

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Reclamation District No. 2035 Conaway

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Cache Creek Settling Basin	Right	2.01	04/04/2024 04/04/2024	Nate Hicks

LM Start	0.00	Rating **	A	Issue No.	3
LM End	0.00	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Operations & Maintenance Manuals			°	°
				°	°
DWR ID	DWR_RD2035_01_s _ 2013_3				
Comment Code					
OM : O&M Manuals					
Inspector Comment					
The LMA stated that they keep a copy of the O&M manuals on hand at the district office.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	4
LM End	0.00	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Emergency Supplies & Equipment			°	°
				°	°
DWR ID	DWR_RD2035_01_s _ 2013_4				
Comment Code					
ES : Emergency Supplies & Equipment					
Inspector Comment					
The district has emergency supplies and equipment on hand at their district office.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	5
LM End	0.00	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Flood Preparedness & Training			°	°
				°	°
DWR ID	DWR_RD2035_01_s _ 2013_5				
Comment Code					
FP : Flood Preparedness & Training					
Inspector Comment					
The LMA is current with flood fight training.					

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. 2035 Conaway

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Cache Creek Settling Basin	Right	2.01	04/04/2024 04/04/2024	Nate Hicks

LM Start	0.02	Rating **	A	Issue No.	8	
LM End	0.02	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			38.677377°	38.677377°	
				-121.709487°	-121.709487°	
DWR ID	17814					
Comment Code						
Inspector Comment						
DS_ID:17814 FS_ID:77644 EP_NO: 10127 Repair Type: No Action Needed EVAL Issue: Crossing Status: Found UCIP Comments: 03/09/2022 The record has been update from No Action Needed to Non Urgent. The structure appears to be in good condition. (M. Thao - DWR UCIP)08/16/2019 Pending update... record will be updated in 2020. (O. Magana - DWR UCIP) FIELD_STRUCT_DESC: 42-inch concrete encased corrugated metal drainage pipe through the levee, 10 feet below the crown. Flap gate on the waterside (WS) end. Grouted spillway on the WS. Pipe exposed on the landside (LS). (36-inch pipe [HLM 0.02] authorized under Automatic Board Order (ABO) issued as Permit No. 10127, 1974 - City of Woodland, Department of Public Works). [Additional Reference(s): DWR Levee Log, 1990 (HLM 0.02). USACE Sacramento O&M Manual, Unit 126, November 1961, Revised 29 December 2016, (HLM 0.01), listed as 42-inch CMP 5.5 feet below the crown. USACE As-Built Drawing No. 50-04-3227, January 1960, Sheet 33, STA 775+14, listed as 42-inch concrete pipe encased in concrete conduit]. FS Date: 3/9/2022						

LM Start	0.02	Rating **	A	Issue No.	8 (cont)
LM End	0.02	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_SP_2024_77644_107275.jpg



Levee crown looking downstream.

Photo 2 of 3 : UCIP_SP_2024_77644_107276.jpg



LS view: Concrete encased pipe.

* 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 Cache Creek Settling Basin	Right	2.01	04/04/2024 04/04/2024	Nate Hicks

LM Start	0.02	Rating **	A	Issue No.	8 (cont)
LM End	0.02	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.677377°	38.677377°
				-121.709487°	-121.709487°
DWR ID	17814				

Photo 3 of 3 : UCIP_SP_2024_77644_107277.jpg



WS view: Flap gate and spillway on WS toe (view facing levee from WS).

LM Start	0.81	Rating **	A	Issue No.	2
LM End	0.81	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.677305°	38.677305°
				-121.694842°	-121.694842°
DWR ID	DWR_RD2035_01_s_2024_2				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

Photo 1 of 1 : SP_2024_RD2035_238_2_20240408_00005.jpg



View of good vegetation management on the waterside slope (Spring 2024).

LM Start	0.98	Rating **	M	Issue No.	6
LM End	0.98	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Vehicle Traffic			38.677282°	38.677282°
				-121.691804°	-121.691804°
DWR ID	DWR_RD2035_01_s_2024_6				
Comment Code					
E6 : Repair the levee slope damaged by vehicle traffic and prevent access where possible.					
Inspector Comment					
Vehicle rut on the levee crown.					

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. 2035 Conaway

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Right	7.63	04/04/2024 04/04/2024	Nate Hicks

LM Start	0.38	Rating **	U	Issue No.	980
LM End	0.38	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.671813°	38.671813°
				-121.671581°	-121.671581°
DWR ID	17822				
Comment Code					
Inspector Comment					
DS_ID:17822 FS_ID:78134 EP_NO: N/A Repair Type: Urgent EVAL Issue: 3a, Flood Risk Crossing Status: Found UCIP Comments: 02/15/2022 The record remains Urgent. Flap gate on WS was partially submerged at the time of inspection, so unable to confirm if the broken flap gate noted in 2013 has been repaired. No permit has been identified authorizing pipe. (Mike T. - DWR UCIP)08/16/2019 Pending update... record will be updated in 2020. (O. Magana - DWR UCIP)10/30/2018 Same as last inspection. Flap gate on the WS was submerged at the time of the inspection. Erosion is still present behind the headwall. Sink hole/burrow activity was observed along the concrete box located on the LS. Recommend internal inspection of the pipe section through levee to determine the condition of the pipe through the levee. Crossing remains Urgent due to signs of pipe leakage on LS. (O. Magana - DWR UCIP)09/14/2016 - Flap gate on the WS was submerged at time of inspection. LS headwall at the pumping plant has exposed rebar. There is still erosion present behind the headwall. However, water was present making it difficult to determine if it is getting worse. As-built drawings were requested from LMA consultant representative. (T. Hatch/UCIP)04/02/2013 - Flap gate broken in half on WS toe. Some erosion at headwalls on pumping plant. (W. Wylie/UCIP) FIELD_STRUCT_DESC: 44-inch corrugated metal drainage pipe through the levee, 22 feet below the crown. Pump on platform in drainage ditch at the landside (LS) toe. Slide gate and flap gates in a 5-foot by 9-foot concrete box. Flap gate on the waterside (WS) toe. 8-inch vent/standpipe at the WS toe. [Additional Reference(s): DWR Levee Log, 1990 (HLM 0.37), listed as 48-inch corrugated metal pipe. USACE Sacramento O&M Manual 121, May 1959, Revised 23 November 2021, (HLM 0.4), listed as 4-foot by 4-foot concrete culvert]. FS Date: 2/15/2022					

Photo 1 of 2 : UCIP_SP_2024_78134_106894.jpg



WS view: Pipe with vent riser on toe.

* 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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Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Reclamation District No. 2035 Conaway

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Right	7.63	04/04/2024 04/04/2024	Nate Hicks

LM Start	0.38	Rating **	U	Issue No.	980 (cont)	
LM End	0.38	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP LMA Responsibility			38.671813°		38.671813°
				-121.671581°		-121.671581°
DWR ID	17822					

Photo 2 of 2 : UCIP_SP_2024_78134_106895.jpg



WS view: Pipe outlet with flap gate; unable to determine if flap gate has been repaired.

LM Start	1.20	Rating **	A/W	Issue No.	11
LM End	1.24	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2018 USACE Erosion Survey			38.660050°	38.659465°
				-121.669028°	-121.668940°
DWR ID	DWR_RD2035_02_f_2018_11				
Comment Code					
Inspector Comment					
2018 Site ID: YOL 1.2 R					
Status: Eroding					
2018 Field Notes: Last observed in 2017.					
Site History: 2011 - Small sections of slumping, likely from wind wave.					
2017 - Small amount of toe erosion.					

Photo 1 of 1 : SP_2024_RD2035_239_11_20240308_00002.jpg



View of erosion on the waterside slope. Fall 2022.

LM Start	1.24	Rating **	M	Issue No.	20
LM End	1.28	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.659432°	38.658859°
				-121.669105°	-121.668989°
DWR ID	DWR_RD2035_02_f_2023_20				
Comment Code					
E2 : Schedule repair of erosion site prior to the next inspection.					
Inspector Comment					

Photo 1 of 1 : SP_2024_RD2035_239_20_20240308_00008.jpg



View of erosion on waterside slope (Fall 2023).

* 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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Levee Inspections****Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024****Reclamation District No. 2035 Conaway**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Right	7.63	04/04/2024 04/04/2024	Nate Hicks

LM Start	1.98	Rating **	A/W	Issue No.	12
LM End	2.03	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2018 USACE Erosion Survey			38.648881°	38.648178°
				-121.666653°	-121.666385°
DWR ID	DWR_RD2035_02_s_2024_12				
Comment Code					
Inspector Comment					
2018 Site ID: YOL 2.0 R					
Status: Eroding					
2018 Field Notes: Last observed in 2017.					
Site History: 2006 - Wave wash erosion and some saturation slumping occurring. Tension/separation cracks evident in fine grained levee slope materials. 2011 - Small sections of slumping lower bank, just downstream of bank rock. 2016 - New cracks observed at the midslope. 2017 - Toe continues to erode.					

Photo 1 of 1 : SP_2024_RD2035_239_12_20240308_00003.jpg



View of erosion on the waterside slope. Fall 2022.

LM Start	2.15	Rating **	M	Issue No.	982
LM End	2.15	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.646445°	38.646445°
				-121.666423°	-121.666423°
DWR ID	17833				
Comment Code					
Inspector Comment					
DS_ID:17833 FS_ID:78206 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Crossing Status: Found UCIP Comments: 02/15/2022 The record was updated from No Action Needed to Non-Urgent due to no permit authorizing the encroachment. Overall, the structure was observed to be in good condition with typical weather behind the headwall on the LS. (M. Thao - DWR UCIP) FIELD_STRUCT_DESC: 1 of 2: 60-inch drainage pipe of an unknown material through the levee, 26 feet below the crown. Concrete well and gate structure on the waterside (WS) slope. [Additional Reference(s): DWR Levee Log, 1990 (HLM 2.13). USACE Sacramento O&M Manual 121, May 1959, Revised 23 November 2021, (HLM 2.3), listed as 6-foot by 6-foot concrete culvert]. FS Date: 2/15/2022					

Photo 1 of 3 : UCIP_SP_2024_78206_107030.jpg



Levee crown looking downstream.

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

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Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Reclamation District No. 2035 Conaway

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Right	7.63	04/04/2024 04/04/2024	Nate Hicks

LM Start	2.15	Rating **	M	Issue No.	982 (cont)
LM End	2.15	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.646445°	38.646445°
				-121.666423°	-121.666423°
DWR ID	17833				

Photo 2 of 3 : UCIP_SP_2024_78206_107032.jpg



LS view: Pipe intake headwall.

LM Start	2.15	Rating **	M	Issue No.	982 (cont)
LM End	2.15	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2024_78206_107031.jpg



WS view: Slide gate operators and concrete vault on WS 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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Reclamation District No. 2035 Conaway

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Right	7.63	04/04/2024 04/04/2024	Nate Hicks

LM Start	2.15	Rating **	A	Issue No.	983	
LM End	2.15	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			38.646425°	38.646425°	
				-121.666421°	-121.666421°	
DWR ID	17877					
Comment Code						
Inspector Comment						
DS_ID:17877 FS_ID:78205 EP_NO: N/A Repair Type: No Action Needed EVAL Issue: Crossing Status: Found UCIP Comments: 02/15/2022 The record was updated from No Action Needed to Non-Urgent due to no permit authorizing the encroachment. Overall, the structure was observed to be in good condition with typical weather behind the headwall on the LS. (M. Thao - DWR UCIP) FIELD_STRUCT_DESC: 2 of 2: 60-inch drainage pipe of an unknown material through the levee, 26 feet below the crown. Concrete well and gate structure on the waterside (WS) slope. Concrete headwalls on both ends. [Additional Reference(s): DWR Levee Log, 1990 (HLM 2.13). USACE Sacramento O&M Manual 121, May 1959, Revised 23 November 2021, (HLM 2.3), listed as 6-foot by 6-foot concrete culvert]. FS Date: 2/15/2022						

Photo 1 of 3 : UCIP_SP_2024_78205_107033.jpg



Levee crown looking downstream.

LM Start	2.15	Rating **	A	Issue No.	983 (cont)
LM End	2.15	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_SP_2024_78205_107035.jpg



LS view: Pipe intake headwall.

* 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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Levee Inspections**

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Reclamation District No. 2035 Conaway

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Right	7.63	04/04/2024 04/04/2024	Nate Hicks

LM Start	2.15	Rating **	A	Issue No.	983 (cont)
LM End	2.15	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.646425°	38.646425°
				-121.666421°	-121.666421°
DWR ID	17877				

Photo 3 of 3 : UCIP_SP_2024_78205_107034.jpg



WS view: Slide gate operators and concrete vault on WS slope.

LM Start	2.26	Rating **	A/W	Issue No.	13
LM End	2.60	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2018 USACE Erosion Survey			38.645319°	38.640997°
				-121.665089°	-121.661878°
DWR ID	DWR_RD2035_02_f_2018_13				
Comment Code					
Inspector Comment					
2018 Site ID: YOL 2.3 R					
Status: Eroding					
2018 Field Notes: Last observed in 2017.					
Site History: 2011 - Erosion from wind waves along entire length of the levee toe. Several sections of slumping bank along the toe. 2016 - Fresh cracks observed. 2017 - Minor new toe erosion.					

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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Levee Inspections****Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024****Reclamation District No. 2035 Conaway**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Right	7.63	04/04/2024 04/04/2024	Nate Hicks

LM Start	2.78	Rating **	A/W	Issue No.	14
LM End	3.26	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2018 USACE Erosion Survey			38.638731°	38.632783°
				-121.660247°	-121.655864°
DWR ID	DWR_RD2035_02_f_2018_14				
Comment Code					
Inspector Comment					
2018 Site ID: YOL 2.8 R					
Status: Eroding					
2018 Field Notes: Last observed in 2017.					
Site History: 2011 - Wave wash erosion and several sections of slumping bank along the toe. 2017 - Erosion creeps further into the levee toe.					

Photo 1 of 1 : SP_2024_RD2035_239_14_20240308_00004.jpg



View of erosion at the waterside toe. Spring 2022.

LM Start	2.79	Rating **	M	Issue No.	19
LM End	2.79	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.638511°	38.638511°
				-121.660277°	-121.660277°
DWR ID	DWR_RD2035_02_f_2020_19				
Comment Code					
E2 : Schedule repair of erosion site prior to the next inspection.					
Inspector Comment					

Photo 1 of 1 : SP_2024_RD2035_239_19_20240308_00007.jpg



View of erosion on waterside slope (Fall 2023).

LM Start	3.42	Rating **	M	Issue No.	18
LM End	3.70	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.630657°	38.627153°
				-121.654502°	-121.651890°
DWR ID	DWR_RD2035_02_s_2020_18				
Comment Code					
E2 : Schedule repair of erosion site prior to the next inspection.					
Inspector Comment					

Photo 1 of 1 : SP_2024_RD2035_239_18_20240308_00006.jpg



View of erosion on waterside slope (Fall 2023).

* Location LS : Land Side 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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Levee Inspections****Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024****Reclamation District No. 2035 Conaway**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Right	7.63	04/04/2024 04/04/2024	Nate Hicks

LM Start	3.70	Rating **	C	Issue No.	15
LM End	3.99	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2018 USACE Erosion Survey			38.627145°	38.623533°
				-121.651820°	-121.649176°
DWR ID	DWR_RD2035_02_f_2018_15				
Comment Code					
Inspector Comment					
Corrected.					

No Photos

LM Start	4.09	Rating **	M	Issue No.	22
LM End	4.41	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.622250°	38.618229°
				-121.648296°	-121.645344°
DWR ID	DWR_RD2035_02_f_2023_22				
Comment Code					
E2 : Schedule repair of erosion site prior to the next inspection.					
Inspector Comment					

Photo 1 of 1 : SP_2024_RD2035_239_22_20240308_00009.jpg



View of erosion along the waterside slop looking upstream (Fall 2023).

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	+ 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 Yolo Bypass	Right	7.63	04/04/2024 04/04/2024	Nate Hicks

LM Start	4.09	Rating **	A/W	Issue No.	16
LM End	4.41	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2018 USACE Erosion Survey			38.622224°	38.618302°
				-121.648201°	-121.645296°
DWR ID	DWR_RD2035_02_f_2018_16				
Comment Code					
Inspector Comment					
2018 Site ID: YOL 4.2 R					
Status: Eroding					
2018 Field Notes: Last observed in 2017.					
Site History: 2006 - Wave wash erosion and some saturation slumping occurring. Several small scallops present in lower levee slope/toe due to saturation slumping. Tension/separation cracks evident in finegrained levee slope materials. 2011 - Small pockets of erosion throughout the site. Site formerly called 3.8.					

No Photos

LM Start	4.41	Rating **	M	Issue No.	984	
LM End	4.41	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			38.618215°	38.618215°	
				-121.645363°	-121.645363°	
DWR ID	17869					
Comment Code						
Inspector Comment						
DS_ID:17869 FS_ID:72251 EP_NO: 15563 Repair Type: Non-Urgent EVAL Issue: 4b, Safety Issue Crossing Status: Found UCIP Comments: 02/15/2022 The record was updated from No Action Needed to Non-Urgent. There was no cover on the riser causing a safety hazard. Inspection of the pipe outlet was limited due to the dense vegetation and water present. This pipe replaces DSID 17827. (M. Thao - DWR UCIP) FIELD_STRUCT_DESC: 48-inch corrugated metal dual-purpose pipe through the levee, 16.5 feet below the crown. Slide gate in a 60-inch steel riser on the waterside (WS). Concrete headwalls on both ends. This pipe was installed to replace an existing 48-inch pipe at the same location. (48-inch pipe authorized under Permit No. 15563, 1990 - Reclamation District No. 2035, existing pipe removed). FS Date: 2/15/2022						

Photo 1 of 1 : UCIP_SP_2024_72251_107044.jpg



WS view: Steel riser with no cover and slide gate on the 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 - Spring 2024****Reclamation District No. 2035 Conaway**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Right	7.63	04/04/2024 04/04/2024	Nate Hicks

LM Start	5.32	Rating **	A/W	Issue No.	21
LM End	6.38	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.606835°	38.592366°
				-121.636939°	-121.631280°
DWR ID	DWR_RD2035_02_f_2023_21				
Comment Code					
E1 : Note and monitor erosion site.					
Inspector Comment					

No Photos

LM Start	6.29	Rating **	A	Issue No.	9
LM End	6.29	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.593633°	38.593633°
				-121.631276°	-121.631276°
DWR ID	DWR_RD2035_02_s_2024_9				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

Photo 1 of 1 : SP_2024_RD2035_239_9_20240408_00031.jpg



View of good vegetation management on the landside slope (Spring 2024).

* 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 - Spring 2024

Reclamation District No. 2035 Conaway

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Right	7.63	04/04/2024 04/04/2024	Nate Hicks

LM Start	6.50	Rating **	M	Issue No.	986	
LM End	6.50	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			38.590691°	38.590691°	
				-121.631284°	-121.631284°	
DWR ID	17868					
Comment Code						
Inspector Comment						
DS_ID:17868 FS_ID:72221 EP_NO: 16480 Repair Type: Non-Urgent EVAL Issue: 6, Levee Damage or Threat for Levee Damage Crossing Status: Found UCIP Comments: 02/17/2022 The record remains Non-Urgent. Erosion is still present on the sheet pile walls of the pumping plant. The erosion does not appear to pose an imminent threat to levee integrity since the erosion is off the LS toe. This pipe replaces DSID 17830. (M. Thao - DWR UCIP)09/14/2016 Erosion on the LS toe at the sheet pile walls for the pumping plant is still present. It does not appear to be significantly different than during the previous inspection. Erosion should be monitored, but at this time does not appear to result in a potential threat to levee integrity. (T. Hatch/UCIP)04/03/2013 Erosion on LS toe at pumping plant. Severe erosion of sheet pile walls at pumping plant. (W. Wylie/UCIP) FIELD_STRUCT_DESC: 1 of 2: 60-inch by 48-inch reinforced concrete box drainage culvert through the levee, 22 feet below the crown. Steel walkway to the slide gate handles on the waterside (WS) shoulder. 6-foot by 18-foot surge box and pumping plant on the landside (LS) toe. This culvert replaced a 48-inch at the same location. (construct two 60-inch concrete box drainage conduits and remove two 48-inch pipelines, work authorized under Permit No. 16480, 1995 - Conaway Conservancy Group and Reclamation District No. 2035). FS Date: 2/17/2022						

LM Start	6.50	Rating **	M	Issue No.	986 (cont)
LM End	6.50	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_SP_2024_72221_107058.jpg



LS view: Pumping plant off LS toe.

Photo 2 of 3 : UCIP_SP_2024_72221_107057.jpg



LS view: Erosion on the southern side of the pumping plant.

* 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 - Spring 2024

Reclamation District No. 2035 Conaway

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Right	7.63	04/04/2024 04/04/2024	Nate Hicks

LM Start	6.50	Rating **	M	Issue No.	986 (cont)
LM End	6.50	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.590691°	38.590691°
				-121.631284°	-121.631284°
DWR ID	17868				

Photo 3 of 3 : UCIP_SP_2024_72221_107059.jpg



LS view: Erosion on the northern side of the pumping plant.

LM Start	6.50	Rating **	M	Issue No.	987
LM End	6.50	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.590680°	38.590680°
				-121.631283°	-121.631283°
DWR ID	17891				

Comment Code

Inspector Comment

DS_ID:17891
 FS_ID:72220
 EP_NO: 16480
 Repair Type: Non-Urgent
 EVAL Issue: 6, Levee Damage or Threat for Levee Damage
 Crossing Status: Found
 UCIP Comments: 02/17/2022 The record remains Non-Urgent. Erosion is still present on the sheet pile walls of the pumping plant. The erosion does not appear to pose an imminent threat to levee integrity since the erosion is off the LS toe. This pipe replaces DSID 17884. (M. Thao - DWR UCIP)09/14/2016 Erosion is still present on the LS of the levee off the WS toe. This erosion should continue to be monitored, but does not appear to be a threat to levee integrity at this time. (T. Hatch/UCIP)04/02/2013 Severe erosion at pumping plant on LS toe. (W. Wylie/UCIP)
 FIELD_STRUCT_DESC: 2 of 2: 60-inch by 48-inch reinforced concrete box drainage culvert through the levee, 22 feet below the crown. Steel walkway to the slide gate handles on the waterside (WS) shoulder. 6-foot by 18-foot surge box and pumping plant on the landside (LS) toe. This culvert replaced a 48-inch at the same location. (construct two 60-inch concrete box drainage conduits and remove two 48-inch pipelines, work authorized under Permit No. 16480, 1995 - Conaway Conservancy Group and Reclamation District No. 2035).
 FS Date: 2/17/2022

Photo 1 of 3 : UCIP_SP_2024_72220_107066.jpg



LS view: Pumping plant off LS toe.

* 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 - Spring 2024

Reclamation District No. 2035 Conaway

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Right	7.63	04/04/2024 04/04/2024	Nate Hicks

LM Start	6.50	Rating **	M	Issue No.	987 (cont)
LM End	6.50	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		38.590680°	38.590680°	
			-121.631283°	-121.631283°	
DWR ID	17891				

Photo 2 of 3 : UCIP_SP_2024_72220_107065.jpg



LS view: Erosion on the southern side of the pumping plant.

LM Start	6.50	Rating **	M	Issue No.	987 (cont)
LM End	6.50	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2024_72220_107067.jpg



LS view: Erosion on the northern side of the pumping plant.

* 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 - Spring 2024****Reclamation District No. 2035 Conaway**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Willow Slough Bypass	Left	2.51	04/04/2024 04/04/2024	Nate Hicks

LM Start	1.39	Rating **	M	Issue No.	974
LM End	1.39	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.589425°	38.589425°
				-121.645359°	-121.645359°
DWR ID	17836				
Comment Code					
Inspector Comment					
DS_ID:17836 FS_ID:78554 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: 11, Maintenance Compliance Issue Crossing Status: Found UCIP Comments: 02/17/2022 The record remains Non-Urgent. No permit was found authorizing this encroachment. Inspection of pipe inlet was limited due to water present in the canal. Inspection of pipe outlet was limited due to excessive vegetation. Recommend removing vegetation at the outlet. No permit has been identified authorizing pipe. (M. Thao - DWR UCIP)04/03/2013 Need to clear vegetation and debris from WS at outlet. (W. Wylie - DWR UCIP) FIELD_STRUCT_DESC: 36-inch corrugated metal drainage pipe through the levee, 17.5 feet below the crown. Flap gate on the waterside (WS) end. Slide gate and concrete headwall on the landside (LS) end. [Additional Reference(s): DWR Levee Log, 1990 (HLM 1.38). USACE Sacramento O&M Manual Unit 120, June 1952, Revised 29 December 2016, (Station 327+75), listed as 36-inch pipe]. FS Date: 2/17/2022					

LM Start	1.39	Rating **	M	Issue No.	974 (cont)
LM End	1.39	Issue Type +	Ma	Location *	

Photo 1 of 2 : UCIP_SP_2024_78554_106711.jpg



WS view: Vegetated area blocks access to pipe outlet.

Photo 2 of 2 : UCIP_SP_2024_78554_18346.jpg



Vegetated area blocks access to WS of pipe.

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

**Flood Control Project Maintenance
Levee Inspections****Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024****Reclamation District No. 2035 Conaway**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Willow Slough Bypass	Left	2.51	04/04/2024 04/04/2024	Nate Hicks

LM Start	1.86	Rating **	A	Issue No.	4
LM End	1.86	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.591115°	38.591115°
				-121.653256°	-121.653256°
DWR ID	DWR_RD2035_03_s_2024_4				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

Photo 1 of 1 : SP_2024_RD2035_240_4_20240408_00010.jpg



View of good vegetation management along the landside slope (Spring 2024).

LM Start	2.17	Rating **	M	Issue No.	975
LM End	2.17	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.590934°	38.590934°
				-121.658940°	-121.658940°
DWR ID	17837				
Comment Code					
Inspector Comment					
DS_ID:17837 FS_ID:78555 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: 11, Maintenance Compliance Issue Crossing Status: Found UCIP Comments: 02/15/2022 Record remains Non-Urgent. No permit was found authorizing this encroachment. Inspection of the pipe inlet and outlet were limited due to dense vegetation. Recommend removing vegetation at the inlet and outlet. No permit has been identified authorizing pipe. (M. Thao - DWR UCIP)04/03/2013 Debris and vegetation partially blocking inlet and outlet at both toes. (W. Wylie - DWR UCIP) FIELD_STRUCT_DESC: 48-inch corrugated metal drainage pipe through the levee, 19 feet below the crown. Slide gates on both ends. [Additional Reference(s): DWR Levee Log, 1990 (HLM 2.17). USACE Sacramento O&M Manual Unit 120, June 1952, Revised 29 December 2016, (Station 290+37), listed as 48-inch pipe]. FS Date: 2/15/2022					

Photo 1 of 2 : UCIP_SP_2024_78555_106679.jpg



LS view: Headwall at toe barely visible with excessive vegetation.

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

**Flood Control Project Maintenance
Levee Inspections****Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024****Reclamation District No. 2035 Conaway**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Willow Slough Bypass	Left	2.51	04/04/2024 04/04/2024	Nate Hicks

LM Start	2.17	Rating **	M	Issue No.	975 (cont)
LM End	2.17	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.590934°	38.590934°
				-121.658940°	-121.658940°
DWR ID	17837				

Photo 2 of 2 : UCIP_SP_2024_78555_106680.jpg



WS view: Slide gate on toe with excessive vegetation.

LM Start	2.19	Rating **	M	Issue No.	976
LM End	2.19	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.590909°	38.590909°
				-121.659311°	-121.659311°
DWR ID	17838				

Comment Code**Inspector Comment**

DS_ID:17838
FS_ID:78556
EP_NO: N/A
Repair Type: Non-Urgent
EVAL Issue: 11, Maintenance Compliance Issue
Crossing Status: Found
UCIP Comments: 02/15/2022 The record remains Non-Urgent.
Inspection of the pipe inlet and outlet were limited due to dense vegetation. Recommend removing vegetation at the pipe inlet and outlet. No permit has been identified authorizing pipe. (M. Thao - DWR UCIP)04/03/2013 Debris and vegetation partially blocking both ends of pipe. (W. Wylie - DWR UCIP)
FIELD_STRUCT_DESC: 36-inch corrugated metal drainage pipe through the levee, 18 feet below the crown. Slide gate on the landside (LS) toe. Combination flap and slide gate on the waterside (WS) toe.
[Additional Reference(s): DWR Levee Log, 1990 (HLM 2.18). USACE Sacramento O&M Manual Unit 120, June 1952, Revised 29 December 2016, (Station 289+33), listed as 36-inch pipe].
FS Date: 2/15/2022

Photo 1 of 2 : UCIP_SP_2024_78556_105492.jpg



LS view: Headwall at toe with excessive vegetation.

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

**Flood Control Project Maintenance
Levee Inspections****Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024****Reclamation District No. 2035 Conaway**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Willow Slough Bypass	Left	2.51	04/04/2024 04/04/2024	Nate Hicks

LM Start	2.19	Rating **	M	Issue No.	976 (cont)
LM End	2.19	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.590909°	38.590909°
				-121.659311°	-121.659311°
DWR ID	17838				

Photo 2 of 2 : UCIP_SP_2024_78556_105493.jpg



WS view: Combination flap and slide gate on toe with excessive vegetation.

* 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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