

**Flood Control Project Maintenance
Levee Inspections****LMA District Cover Sheet
Spring 2016 Levee Inspection Results****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

Spring 2016 Levee Inspection Results

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	3/17/2016 - 3/17/2016			
DWR Inspector	Sterling York			
Accompanied By	Peter Blum			

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 2016

Reclamation District No. 2035 Conaway

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Cache Creek Settling Basin	Right	2.01	03/17/2016 03/17/2016	Sterling York

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					
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					
Inspector Comment					
The district has emergency supplies and equipment on hand at their district office.					

No Photos

LM Start	0.00	Rating **	M	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					
Inspector Comment					
The LMA plans on attending DWR Flood Fight training class this fall.					

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 2016

Reclamation District No. 2035 Conaway

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Cache Creek Settling Basin	Right	2.01	03/17/2016 03/17/2016	Sterling York

LM Start	0.00	Rating **	M	Issue No.	18
LM End	0.00	Issue Type +	En	Location *	CR
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.677393 °	38.677393 °
				-121.709890 °	-121.709890 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:41346 DS_ID:17819 EP_NO: 4363 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: This pipe appears abandoned and if so should be done so properly. FIELD_STRUCT_DESC: 36-inch Corrugated Metal Pipe through levee 7.8 feet below crown. Flap gate in 72-inch CMP riser at WS toe with abandoned pump platform on south side of East Main Street. A 30-inch welded steel pipe is sleeved through the 36-inch C.M. pipe and annular space grouted. (Permit No. 4363 - City of Woodland) FS Date: 4/2/2013 3:09:00 PM					

LM Start	0.00	Rating **	M	Issue No.	18 (cont)
LM End	0.00	Issue Type +	En	Location *	CR

Photo 1 of 2 : UCIP_SP_2016_41346_18102.jpg



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

Photo 2 of 2 : UCIP_SP_2016_41346_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 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 2016

Reclamation District No. 2035 Conaway

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Cache Creek Settling Basin	Right	2.01	03/17/2016 03/17/2016	Sterling York

LM Start	0.01	Rating **	M	Issue No.	15
LM End	1.99	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.677385 °	38.677184 °
				-121.709742 °	-121.673108 °
DWR ID	DWR_RD2035_01_s _ 2016_15				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

Photo 1 of 1 : SP_2016_RD2035_238_15_20160321_00014.jpg



View of vegetation on landside looking downstream.

LM Start	0.01	Rating **	U	Issue No.	14
LM End	1.52	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.677385 °	38.677228 °
				-121.709741 °	-121.681743 °
DWR ID	DWR_RD2035_01_s _ 2016_14				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

Photo 1 of 1 : SP_2016_RD2035_238_14_20160321_00015.jpg



View of vegetation on crown looking downstream.

LM Start	0.01	Rating **	M	Issue No.	12
LM End	1.99	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.677385 °	38.677184 °
				-121.709741 °	-121.673108 °
DWR ID	DWR_RD2035_01_s _ 2016_12				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

Photo 1 of 1 : SP_2016_RD2035_238_12_20160321_00016.jpg



View of vegetation on waterside looking downstream.

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

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2016

Reclamation District No. 2035 Conaway

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Cache Creek Settling Basin	Right	2.01	03/17/2016 03/17/2016	Sterling York

LM Start	0.03	Rating **	A/W	Issue No.	11
LM End	2.00	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.677347 °	38.677175 °
				-121.709285 °	-121.672945 °
DWR ID	DWR_RD2035_01_f_2013_11				
Comment Code					
AT : Agricultural tilling					
Inspector Comment					
Discing on the waterward slope can lead to erosion.					

Photo 1 of 1 : SP_2016_RD2035_238_11_20160307_00003.jpg



This photo was taken from the levee crown facing east looking at discing on the waterward slope. Fall 2013.

LM Start	0.70	Rating **	M	Issue No.	9
LM End	0.70	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.677316 °	38.677316 °
				-121.697009 °	-121.697009 °
DWR ID	DWR_RD2035_01_f_2015_9				
Comment Code					
DE : Debris					
Inspector Comment					

Photo 1 of 1 : SP_2016_RD2035_238_9_20160307_00001.jpg



View of the wood blocks on the waterward side of the levee looking downstream. Fall 2015.

* 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 2016

Reclamation District No. 2035 Conaway

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Cache Creek Settling Basin	Right	2.01	03/17/2016 03/17/2016	Sterling York

LM Start	1.11	Rating **	M	Issue No.	10
LM End	1.11	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.677271 °	38.677271 °
				-121.689434 °	-121.689434 °
DWR ID	DWR_RD2035_01_f_2015_10				
Comment Code					
A2 : Repair the levee slope damaged by livestock and prevent large animal access.					
Inspector Comment					
Ruts on crown could be caused by collapsed rodent holes.					

Photo 1 of 1 : SP_2016_RD2035_238_10_20160307_00002.jpg



View of the ruts that may be caused by collapsed rodent holes on the crown of the levee looking downstream. Fall 2015.

LM Start	1.27	Rating **	M	Issue No.	19
LM End	1.27	Issue Type +	En	Location *	CR
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.677249 °	38.677249 °
				-121.686358 °	-121.686358 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:42012					
DS_ID:17816					
EP_NO: 12597					
Repair Type: Non-Urgent					
Crossing Status: Found					
UCIP Comments: Pipe appears abandoned and if so should be done so properly.					
FIELD_STRUCT_DESC: 18-inch steel conductor pipe through the levee 3.4 feet below the crown. 10-inch steel pipe sleeved through the 18-inch steel conductor pipe annular space grouted. Siphon breaker on waterward shoulder in steel riser. (Permit No. 12597 - R.D. No. 2035)					
FS Date: 4/2/2013					

Photo 1 of 2 : UCIP_SP_2016_42012_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 2016

Reclamation District No. 2035 Conaway

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Cache Creek Settling Basin	Right	2.01	03/17/2016 03/17/2016	Sterling York

LM Start	1.27	Rating **	M	Issue No.	19 (cont)	
LM End	1.27	Issue Type +	En	Location *	CR	
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.677249 °	38.677249 °	
				-121.686358 °	-121.686358 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:42012						
DS_ID:17816						
EP_NO: 12597						
Repair Type: Non-Urgent						
Crossing Status: Found						
UCIP Comments: Pipe appears abandoned and if so should be done so properly.						
FIELD_STRUCT_DESC: 18-inch steel conductor pipe through the levee 3.4 feet below the crown. 10-inch steel pipe sleeved through the 18-inch steel conductor pipe annular space grouted. Siphon breaker on waterward shoulder in steel riser. (Permit No. 12597 - R.D. No. 2035)						
FS Date: 4/2/2013						

Photo 2 of 2 : UCIP_SP_2016_42012_18114.jpg



Exposed pipe at WS toe/stream.

LM Start	1.87	Rating **	M	Issue No.	16
LM End	1.87	Issue Type +	En	Location *	CR
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.677186 °	38.677186 °
				-121.675277 °	-121.675277 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:10913 DS_ID:17867 EP_NO: 13201 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Pipe needs to be properly marked or abandoned. FIELD_STRUCT_DESC: 8-inch diameter casing through the levee 25- feet below the crown. 3-inch gas line through the casing with annular space filled with Bentonite. Possible vent for pipe on LS next to Old River Road. (Permit No. 13201) FS Date: 4/2/2013					

Photo 1 of 2 : UCIP_SP_2016_10913_18188.jpg



Natural gas well on south side of Old river road.

* 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 2016

Reclamation District No. 2035 Conaway

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Cache Creek Settling Basin	Right	2.01	03/17/2016 03/17/2016	Sterling York

LM Start	1.87	Rating **	M	Issue No.	16 (cont)
LM End	1.87	Issue Type +	En	Location *	CR
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.677186 °	38.677186 °
				-121.675277 °	-121.675277 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:10913 DS_ID:17867 EP_NO: 13201 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Pipe needs to be properly marked or abandoned. FIELD_STRUCT_DESC: 8-inch diameter casing through the levee 25- feet below the crown. 3-inch gas line through the casing with annular space filled with Bentonite. Possible vent for pipe on LS next to Old River Road. (Permit No. 13201) FS Date: 4/2/2013					

Photo 2 of 2 : UCIP_SP_2016_10913_18187.jpg



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

LM Start	1.94	Rating **	M	Issue No.	17
LM End	1.94	Issue Type +	En	Location *	CR
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.677175 °	38.677175 °
				-121.674065 °	-121.674065 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:10914					
DS_ID:17817					
EP_NO: 2544					
Repair Type: Non-Urgent					
Crossing Status: Found					
UCIP Comments: Pipe appears to be abandoned as there is no pumphouse. Needs to be abandoned properly					
FIELD_STRUCT_DESC: 16-inch drainage pipe through levee 5.0 feet below crown. Pump on piling structure in drainage ditch on landward side. 36-inch concrete standpipe on waterward shoulder. (Permit No. 2544 - City of Woodland)					
FS Date: 4/2/2013					

Photo 1 of 1 : UCIP_SP_2016_10914_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**

Levee Inspection Report By Mile - Spring 2016

Reclamation District No. 2035 Conaway

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Cache Creek Settling Basin	Right	2.01	03/17/2016 03/17/2016	Sterling York

LM Start	2.00	Rating **	A/W	Issue No.	13
LM End	2.00	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.677177 °	38.677177 °
				-121.672870 °	-121.672870 °
DWR ID	DWR_RD2035_01_f_2013_13				
Comment Code					
PI : Pipe					
Inspector Comment					
Pipes at east end of unit now have flap gates installed but propped open with debris.					

Photo 1 of 1 : SP_2016_RD2035_238_13_20160307_00004.jpg



This photo was taken from the levee crown facing east at the intersection of unit 2 looking down at flap gates that are propped open with debris. Fall 2013.

* 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**

Unit Cover Sheet

Spring 2016 Levee Inspection Results

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	3/17/2016 - 3/17/2016			
DWR Inspector	Sterling York			
Accompanied By	Peter Blum			

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 2016

Reclamation District No. 2035 Conaway

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Right	7.63	03/17/2016 03/17/2016	Sterling York

LM Start	0.10	Rating **	M	Issue No.	16
LM End	0.10	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Crown Surface / Depressions / Rutting			38.675761 °	38.675761 °
				-121.672347 °	-121.672347 °
DWR ID	DWR_RD2035_02_f_2015_16				
Comment Code					
C1 : Add appropriate material and re-grade the levee to bring the crown above the design elevation.					
Inspector Comment					

Photo 1 of 1 : SP_2016_RD2035_239_16_20160307_00003.jpg



View of the crown of the levee looking downstream. Fall 2015.

LM Start	0.14	Rating **	M	Issue No.	15
LM End	1.90	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.675177 °	38.649967 °
				-121.672235 °	-121.667134 °
DWR ID	DWR_RD2035_02_s_2016_15				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

Photo 1 of 1 : SP_2016_RD2035_239_15_20160321_00023.jpg



View of vegetation on landside looking downstream.

LM Start	0.14	Rating **	M	Issue No.	20
LM End	1.90	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.675177 °	38.649967 °
				-121.672235 °	-121.667134 °
DWR ID	DWR_RD2035_02_s_2016_20				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

Photo 1 of 1 : SP_2016_RD2035_239_20_20160321_00024.jpg



View of vegetation on the waterside looking downstream.

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

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2016

Reclamation District No. 2035 Conaway

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Right	7.63	03/17/2016 03/17/2016	Sterling York

LM Start	0.28	Rating **	M	Issue No.	1
LM End	0.36	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2015 USACE Erosion Survey, DRAFT			38.673229 °	38.672069 °
				-121.671732 °	-121.671516 °
DWR ID	DWR_RD2035_02_s _ 2016_1				
Comment Code					
Inspector Comment					
2006 - Wave wash erosion and some saturation slumping occurring. Tension/separation cracks evident in fine grained levee slope materials. 2011 - Slumping of the lower toe. New slumped section on downstream end. 2015: Site is part of the extended inventory, last inspected 2011. [2015 Site ID: YOL_0-1_R]					

No Photos

LM Start	0.38	Rating **	U	Issue No.	983
LM End	0.38	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.671813 °	38.671813 °
				-121.671581 °	-121.671581 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:43083 DS_ID:17822 EP_NO: N/A Repair Type: Urgent Crossing Status: Found UCIP Comments: Flap gate broken in half on WS toe. Some erosion at headwalls on pumping plant. FIELD_STRUCT_DESC: 44-inch C.M. pipe through levee 22.0 feet below crown. Pump in drainage ditch at toe of landward slope, slide gate and flap gates in 5X9-foot concrete box. Flap gate on waterward end. 8-inch vent/standpipe at waterward toe. Originally included in O+M (1959). FS Date: 4/2/2013					

Photo 1 of 2 : UCIP_SP_2016_43083_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 2016

Reclamation District No. 2035 Conaway

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Right	7.63	03/17/2016 03/17/2016	Sterling York

LM Start	0.38	Rating **	U	Issue No.	983 (cont)	
LM End	0.38	Issue Type +	En	Location *	WS	
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP Field Study			38.671813 °		38.671813 °
				-121.671581 °		-121.671581 °
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:43083 DS_ID:17822 EP_NO: N/A Repair Type: Urgent Crossing Status: Found UCIP Comments: Flap gate broken in half on WS toe. Some erosion at headwalls on pumping plant. FIELD_STRUCT_DESC: 44-inch C.M. pipe through levee 22.0 feet below crown. Pump in drainage ditch at toe of landward slope, slide gate and flap gates in 5X9-foot concrete box. Flap gate on waterward end. 8-inch vent/standpipe at waterward toe. Originally included in O+M (1959). FS Date: 4/2/2013						

Photo 2 of 2 : UCIP_SP_2016_43083_18201.jpg



Pipe and flap gate with vent riser on WS toe.

LM Start	0.74	Rating **	M	Issue No.	17
LM End	0.74	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Crown Surface / Depressions / Rutting			38.666603 °	38.666603 °
				-121.670547 °	-121.670547 °
DWR ID	DWR_RD2035_02_f_2015_17				
Comment Code					
C3 : Add appropriate gravel or road base. Grade and compact.					
Inspector Comment					

Photo 1 of 1 : SP_2016_RD2035_239_17_20160307_00004.jpg



View of the crown of the levee looking downstream. Fall 2015.

* 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 2016

Reclamation District No. 2035 Conaway

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Right	7.63	03/17/2016 03/17/2016	Sterling York

LM Start	1.15	Rating **	M	Issue No.	18
LM End	1.15	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Crown Surface / Depressions / Rutting			38.660686 °	38.660686 °
				-121.669370 °	-121.669370 °
DWR ID	DWR_RD2035_02_f_2015_18				
Comment Code					
C1 : Add appropriate material and re-grade the levee to bring the crown above the design elevation.					
Inspector Comment					

Photo 1 of 1 : SP_2016_RD2035_239_18_20160321_00025.jpg



View of ruts/depression in crown looking downstream.

LM Start	1.20	Rating **	M	Issue No.	2
LM End	1.24	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2015 USACE Erosion Survey, DRAFT			38.660050 °	38.659465 °
				-121.669028 °	-121.668940 °
DWR ID	DWR_RD2035_02_s_2016_2				
Comment Code					
Inspector Comment					
2011 - Small sections of slumping, likely from wind wave. 2015: Site is part of the extended inventory, last inspected 2011. [2015 Site ID: YOL_1-2_R]					

No Photos

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

Levee Inspection Report By Mile - Spring 2016

Reclamation District No. 2035 Conaway

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Right	7.63	03/17/2016 03/17/2016	Sterling York

LM Start	1.71	Rating **	U	Issue No.	980
LM End	1.71	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.652721 °	38.652721 °
				-121.667790 °	-121.667790 °
DWR ID					

Comment Code

Inspector Comment

FS_ID:11523
DS_ID:22956
EP_NO: N/A
Repair Type: Urgent
Crossing Status: Found
UCIP Comments: Pipe does not have appropriate cover and is marked as gasline. Does not appear to be a permitted utility.
FIELD_STRUCT_DESC: 4-inch steel pipe 3-inches below the crown with a 2-inch PVC pipe sleeved through it.
FS Date: 4/2/2013 7:55:12 AM

LM Start	1.71	Rating **	U	Issue No.	980 (cont)
LM End	1.71	Issue Type +	En	Location *	WS

Photo 1 of 2 : UCIP_SP_2016_11523_18922.jpg



Pipe crossing with gasline marker on LS shoulder.

Photo 2 of 2 : UCIP_SP_2016_11523_18921.jpg



Pipe on WS shoulder.

* 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**

Levee Inspection Report By Mile - Spring 2016

Reclamation District No. 2035 Conaway

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Right	7.63	03/17/2016 03/17/2016	Sterling York

LM Start	1.98	Rating **	M	Issue No.	4
LM End	2.03	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2015 USACE Erosion Survey, DRAFT			38.648881 °	38.648178 °
				-121.666653 °	-121.666385 °
DWR ID	DWR_RD2035_02_s _ 2016_4				
Comment Code					
Inspector Comment					
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. 2015: Site is part of the extended inventory, last inspected 2011. [2015 Site ID: YOL_2-0_R]					

No Photos

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					
Ditch is at the landside toe of the levee.					

LM Start	2.18	Rating **	M	Issue No.	979 (cont)
LM End	4.02	Issue Type +	En	Location *	LS

Photo 1 of 2 : SP_2016_RD2035_239_979_20160307_00007.jpg



View of the ditch on the landward side of the levee looking downstream. Fall 2015.

Photo 2 of 2 : SP_2016_RD2035_239_979_20160307_00006.jpg



Drainage ditch at L/S levee 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 2016

Reclamation District No. 2035 Conaway

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Right	7.63	03/17/2016 03/17/2016	Sterling York

LM Start	2.26	Rating **	M	Issue No.	5
LM End	2.60	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2015 USACE Erosion Survey, DRAFT			38.645319 °	38.640997 °
				-121.665089 °	-121.661878 °
DWR ID	DWR_RD2035_02_s _ 2016_5				
Comment Code					
Inspector Comment					
2011 - Erosion from wind waves along entire length of the levee toe. Several sections of slumping bank along the toe. 2015: Site is part of the extended inventory, last inspected 2011. [2015 Site ID: YOL_2-3_R]					

No Photos

LM Start	2.78	Rating **	M	Issue No.	6
LM End	3.26	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2015 USACE Erosion Survey, DRAFT			38.638731 °	38.632783 °
				-121.660247 °	-121.655864 °
DWR ID	DWR_RD2035_02_s _ 2016_6				
Comment Code					
Inspector Comment					
2011 - Wave wash erosion and several sections of slumping bank along the toe. 2015: Site is part of the extended inventory, last inspected 2011. [2015 Site ID: YOL_2-8_R]					

No Photos

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

Levee Inspection Report By Mile - Spring 2016

Reclamation District No. 2035 Conaway

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Right	7.63	03/17/2016 03/17/2016	Sterling York

LM Start	2.83	Rating **	M	Issue No.	982
LM End	2.83	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.638024 °	38.638024 °
				-121.659929 °	-121.659929 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:41907 DS_ID:17826 EP_NO: 8640 Repair Type: Non-Urgent Crossing Status: Not Found UCIP Comments: Need to contact owner to determine status and location of crossing. Unable to locate. FIELD_STRUCT_DESC: 8-inch steel gas line through levee 4.0 feet below crown. Valve on waterward shoulder protected by 2-2-inch steel pipes extending 1-foot above ground.(Permit No. 8640 - P.G.&E.) FS Date: 4/2/2013					

No Photos

LM Start	4.09	Rating **	M	Issue No.	7
LM End	4.41	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2015 USACE Erosion Survey, DRAFT			38.622224 °	38.618302 °
				-121.648201 °	-121.645296 °
DWR ID	DWR_RD2035_02_s _ 2016_7				
Comment Code					
Inspector Comment					
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. 2015: Site is part of the extended inventory, last inspected 2011. [2015 Site ID: YOL_4-2_R]					

No Photos

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

Levee Inspection Report By Mile - Spring 2016

Reclamation District No. 2035 Conaway

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Right	7.63	03/17/2016 03/17/2016	Sterling York

LM Start	4.43	Rating **	M	Issue No.	981
LM End	4.43	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.618030 °	38.618030 °
				-121.645192 °	-121.645192 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:11526 DS_ID:17828 EP_NO: 1701 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Animal activity at outlet causing damage to berm and undermining the pipe at the outlet headwall on WS toe. FIELD_STRUCT_DESC: 60-inch corrugated metal drain pipe through the levee 20.6 feet below the crown encased in 6-inches of reinforced concrete. Slide gate in 7-foot diameter C.M. pipe riser on waterward slope. Pumping plant with 6-pumps/pipes that discharge into a 4-ft by 18-ft surge box on the LS toe. (Permit No. 1701 - R.D. 2035) FS Date: 4/3/2013					

LM Start	4.43	Rating **	M	Issue No.	981 (cont)
LM End	4.43	Issue Type +	En	Location *	WS

Photo 1 of 2 : UCIP_SP_2016_11526_18935.jpg



Surge box and pumping plant on LS toe.

Photo 2 of 2 : UCIP_SP_2016_11526_18934.jpg



7-foot diameter CMP riser and slide gate 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
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2016

Reclamation District No. 2035 Conaway

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Right	7.63	03/17/2016 03/17/2016	Sterling York

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					
Ditch is at the landside levee toe.					

LM Start	4.43	Rating **	M	Issue No.	10 (cont)
LM End	6.57	Issue Type +	En	Location *	LS

Photo 1 of 2 : SP_2016_RD2035_239_10_20160307_00002.jpg



View of the drainage ditch on the landward side of the levee looking downstream. Fall 2015.

Photo 2 of 2 : SP_2016_RD2035_239_10_20160307_00001.jpg



Drainage ditch at L/S levee toe.

LM Start	5.81	Rating **	A/W	Issue No.	19
LM End	5.81	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.600462 °	38.600462 °
				-121.632705 °	-121.632705 °
DWR ID	DWR_RD2035_02_f_2015_19				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					
Recommend getting rid of arundo.					

Photo 1 of 1 : SP_2016_RD2035_239_19_20160307_00005.jpg



View of the arundo at the toe of the levee. Fall 2015.

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

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2016

Reclamation District No. 2035 Conaway

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Right	7.63	03/17/2016 03/17/2016	Sterling York

LM Start	6.50	Rating **	U	Issue No.	985
LM End	6.50	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.590691 °	38.590691 °
				-121.631284 °	-121.631284 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:42938 DS_ID:17868 EP_NO: 16480 Repair Type: Urgent Crossing Status: Found UCIP Comments: Erosion on LS toe at pumping plant. Severe erosion of sheet pile walls at pumping plant. FIELD_STRUCT_DESC: 1 of 2: 60-inch by 48-inch concrete box drainage conduit through the levee 22-feet below the crown. Steel walkway to slidegate handles on WS shoulder. 6X18-foot surge box and pumping plant on LS toe. This pipe replaced the 48-inch at this same location. (Permit No. 16480, 1996) FS Date: 4/3/2013					

Photo 1 of 2 : UCIP_SP_2016_42938_18327.jpg



Steel walkway to slide gates on WS shoulder.

LM Start	6.50	Rating **	U	Issue No.	985 (cont)
LM End	6.50	Issue Type +	En	Location *	WS

Photo 2 of 2 : UCIP_SP_2016_42938_18326.jpg



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 2016

Reclamation District No. 2035 Conaway

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Right	7.63	03/17/2016 03/17/2016	Sterling York

LM Start	6.50	Rating **	U	Issue No.	984
LM End	6.50	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.590680 °	38.590680 °
				-121.631283 °	-121.631283 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:42937					
DS_ID:17891					
EP_NO: 16480					
Repair Type: Urgent					
Crossing Status: Found					
UCIP Comments: Severe erosion at pumping plant on LS toe.					
FIELD_STRUCT_DESC: 2 of 2: 60-inch by 48-inch concrete box					
drainage conduit through the levee 22-feet below the crown. Steel					
walkway to slidegate handles on WS shoulder. 6X18-foot surge box					
and pumping plant on LS toe. This pipe replaced the 48-inch at this					
same location. (Permit No. 16480, 1996)					
FS Date: 4/3/2013					

LM Start	6.50	Rating **	U	Issue No.	984 (cont)
LM End	6.50	Issue Type +	En	Location *	WS

Photo 1 of 2 : UCIP_SP_2016_42937_18321.jpg



Steel walkway to Slide gate handles on WS shoulder.

Photo 2 of 2 : UCIP_SP_2016_42937_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 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**

Unit Cover Sheet

Spring 2016 Levee Inspection Results

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	3/17/2016 - 3/17/2016			
DWR Inspector	Sterling York			
Accompanied By	Peter Blum			

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 2016

Reclamation District No. 2035 Conaway

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Willow Slough Bypass	Left	2.51	03/17/2016 03/17/2016	Sterling York

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_2016_RD2035_240_973_20160307_00004.jpg



Landside drainage ditch at levee toe.

LM Start	0.81	Rating **	U	Issue No.	976
LM End	0.81	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.581057 °	38.581057 °
				-121.645142 °	-121.645142 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:41833 DS_ID:17823 EP_NO: 6123 Repair Type: Urgent Crossing Status: Indicator Found UCIP Comments: Need to install gasoline markers through the levee if pipe is still active. FIELD_STRUCT_DESC: 4.5-inch Gas line through levee 2.5 feet below the crown. Pipe at vent visible off LS toe. (Permit No. 6123 - P.G.&E.) FS Date: 4/3/2013					

Photo 1 of 2 : UCIP_SP_2016_41833_18345.jpg



Gasline vent 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 2016

Reclamation District No. 2035 Conaway

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Willow Slough Bypass	Left	2.51	03/17/2016 03/17/2016	Sterling York

LM Start	0.81	Rating **	U	Issue No.	976 (cont)
LM End	0.81	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.581057 °	38.581057 °
				-121.645142 °	-121.645142 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:41833 DS_ID:17823 EP_NO: 6123 Repair Type: Urgent Crossing Status: Indicator Found UCIP Comments: Need to install gasline markers through the levee if pipe is still active. FIELD_STRUCT_DESC: 4.5-inch Gas line through levee 2.5 feet below the crown. Pipe at vent visible off LS toe. (Permit No. 6123 - P.G.&E.) FS Date: 4/3/2013					

Photo 2 of 2 : UCIP_SP_2016_41833_18344.jpg



Gasline vent off LS toe.

LM Start	1.39	Rating **	M	Issue No.	977
LM End	1.39	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.589425 °	38.589425 °
				-121.645359 °	-121.645359 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:41128 DS_ID:17836 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Need to clear vegetation and debris from WS at outlet. FIELD_STRUCT_DESC: 36-inch Corrugated metal pipe through levee 17.5 feet below crown, flap gate on waterward end, slide gate and concrete headwall on landward end. Originally included in O+M manual (1952). FS Date: 4/3/2013					

Photo 1 of 2 : UCIP_SP_2016_41128_18348.jpg



Slide gate and headwall in canal at LS 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 2016

Reclamation District No. 2035 Conaway

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Willow Slough Bypass	Left	2.51	03/17/2016 03/17/2016	Sterling York

LM Start	1.39	Rating **	M	Issue No.	977 (cont)	
LM End	1.39	Issue Type +	En	Location *	LS	
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.589425 °	38.589425 °	
				-121.645359 °	-121.645359 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:41128						
DS_ID:17836						
EP_NO: N/A						
Repair Type: Non-Urgent						
Crossing Status: Found						
UCIP Comments: Need to clear vegetation and debris from WS at outlet.						
FIELD_STRUCT_DESC: 36-inch Corrugated metal pipe through levee 17.5 feet below crown, flap gate on waterward end, slide gate and concrete headwall on landward end. Originally included in O+M manual (1952).						
FS Date: 4/3/2013						

Photo 2 of 2 : UCIP_SP_2016_41128_18347.jpg



Slide gate and headwall in canal at LS toe.

LM Start	1.63	Rating **	M	Issue No.	7
LM End	2.51	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.591247 °	38.590805 °
				-121.648895 °	-121.665149 °
DWR ID	DWR_RD2035_03_s_2016_7				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

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

Levee Inspection Report By Mile - Spring 2016

Reclamation District No. 2035 Conaway

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Willow Slough Bypass	Left	2.51	03/17/2016 03/17/2016	Sterling York

LM Start	1.63	Rating **	M	Issue No.	6
LM End	2.51	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.591246 °	38.590805 °
				-121.648896 °	-121.665149 °
DWR ID	DWR_RD2035_03_s_2016_6				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

Photo 1 of 1 : SP_2016_RD2035_240_6_20160321_00016.jpg



view of vegetation on waterside looking downstream.

LM Start	1.90	Rating **	C	Issue No.	9
LM End	1.90	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Cracking			38.591098 °	38.591098 °
				-121.653948 °	-121.653948 °
DWR ID	DWR_RD2035_03_f_2015_9				
Comment Code					
CR1 : Monitor and have inspected by geotechnical engineer.					
Inspector Comment					

No Photos

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

Levee Inspection Report By Mile - Spring 2016

Reclamation District No. 2035 Conaway

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Willow Slough Bypass	Left	2.51	03/17/2016 03/17/2016	Sterling York

LM Start	2.17	Rating **	M	Issue No.	974
LM End	2.17	Issue Type +	En	Location *	CR
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.590934 °	38.590934 °
				-121.658940 °	-121.658940 °
DWR ID					

Comment Code

Inspector Comment

FS_ID:11011
DS_ID:17837
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: Debris and vegetation partially blocking inlet and outlet at both toes.
FIELD_STRUCT_DESC: 48-inch corrugated metal pipe through levee 19.0 feet below crown, slide gate on both ends. Originally included in O+M manual (1952).
FS Date: 4/3/2013

LM Start	2.17	Rating **	M	Issue No.	974 (cont)
LM End	2.17	Issue Type +	En	Location *	CR

Photo 1 of 2 : UCIP_SP_2016_11011_18354.jpg



Slide gate at WS toe showing excessive vegetation.

Photo 2 of 2 : UCIP_SP_2016_11011_18353.jpg



Slide gate at LS toe showing excessive vegetation.

* 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 2016

Reclamation District No. 2035 Conaway

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Willow Slough Bypass	Left	2.51	03/17/2016 03/17/2016	Sterling York

LM Start	2.18	Rating **	C	Issue No.	10
LM End	2.21	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Crown Surface / Depressions / Rutting			38.590934 °	38.590912 °
				-121.659034 °	-121.659638 °
DWR ID	DWR_RD2035_03_f_2015_10				
Comment Code					
C1 : Add appropriate material and re-grade the levee to bring the crown above the design elevation.					
Inspector Comment					

No Photos

LM Start	2.19	Rating **	M	Issue No.	975
LM End	2.19	Issue Type +	En	Location *	CR
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.590909 °	38.590909 °
				-121.659311 °	-121.659311 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:11012					
DS_ID:17838					
EP_NO: N/A					
Repair Type: Non-Urgent					
Crossing Status: Found					
UCIP Comments: Debris and vegetation partially blocking both ends of pipe.					
FIELD_STRUCT_DESC: 36-inch pipe through levee 18.0 feet below crown, slide gate on LS toe. Combination flap and slide gate on WS toe. Originally included in O+M manual.					
FS Date: 4/3/2013					

Photo 1 of 2 : UCIP_SP_2016_11012_18357.jpg



Combination flap and slide gate on WS 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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