutter Basin**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sutter Bypass	Right	20.72	10/31/2019 10/31/2019	Zach Jojola

LM Start	<b>1.99</b>	Rating **	A/W	Issue No.	<b>49 (cont)</b>
LM End	<b>1.99</b>	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DRAFT DWR UCIP LMA Responsibility		38.784856 °	38.784856 °	
			-121.654762 °	-121.654762 °	
DWR ID	20093				
Comment Code					
Inspector Comment					
DS_ID:20093 FS_ID:28893 EP_NO: 10088 Repair Type: No Action Needed Crossing Status: Found UCIP Comments: Pumping plant was working during the field visit. Three 8.5 ft. X 8.5 ft. concrete box on waterside shoulder. FIELD_STRUCT_DESC: [Reclamation District No. 1500, Pumping Plant No. 1] 3 of 3: 84-inch by 84-inch reinforced concrete box drainage discharge conduit under the levee, 24 feet below the crown. Pumps in concrete pumping plant on the landside (LS). Slide gates mounted on a concrete structure on the waterside (WS) slope. Discharges in a concrete spillway and the borrow pit. Ramp on the WS slope. (84-inch by 84-inch reinforced concrete box drainage discharge conduit under the levee and all other appurtenances retained under Automatic Board Order (ABO) issued as Permit No. 10088, 1974 - Reclamation District No. 1500). [Additional Reference(s): DWR Levee Log, 2005. USACE Sacramento O&M Manual 129, June 1954, (Station 1224+75), three 78-inch concrete conduits referenced]. FS Date: 1/21/2014					

Photo 3 of 3 : UCIP\_FA\_2019\_28893\_53155.jpg



WS view: outfall structure on levee toe and concrete box on levee shoulder.

LM Start	<b>8.31</b>	Rating **	A/W	Issue No.	<b>20</b>
LM End	<b>8.31</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Animal Control		38.872391 °	38.872391 °	
			-121.642262 °	-121.642262 °	
DWR ID	DWR_RD1500_02_f_2019_20				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					
Rodent hole on the landside slope. Recommend monitoring.					

Photo 1 of 1 : FA\_2019\_RD1500\_190\_20\_20191104\_00042.jpg



View of rodent hole on the landside slope. Fall 2019.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> 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 2019**

**Reclamation District No. 1500 Sutter Basin**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sutter Bypass	Right	20.72	10/31/2019 10/31/2019	Zach Jojola

LM Start	<b>14.13</b>	Rating **	U	Issue No.	<b>4</b>
LM End	<b>14.13</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Underseepage Relief Wells			38.947628°	38.947628°
				-121.669764°	-121.669764°
DWR ID	DWR_RD1500_02_s_2012_4				
Comment Code					
Inspector Comment					
The concrete pad and the PVC underneath are broken apparently by an attempt to pull out the head of the well.					

Photo 1 of 3 : FA\_2019\_RD1500\_190\_4\_20190829\_00001.jpg



View of underseepage relief well with destroyed concrete pad as well as PVC pipes. Fall 2016.

LM Start	<b>14.13</b>	Rating **	U	Issue No.	<b>4 (cont)</b>
LM End	<b>14.13</b>	Issue Type +	Ma	Location *	LS

Photo 2 of 3 : FA\_2019\_RD1500\_190\_4\_20190829\_00002.jpg



Another view of damaged well. Fall 2016.

LM Start	<b>14.13</b>	Rating **	U	Issue No.	<b>4 (cont)</b>
LM End	<b>14.13</b>	Issue Type +	Ma	Location *	LS

Photo 3 of 3 : FA\_2019\_RD1500\_190\_4\_20190829\_00003.jpg



View of the relief well at historical boil 12. Fall 2015.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> 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 2019**

**Reclamation District No. 1500 Sutter Basin**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sutter Bypass	Right	20.72	10/31/2019 10/31/2019	Zach Jojola

LM Start	<b>14.47</b>	Rating **	A/W	Issue No.	<b>11</b>
LM End	<b>14.47</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Underseepage Relief Wells		38.951413 °	38.951413 °	
			-121.673856 °	-121.673856 °	
DWR ID	DWR_RD1500_02_s_2012_11				
Comment Code					
Inspector Comment					

Photo 1 of 1 : FA\_2019\_RD1500\_190\_11\_20190829\_00004.jpg



A relief well at historical boil 16. Fall 2015.

LM Start	<b>18.17</b>	Rating **	A/W	Issue No.	<b>13</b>
LM End	<b>18.17</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Underseepage Relief Wells		38.987031 °	38.987031 °	
			-121.725049 °	-121.725049 °	
DWR ID	DWR_RD1500_02_s_2012_13				
Comment Code					
Inspector Comment					

Photo 1 of 2 : FA\_2019\_RD1500\_190\_13\_20190829\_00006.jpg



View of two of four drains on the landward side of the levee. Fall 2015.

LM Start	<b>18.17</b>	Rating **	A/W	Issue No.	<b>13 (cont)</b>
LM End	<b>18.17</b>	Issue Type +	Ma	Location *	LS

Photo 2 of 2 : FA\_2019\_RD1500\_190\_13\_20190829\_00007.jpg



View of the 4 drains at the levee toe on the landward side. Fall 2015.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> 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 2019**

**Reclamation District No. 1500 Sutter Basin**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sutter Bypass	Right	20.72	10/31/2019 10/31/2019	Zach Jojola

LM Start	<b>18.43</b>	Rating **	A/W	Issue No.	<b>15</b>
LM End	<b>18.43</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Underseepage Relief Wells		38.989962°	38.989962°	
			-121.727896°	-121.727896°	
DWR ID	DWR_RD1500_02_s_2015_15				
Comment Code					
Inspector Comment					

Photo 1 of 1 : FA\_2019\_RD1500\_190\_15\_20190829\_00008.jpg



View of the toe drainage at the landward toe berm. Fall 2015.

LM Start	<b>18.73</b>	Rating **	C	Issue No.	<b>23</b>
LM End	<b>18.73</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.993748°	38.993748°	
			-121.730807°	-121.730807°	
DWR ID	DWR_RD1500_02_s_2019_23				
Comment Code					
TR : Tree or limb					
Inspector Comment					
There is a fallen tree on the waterside slope.					

No Photos

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