

**Flood Control Project Maintenance
Levee Inspections
LMA District Cover Sheet**

Reclamation District No. 2035 Conaway

	Spring (March - May)	Summer ** (June - August)	Fall (September - November)	Winter ** (December - February)
† Overall LMA Rating (Fall Only)				

** Non-receipt of Summer or Winter Inspection
Reports may effect overall annual rating.

† SPRING INSPECTIONS: Overall maintenance ratings are not determined for the spring inspection results. Individual maintenance deficiencies are rated using the same criteria in the spring and in the fall.

FALL INSPECTIONS: The overall maintenance rating shown above is based on operation and maintenance deficiencies identified within the attached unit inspection reports. This rating is not intended to be an indication of risk.

Comments

**Flood Control Project Maintenance
Levee Inspections
Unit Cover Sheet**

Reclamation District No. 2035 Conaway

Waterway			Bank	Unit Miles
Unit No. 01 Cache Creek Settling Basin			Right	2.01
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)				
Date of Inspection	3/30/2022 - 3/30/2022			
DWR Inspector	Zach Jojola			
Accompanied By	Jesse Clark RD 2035			

Summer & Winter Inspections

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

<http://cdec.water.ca.gov/lma.html>

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2022

Reclamation District No. 2035 Conaway

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Cache Creek Settling Basin	Right	2.01	03/30/2022 03/30/2022	Zach Jojola

LM Start		Rating **	A	Issue No.	3
LM End		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					
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		Rating **	A	Issue No.	4
LM End		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					
Inspector Comment					
The district has emergency supplies and equipment on hand at their district office.					

No Photos

LM Start		Rating **	A	Issue No.	5
LM End		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					
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

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2022

Reclamation District No. 2035 Conaway

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Cache Creek Settling Basin	Right	2.01	03/30/2022 03/30/2022	Zach Jojola

LM Start	0.00	Rating **	M	Issue No.	1
LM End	0.00	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.677393 °	38.677393 °
				-121.709890 °	-121.709890 °
DWR ID	17819				

Comment Code

Inspector Comment

FS_ID:56045
DS_ID:17819
EP_NO: 4363
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 08/16/2019 Pending update... record will be updated in 2020. (O. Magana - DWR UCIP)04/02/2013 This pipe appears abandoned and if so should be done so properly. (W. Wylie - DWR UCIP)
FIELD_STRUCT_DESC: *ABANDONED* 36-inch corrugated metal drainage pipe through the levee, 7.8 feet below the crown. 30-inch welded steel pipe sleeved through the 36-inch corrugated metal pipe (CMP) with annular space grouted. Flap gate in 72-inch corrugated metal pipe (CMP) riser at the waterside (WS) toe with abandoned pump platform on the south side of East Main Street. (30-inch drainage pipe sleeved through 36-inch conductor pipe through the railway embankment authorized under Permit No. 4363, 1963 - City of Woodland, City Engineer). [Additional Reference(s): DWR Levee Log, 1990].
FS Date: 8/16/2019 12:16:00 PM

LM Start	0.00	Rating **	M	Issue No.	1 (cont)
LM End	0.00	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP_SP_2022_56045_18102.jpg



Flap gate and pipe at bottom of 72-inch CMP riser on WS toe.

Photo 2 of 3 : UCIP_SP_2022_56045_18101.jpg



72-inch CMP riser on WS 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**

Levee Inspection Report By Mile - Spring 2022

Reclamation District No. 2035 Conaway

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Cache Creek Settling Basin	Right	2.01	03/30/2022 03/30/2022	Zach Jojola

LM Start	0.00	Rating **	M	Issue No.	1 (cont)
LM End	0.00	Issue Type +	En	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		38.677393 °	38.677393 °	
			-121.709890 °	-121.709890 °	
DWR ID	17819				

Photo 3 of 3 : UCIP_SP_2022_56045_18100.jpg



Pipe with 30-inch grouted at 200-feet LS of toe.

LM Start	0.01	Rating **	U	Issue No.	9
LM End	0.03	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.677363 °	38.677362 °
				-121.709661 °	-121.709396 °
DWR ID	DWR_RD2035_01_s_2022_9				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
Tall mustard grass.					

Photo 1 of 1 : SP_2022_RD2035_238_9_20220404_00013.jpg



View of mustard grass on the waterside slope. Spring 2022.

* 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**

Levee Inspection Report By Mile - Spring 2022

Reclamation District No. 2035 Conaway

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Cache Creek Settling Basin	Right	2.01	03/30/2022 03/30/2022	Zach Jojola

LM Start	0.02	Rating **	A/W	Issue No.	2
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

FS_ID:56049
DS_ID:17814
EP_NO: 10127
Repair Type: No Action Needed
Crossing Status: Found
UCIP Comments: 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. USACE Sacramento O&M Manual 126, November 1961, (HLM 0.01), listed as 5.5 feet below the crown].
FS Date: 8/16/2019 12:20:00 PM

LM Start	0.02	Rating **	A/W	Issue No.	2 (cont)
LM End	0.02	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_SP_2022_56049_18109.jpg



Flap gate and spillway on WS toe.

Photo 2 of 3 : UCIP_SP_2022_56049_18108.jpg



Flap gate and spillway on WS 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**

Levee Inspection Report By Mile - Spring 2022

Reclamation District No. 2035 Conaway

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Cache Creek Settling Basin	Right	2.01	03/30/2022 03/30/2022	Zach Jojola

LM Start	0.02	Rating **	A/W	Issue No.	2 (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_2022_56049_18107.jpg



Concrete encased pipe on LS toe.

LM Start	1.27	Rating **	M	Issue No.	6
LM End	1.27	Issue Type +	En	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		38.677249 °	38.677249 °	
			-121.686358 °	-121.686358 °	
DWR ID	DWR_RD2035_01_s_2022_6				

Comment Code

Inspector Comment

FS_ID:56056
DS_ID:17816
EP_NO: 12597
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 08/16/2019 Pending update... record will be updated in 2020. (O. Magana - DWR UCIP)04/02/2013 Pipe appears abandoned and if so should be done so properly. (W. Wylie - DWR UCIP)
FIELD_STRUCT_DESC: *ABANDONED* 18-inch steel conductor pipe for floating silt dredge through the levee, 3.4 feet below the crown. 10-inch steel pipe sleeved through the 18-inch steel conductor pipe with annular space grouted. Siphon breaker on the waterside (WS) shoulder in steel riser. (18-inch conductor pipe installed under the railroad fill by boring and 10-inch pipe sleeved through conductor pipe authorized under Permit No. 12597, 1978 - Reclamation District No. 2035).
[Additional Reference(s): DWR Levee Log, 1990].
FS Date: 8/16/2019 12:20:00 PM

Photo 1 of 3 : UCIP_SP_2022_56056_18115.jpg



Exposed pipe at WS toe/stream.

* 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**

Levee Inspection Report By Mile - Spring 2022

Reclamation District No. 2035 Conaway

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Cache Creek Settling Basin	Right	2.01	03/30/2022 03/30/2022	Zach Jojola

LM Start	1.27	Rating **	M	Issue No.	6 (cont)
LM End	1.27	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.677249 °	38.677249 °
				-121.686358 °	-121.686358 °
DWR ID	DWR_RD2035_01_s_2022_6				

Photo 2 of 3 : UCIP_SP_2022_56056_18114.jpg



Exposed pipe at WS toe/stream.

LM Start	1.27	Rating **	M	Issue No.	6 (cont)
LM End	1.27	Issue Type +	En	Location *	

Photo 3 of 3 : UCIP_SP_2022_56056_18113.jpg



Buried steel riser on WS shoulder

* 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**

Levee Inspection Report By Mile - Spring 2022

Reclamation District No. 2035 Conaway

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Cache Creek Settling Basin	Right	2.01	03/30/2022 03/30/2022	Zach Jojola

LM Start	1.87	Rating **	M	Issue No.	7	
LM End	1.87	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP Field Study			38.677186 °		38.677186 °
				-121.675277 °		-121.675277 °
DWR ID	17867					
Comment Code						
Inspector Comment						
FS_ID:56059 DS_ID:17867 EP_NO: 13201 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: 08/16/2019 Pending update... record will be updated in 2020. (O. Magana - DWR UCIP)04/02/2013 Pipe needs to be properly marked or abandoned. (W. Wylie - DWR UCIP) FIELD_STRUCT_DESC: 8-inch casing of an unknown material through the levee, 25 feet below the crown. 3-inch gas line sleeved through the casing with annular space filled with bentonite. Possible vent for pipe on the landside (LS) next to Old River Road. (3-inch gas pipeline within an 8-inch casing authorized under Permit No. 13201, 1981 - Pacific Gas and Electric Company [PG&E]). FS Date: 8/16/2019 12:21:00 PM						

LM Start	1.87	Rating **	M	Issue No.	7 (cont)
LM End	1.87	Issue Type +	En	Location *	

Photo 1 of 2 : UCIP_SP_2022_56059_18188.jpg



Natural gas well on south side of Old river road.

Photo 2 of 2 : UCIP_SP_2022_56059_18187.jpg



Vent pipe to right of JP next to Old River Road.

* 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**

Levee Inspection Report By Mile - Spring 2022

Reclamation District No. 2035 Conaway

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Cache Creek Settling Basin	Right	2.01	03/30/2022 03/30/2022	Zach Jojola

LM Start	1.94	Rating **	M	Issue No.	8
LM End	1.94	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.677175 °	38.677175 °
				-121.674065 °	-121.674065 °
DWR ID	17817				
Comment Code					
Inspector Comment					
FS_ID:56060 DS_ID:17817 EP_NO: 2544 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 08/16/2019 Pending update... record will be updated in 2020. (O. Magana - DWR UCIP)04/02/2013 Pipe appears to be abandoned as there is no pumphouse. Needs to be abandoned properly (W. Wylie - DWR UCIP) FIELD_STRUCT_DESC: 16-inch steel sewage discharge pipe through the levee, 5 feet below the crown. Pump on piling structure in drainage ditch on the landside (LS). 36-inch concrete standpipe on the waterside (WS) shoulder. (16-inch sewage discharge pipe authorized under Permit No. 2544, 1957 - City of Woodland). [Additional Reference(s): DWR Levee Log, 1990]. FS Date: 8/16/2019 12:21:00 PM					

Photo 1 of 1 : UCIP_SP_2022_56060_18189.jpg



36-inch Concrete stand pipe on WS shoulder.

* 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
Unit Cover Sheet**

Reclamation District No. 2035 Conaway

Waterway	Bank	Unit Miles
Unit No. 02 Yolo Bypass	Right	7.63

	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)				
Date of Inspection	3/30/2022 - 3/30/2022			
DWR Inspector	Zach Jojola			
Accompanied By	Jesse Clark RD 2035			

Summer & Winter Inspections

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

<http://cdec.water.ca.gov/lma.html>

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2022

Reclamation District No. 2035 Conaway

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Right	7.63	03/30/2022 03/30/2022	Zach Jojola

LM Start	0.38	Rating **	U	Issue No.	1	
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						
FS_ID:56053 DS_ID:17822 EP_NO: N/A Repair Type: Urgent Crossing Status: Found UCIP Comments: 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. USACE Sacramento O&M Manual 121, May 1959, (HLM 0.4) (4-foot by 4-foot concrete culvert listed)]. FS Date: 8/16/2019 12:25:00 PM						

Photo 1 of 3 : UCIP_SP_2022_56053_18202.jpg



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**

Levee Inspection Report By Mile - Spring 2022

Reclamation District No. 2035 Conaway

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Right	7.63	03/30/2022 03/30/2022	Zach Jojola

LM Start	0.38	Rating **	U	Issue No.	1 (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 3 : UCIP_SP_2022_56053_18201.jpg



Pipe and flap gate with vent riser on WS toe.

LM Start	0.38	Rating **	U	Issue No.	1 (cont)
LM End	0.38	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2022_56053_18200.jpg



Broken flap gate at WS toe.

LM Start	1.20	Rating **	A/W	Issue No.	9
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_s_2022_9				
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.					

No Photos

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

Levee Inspection Report By Mile - Spring 2022

Reclamation District No. 2035 Conaway

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Right	7.63	03/30/2022 03/30/2022	Zach Jojola

LM Start	1.71	Rating **	M	Issue No.	2
LM End	1.71	Issue Type +	En	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		38.652721 °	38.652721 °	
			-121.667790 °	-121.667790 °	
DWR ID	22956				

Comment Code

Inspector Comment

FS_ID:56057
DS_ID:22956
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 08/16/2019 Pending update... record will be updated in 2020. (O. Magana - DWR UCIP)09/14/2016 - Pipe has been removed from the levee and the levee has been repaired. It is unknown if these repairs were done with a permit or if the fill was properly compacted. Gas line markers still on WS shoulder of levee. It is unknown if another gas line exists in this location. (T. Hatch/UCIP)04/02/2013 - Pipe does not have appropriate cover and is marked as gas line. Does not appear to be a permitted utility. (W. Wylie/UCIP)
FIELD_STRUCT_DESC: *REMOVED* 4-inch steel pipe of an unknown purpose through the levee, 3 inches below the crown. 2-inch polyvinyl chloride (PVC) pipe sleeved through the 4-inch steel pipe. No other appurtenances found. Markers along alignment indicate that the pipe may be a gas line.
FS Date: 8/16/2019 12:26:00 PM

LM Start	1.71	Rating **	M	Issue No.	2 (cont)
LM End	1.71	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP_SP_2022_56057_18922.jpg



Pipe crossing with gasline marker on LS shoulder.

Photo 2 of 3 : UCIP_SP_2022_56057_18921.jpg



Pipe on WS shoulder.

* 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**

Levee Inspection Report By Mile - Spring 2022

Reclamation District No. 2035 Conaway

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Right	7.63	03/30/2022 03/30/2022	Zach Jojola

LM Start	1.71	Rating **	M	Issue No.	2 (cont)
LM End	1.71	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.652721 °	38.652721 °
				-121.667790 °	-121.667790 °
DWR ID	22956				

Photo 3 of 3 : UCIP_SP_2022_56057_18920.jpg



Pipe with gasline markers on WS slope.

LM Start	1.98	Rating **	A/W	Issue No.	11
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_2022_11				

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 a the mid-slope. 2017 - Toe continues to erode.

No Photos

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

Levee Inspection Report By Mile - Spring 2022

Reclamation District No. 2035 Conaway

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Right	7.63	03/30/2022 03/30/2022	Zach Jojola

LM Start	2.15	Rating **	A/W	Issue No.	3	
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						
FS_ID:10933						
DS_ID:17833						
EP_NO: N/A						
Repair Type: No Action Needed						
Crossing Status: Found						
UCIP Comments:						
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. USACE Sacramento O&M Manual 121, May 1959, (HLM 2.3) (6-foot by 6-foot concrete culvert listed)].						
FS Date: 4/2/2013						

Photo 1 of 3 : UCIP_SP_2022_10933_18226.jpg



Slide gates in concrete vault on WS slope.

LM Start	2.15	Rating **	A/W	Issue No.	3 (cont)
LM End	2.15	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_SP_2022_10933_18225.jpg



LS at intake.

* 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**

Levee Inspection Report By Mile - Spring 2022

Reclamation District No. 2035 Conaway

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Right	7.63	03/30/2022 03/30/2022	Zach Jojola

LM Start	2.15	Rating **	A/W	Issue No.	3 (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 3 of 3 : UCIP_SP_2022_10933_18224.jpg



Outlet on WS toe.

LM Start	2.15	Rating **	A/W	Issue No.	4
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

FS_ID:10934
 DS_ID:17877
 EP_NO: N/A
 Repair Type: No Action Needed
 Crossing Status: Found
 UCIP Comments:
 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. USACE Sacramento O&M Manual 121, May 1959, (HLM 2.3) (6-foot by 6-foot concrete culvert listed)].
 FS Date: 4/2/2013

Photo 1 of 3 : UCIP_SP_2022_10934_18230.jpg



Slide gates in concrete vault on WS slope.

*** Location**

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

**** Rating**

A : Acceptable N : Not Inspected/Rated
 M : Minimally Acceptable C : Corrected
 U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
 Ob : Design & System Obsolescence
 En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2022

Reclamation District No. 2035 Conaway

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Right	7.63	03/30/2022 03/30/2022	Zach Jojola

LM Start	2.15	Rating **	A/W	Issue No.	4 (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 2 of 3 : UCIP_SP_2022_10934_18229.jpg



Intake at channel on LS toe.

LM Start	2.15	Rating **	A/W	Issue No.	4 (cont)
LM End	2.15	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2022_10934_18228.jpg



Concrete headwall on WS toe.

LM Start	2.18	Rating **	M	Issue No.	979
LM End	4.02	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.646063 °	38.623062 °
				-121.666332 °	-121.648925 °
DWR ID	DWR_RD2035_02_s_2012_979				
Comment Code					
DT : Ditch					
Inspector Comment					
A ditch is located at the landside toe of the levee.					

Photo 1 of 1 : SP_2022_RD2035_239_979_20220308_00004.jpg



View of the ditch at the landside toe. Fall 2021.

*** Location**

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

**** Rating**

A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2022

Reclamation District No. 2035 Conaway

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Right	7.63	03/30/2022 03/30/2022	Zach Jojola

LM Start	2.26	Rating **	A/W	Issue No.	12
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_s _ 2022_12				
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

LM Start	2.78	Rating **	A/W	Issue No.	13
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_s _ 2022_13				
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.					

No Photos

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

Levee Inspection Report By Mile - Spring 2022

Reclamation District No. 2035 Conaway

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Right	7.63	03/30/2022 03/30/2022	Zach Jojola

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					
Erosion on the waterside toe.					

Photo 1 of 1 : SP_2022_RD2035_239_19_20220308_00003.jpg



View of erosion on the waterside slope near the toe. Fall 2020.

LM Start	2.83	Rating **	M	Issue No.	5
LM End	2.83	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.638024 °	38.638024 °
				-121.659929 °	-121.659929 °
DWR ID	17826				
Comment Code					
Inspector Comment					
FS_ID:41907					
DS_ID:17826					
EP_NO: 8640					
Repair Type: Non-Urgent					
Crossing Status: Not Found					
UCIP Comments: 04/02/2013 Need to contact owner to determine status and location of crossing. Unable to locate. (W. Wylie - DWR UCIP)					
FIELD_STRUCT_DESC: 8-inch steel gas line through the levee, 4 feet below the crown. Valve on the waterside (WS) shoulder protected by two 2-inch steel pipes extending 1 foot above the ground. (8-inch line authorized under Permit No. 8640, 1973 - Pacific Gas and Electric Company [PG&E]). [Additional Reference(s): DWR Levee Log, 1990]. FS Date: 4/2/2013					

No Photos

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

Levee Inspection Report By Mile - Spring 2022

Reclamation District No. 2035 Conaway

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Right	7.63	03/30/2022 03/30/2022	Zach Jojola

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

Photo 1 of 1 : SP_2022_RD2035_239_18_20220308_00002.jpg



View of erosion at waterside toe. Spring 2021.

LM Start	3.70	Rating **	M	Issue No.	14
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_s_2022_14				
Comment Code					
Inspector Comment					
2018 Site ID: YOL 3.5 R					
Status: Eroding					
2018 Field Notes: Last observed in 2011. Access issues prevented inspection in 2017.					
Site History: 2016 - Erosion observed at levee toe.					

Photo 1 of 1 : SP_2022_RD2035_239_14_20220404_00026.jpg



View of erosion at the waterside toe. Spring 2022.

*** Location**

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

**** Rating**

A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2022

Reclamation District No. 2035 Conaway

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Right	7.63	03/30/2022 03/30/2022	Zach Jojola

LM Start	4.09	Rating **	A/W	Issue No.	15
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_s_2022_15				
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 fine-grained levee slope materials. 2011 - Small pockets of erosion throughout the site. Site formerly called 3.8.					

No Photos

LM Start	4.43	Rating **	M	Issue No.	6	
LM End	4.43	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.618030 °	38.618030 °	
				-121.645192 °	-121.645192 °	
DWR ID	17828					
Comment Code						
Inspector Comment						
FS_ID:11526 DS_ID:17828 EP_NO: 1701 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 04/03/2013 Animal activity at outlet causing damage to berm and undermining the pipe at the outlet headwall on WS toe. (W. Wylie - DWR UCIP) FIELD_STRUCT_DESC: 60-inch corrugated metal drainage pipe encased in 6 inches of reinforced concrete through the levee, 20.6 feet below the crown. Slide gate in a 7-foot-diameter corrugated metal pipe (CMP) riser on the waterside (WS) slope. Pumping plant with 6 pumps and pipes that discharge into a 4-foot by 18-foot surge box on the landside (LS) toe. (drainage pumping plant, 60-inch pipe, authorized under Permit No. 1701, 1952 - Reclamation District No. 2035). [Additional Reference(s): DWR Levee Log, 1990. USACE Sacramento O&M Manual 121, May 1959, (HLM 4.7)]. FS Date: 4/3/2013						

Photo 1 of 3 : UCIP_SP_2022_11526_18935.jpg



Surge box and pumping plant on 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**

Levee Inspection Report By Mile - Spring 2022

Reclamation District No. 2035 Conaway

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Right	7.63	03/30/2022 03/30/2022	Zach Jojola

LM Start	4.43	Rating **	M	Issue No.	6 (cont)
LM End	4.43	Issue Type +	En	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		38.618030 °	38.618030 °	
			-121.645192 °	-121.645192 °	
DWR ID	17828				

Photo 2 of 3 : UCIP_SP_2022_11526_18934.jpg



7-foot diameter CMP riser and slide gate on WS slope.

LM Start	4.43	Rating **	M	Issue No.	6 (cont)
LM End	4.43	Issue Type +	En	Location *	

Photo 3 of 3 : UCIP_SP_2022_11526_18933.jpg



7-foot diameter CMP riser and slide gate on WS slope.

LM Start	4.43	Rating **	M	Issue No.	10
LM End	6.57	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.617921 °	38.589619 °
				-121.645109 °	-121.631277 °
DWR ID	DWR_RD2035_02_s_2013_10				
Comment Code					
DT : Ditch					
Inspector Comment					
A ditch is located at the landside levee toe.					

Photo 1 of 1 : SP_2022_RD2035_239_10_20220308_00001.jpg



View of the drainage ditch on the landward side of the levee looking downstream. Fall 2016.

* 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**

Levee Inspection Report By Mile - Spring 2022

Reclamation District No. 2035 Conaway

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Right	7.63	03/30/2022 03/30/2022	Zach Jojola

LM Start	6.37	Rating **	A/W	Issue No.	20
LM End	6.37	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.592554 °	38.592554 °
				-121.631263 °	-121.631263 °
DWR ID	DWR_RD2035_02_f_2020_20				
Comment Code					
E1 : Note and monitor erosion site.					
Inspector Comment					
PL 84-99 USACE repair site for erosion within the landside ditch. Anticipate to start work in 2021.					

No Photos

LM Start	6.50	Rating **	M	Issue No.	7	
LM End	6.50	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.590691 °	38.590691 °	
				-121.631284 °	-121.631284 °	
DWR ID	17868					
Comment Code						
Inspector Comment						
FS_ID:50089 DS_ID:17868 EP_NO: 16480 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 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: 9/14/2016						

Photo 1 of 3 : UCIP_SP_2022_50089_18327.jpg



Steel walkway to slide gates on WS shoulder.

* 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**

Levee Inspection Report By Mile - Spring 2022

Reclamation District No. 2035 Conaway

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Right	7.63	03/30/2022 03/30/2022	Zach Jojola

LM Start	6.50	Rating **	M	Issue No.	7 (cont)	
LM End	6.50	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP Field Study			38.590691 °	38.590691 °	
				-121.631284 °	-121.631284 °	
DWR ID	17868					

Photo 2 of 3 : UCIP_SP_2022_50089_18326.jpg



Pumping plant on LS toe.

LM Start	6.50	Rating **	M	Issue No.	7 (cont)
LM End	6.50	Issue Type +	En	Location *	

Photo 3 of 3 : UCIP_SP_2022_50089_18325.jpg



Slide gates at WS toe.

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

Levee Inspection Report By Mile - Spring 2022

Reclamation District No. 2035 Conaway

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Right	7.63	03/30/2022 03/30/2022	Zach Jojola

LM Start	6.50	Rating **	M	Issue No.	8
LM End	6.50	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.590680 °	38.590680 °
				-121.631283 °	-121.631283 °
DWR ID	17891				

Comment Code

Inspector Comment

FS_ID:50088
DS_ID:17891
EP_NO: 16480
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 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: 9/14/2016

LM Start	6.50	Rating **	M	Issue No.	8 (cont)
LM End	6.50	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP_SP_2022_50088_18321.jpg



Steel walkway to Slide gate handles on WS shoulder.

Photo 2 of 3 : UCIP_SP_2022_50088_18320.jpg



Surge box and pumping plant on 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**

Levee Inspection Report By Mile - Spring 2022

Reclamation District No. 2035 Conaway

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Right	7.63	03/30/2022 03/30/2022	Zach Jojola

LM Start	6.50	Rating **	M	Issue No.	8 (cont)	
LM End	6.50	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.590680 °	38.590680 °	
				-121.631283 °	-121.631283 °	
DWR ID	17891					

Photo 3 of 3 : UCIP_SP_2022_50088_18319.jpg



Slide gates at outlet on WS 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
Unit Cover Sheet**

Reclamation District No. 2035 Conaway

Waterway			Bank	Unit Miles
Unit No. 03 Willow Slough Bypass			Left	2.51
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)				
Date of Inspection	3/30/2022 - 3/30/2022			
DWR Inspector	Zach Jojola			
Accompanied By	Jesse Clark RD 2035			

Summer & Winter Inspections

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

<http://cdec.water.ca.gov/lma.html>

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2022

Reclamation District No. 2035 Conaway

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Willow Slough Bypass	Left	2.51	03/30/2022 03/30/2022	Zach Jojola

LM Start	0.02	Rating **	M	Issue No.	7
LM End	0.67	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.575362 °	38.579011 °
				-121.635982 °	-121.645199 °
DWR ID	DWR_RD2035_03_s_2022_7				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

Photo 1 of 1 : SP_2022_RD2035_240_7_20220404_00003.jpg



View of mustard grass on the waterside slope. Spring 2022.

LM Start	0.06	Rating **	M	Issue No.	973
LM End	2.16	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.575615 °	38.590919 °
				-121.636680 °	-121.658682 °
DWR ID	DWR_RD2035_03_s_2012_973				
Comment Code					
DT : Ditch					
Inspector Comment					

Photo 1 of 1 : SP_2022_RD2035_240_973_20220308_00002.jpg



View of the ditch at the landside toe. Fall 2021.

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

**** Rating**
A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2022

Reclamation District No. 2035 Conaway

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Willow Slough Bypass	Left	2.51	03/30/2022 03/30/2022	Zach Jojola

LM Start	0.81	Rating **	M	Issue No.	1
LM End	0.81	Issue Type +	En	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		38.581057 °	38.581057 °	
			-121.645142 °	-121.645142 °	
DWR ID	17823				
Comment Code					
Inspector Comment					
FS_ID:71917 DS_ID:17823 EP_NO: 6123 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: 02/17/2022 The record remains Non-Urgent. UCIP will need to coordinate with PG&E to determine pipe alignment and pipe status. The UCIP inspection was completed with CVFPB staff, E. Miao. (M. Thao - DWR UCIP)10/30/2018 Crossing has been downgraded from Urgent to Non-Urgent due to the reclassification of the gas lines. UCIP will need to coordinate with PG&E to determine pipe alignment and pipe status. (O. Magana - DWR UCIP)09/14/2016 No markers present where the pipe crosses levee. pipe vent appears to indicate alignment parallel to the levee at its visible location. However, permit records indicate pipe does cross the levee approximately 75 feet south from the visible well. (T. Hatch/UCIP)04/03/2013 Need to install gas line markers through the levee if pipe is still active. (W. Wylie/UCIP) FIELD_STRUCT_DESC: 6-inch soil-proofed steel high-pressure gas line through the levee, 2.5 feet below the crown. There is a pipe at vent visible off the landside (LS) toe. (6-inch line authorized under Permit No. 6123, 1968 - Pacific Gas and Electric Company [PG&E]). [Additional Reference(s): DWR Levee Log, 1990]. FS Date: 2/17/2022					

No Photos

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

Levee Inspection Report By Mile - Spring 2022

Reclamation District No. 2035 Conaway

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Willow Slough Bypass	Left	2.51	03/30/2022 03/30/2022	Zach Jojola

LM Start	1.39	Rating **	M	Issue No.	2	
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						
FS_ID:71920 DS_ID:17836 EP_NO: N/A Repair Type: Non-Urgent 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. The UCIP inspection was completed with CVFPB staff, E. Miao. (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. USACE Sacramento O&M Manual 120, June 1952, (Station 327+75)]. FS Date: 2/17/2022						

No Photos

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

Levee Inspection Report By Mile - Spring 2022

Reclamation District No. 2035 Conaway

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Willow Slough Bypass	Left	2.51	03/30/2022 03/30/2022	Zach Jojola

LM Start	2.15	Rating **	M	Issue No.	3	
LM End	2.15	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.590938 °	38.590938 °	
				-121.658565 °	-121.658565 °	
DWR ID	17839					
Comment Code						
Inspector Comment						
FS_ID:71887						
DS_ID:17839						
EP_NO: 10944						
Repair Type: Non-Urgent						
Crossing Status: Indicator Found						
UCIP Comments: 02/15/2022 The record has been upgraded from No Action Needed to Non-Urgent. Marker was found on LS toe. The UCIP inspection was completed with CVFPB staff, E. Miao (M. Thao - DWR UCIP)						
FIELD_STRUCT_DESC: 8-inch steel gas line through the levee, 4 feet below the crown. Gas line markers along alignment. (varying pipe size from 6- to 10-inch, work authorized under Permit No. 10944, 1975 - Shell Oil Company). [Additional Reference(s): DWR Levee Log, 1990].						
FS Date: 2/15/2022						

No Photos

LM Start	2.17	Rating **	M	Issue No.	4	
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	DWR_RD2035_03_s_2022_4					
Comment Code						
Inspector Comment						
FS_ID:71919 DS_ID:17837 EP_NO: N/A Repair Type: Non-Urgent 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. The UCIP inspection was completed with CVFPB staff, E. Miao. (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. USACE Sacramento O&M Manual 120, June 1952, (Station 290+37)]. FS Date: 2/15/2022						

No Photos

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

Levee Inspection Report By Mile - Spring 2022

Reclamation District No. 2035 Conaway

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Willow Slough Bypass	Left	2.51	03/30/2022 03/30/2022	Zach Jojola

LM Start	2.19	Rating **	M	Issue No.	6	
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						
FS_ID:71918 DS_ID:17838 EP_NO: N/A Repair Type: Non-Urgent 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. (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. USACE Sacramento O&M Manual 120, June 1952, (Station 289+33)]. FS Date: 2/15/2022						

No Photos

LM Start	2.23	Rating **	M	Issue No.	5
LM End	2.51	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.590893 °	38.590760 °
				-121.659942 °	-121.665210 °
DWR ID	DWR_RD2035_03_s_2013_5				
Comment Code					
FE : Fence					
Inspector Comment					

Photo 1 of 1 : SP_2022_RD2035_240_5_20220308_00001.jpg



View of fence on the landside shoulder of the crown. Fall 2018.

* 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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