

**Flood Control Project Maintenance  
Levee Inspections****LMA District Cover Sheet****Spring 2015 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 2015 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	03/30/2015 - 03/30/2015			
DWR Inspector	Michael Pitta			
Accompanied By	Mike Hall			
	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 2015**

**Reclamation District No. 2035 Conaway**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Cache Creek Settling Basin	Right	2.01	03/30/2015 03/30/2015	Michael Pitta

LM Start	<b>0.00</b>	Rating **	A	Issue No.	<b>3</b>
LM End	<b>0.00</b>	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				
Action/Comments					
Inspector Comments: The LMA stated that they keep a copy of the O&M manuals on hand at the district office.					

No Photos

LM Start	<b>0.00</b>	Rating **	A	Issue No.	<b>4</b>
LM End	<b>0.00</b>	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				
Action/Comments					
Inspector Comments: The district has emergency supplies and equipment on hand at their district office.					

No Photos

LM Start	<b>0.00</b>	Rating **	A	Issue No.	<b>5</b>
LM End	<b>0.00</b>	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				
Action/Comments					
Inspector Comments: The LMA plans on attending DWR Flood Fight training class this fall.					

No Photos

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

**Levee Inspection Report By Mile - Spring 2015**

**Reclamation District No. 2035 Conaway**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Cache Creek Settling Basin	Right	2.01	03/30/2015 03/30/2015	Michael Pitta

LM Start	0.00	Rating **	U	Issue No.	7
LM End	2.00	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.677423 °	38.677178 °
				-121.709905 °	-121.672865 °
DWR ID	DWR_RD2035_01_s _ 2015_7				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements.					

Photo 1 of 1 : SP\_2015\_RD2035\_238\_7\_20150330\_00006.jpg



View of the vegetation landside of levee facing downstream.

LM Start	0.00	Rating **	U	Issue No.	8
LM End	2.00	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.677423 °	38.677178 °
				-121.709905 °	-121.672865 °
DWR ID	DWR_RD2035_01_s _ 2015_8				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements.					

No Photos

LM Start	0.00	Rating **	U	Issue No.	9
LM End	2.00	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.677423 °	38.677178 °
				-121.709905 °	-121.672865 °
DWR ID	DWR_RD2035_01_s _ 2015_9				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements.					

No Photos

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

## Levee Inspection Report By Mile - Spring 2015

### Reclamation District No. 2035 Conaway

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Cache Creek Settling Basin	Right	2.01	03/30/2015 03/30/2015	Michael Pitta

LM Start	0.00	Rating **	M	Issue No.	1
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					
Action/Comments					
Inspector Comments: 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: 04/02/2013					

No Photos

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				
Action/Comments					
Agricultural tilling Inspector Comments: Discing on the waterward slope can lead to erosion.					

Photo 1 of 1 : SP\_2015\_RD2035\_238\_11\_20150318\_00001.jpg



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

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

**Levee Inspection Report By Mile - Spring 2015**

**Reclamation District No. 2035 Conaway**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Cache Creek Settling Basin	Right	2.01	03/30/2015 03/30/2015	Michael Pitta

LM Start	1.26	Rating **	M	Issue No.	2
LM End	1.26	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.677249 °	38.677249 °
				-121.686358 °	-121.686358 °
DWR ID					

No Photos

Action/Comments					
Inspector Comments: 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: 04/02/2013					

LM Start	1.85	Rating **	M	Issue No.	6
LM End	1.85	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.677186 °	38.677186 °
				-121.675277 °	-121.675277 °
DWR ID					

No Photos

Action/Comments					
Inspector Comments: 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. FS Date: 04/02/2013					

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

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2015**

**Reclamation District No. 2035 Conaway**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Cache Creek Settling Basin	Right	2.01	03/30/2015 03/30/2015	Michael Pitta

LM Start	1.91	Rating **	M	Issue No.	10
LM End	1.91	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.677175 °	38.677175 °
				-121.674065 °	-121.674065 °
DWR ID					

No Photos

Action/Comments					
Inspector Comments: 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: 04/02/2013					

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				

Action/Comments					
Pipe Inspector Comments: Pipes at east end of unit now have flap gates installed but propped open with debris.					

Photo 1 of 1 : SP\_2015\_RD2035\_238\_13\_20150318\_00002.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	** 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**

**Unit Cover Sheet**

**Spring 2015 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	03/30/2015 - 03/30/2015			
DWR Inspector	Michael Pitta			
Accompanied By	Peter Blum			

**Summer & Winter Inspections**

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- a) completion of the inspection
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**Flood Control Project Maintenance  
Levee Inspections**

## Levee Inspection Report By Mile - Spring 2015

### Reclamation District No. 2035 Conaway

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Right	7.63	03/30/2015 03/30/2015	Michael Pitta

LM Start	0.05	Rating **	M	Issue No.	14
LM End	1.76	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.676485 °	38.652040 °
				-121.672577 °	-121.667670 °
DWR ID	DWR_RD2035_02_s _ 2015_14				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements.					

Photo 1 of 1 : SP\_2015\_RD2035\_239\_14\_20150330\_00007.jpg



View of the vegetation on the waterside of levee looking downstream.

LM Start	0.05	Rating **	M	Issue No.	15
LM End	1.76	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.676485 °	38.652040 °
				-121.672577 °	-121.667670 °
DWR ID	DWR_RD2035_02_s _ 2015_15				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements.					

No Photos

LM Start	0.28	Rating **	M	Issue No.	4
LM End	0.36	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	USACE Erosion Survey			38.673229 °	38.672069 °
				-121.671732 °	-121.671516 °
DWR ID	DWR_RD2035_02_f _ 2014_4				
Action/Comments					
Inspector Comments: 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. 2013: Site is part of the extended inventory, last inspected 2011. [2013 Site ID: YOL_0-1_R]					

No Photos

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

**Levee Inspection Report By Mile - Spring 2015**

**Reclamation District No. 2035 Conaway**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Right	7.63	03/30/2015 03/30/2015	Michael Pitta

LM Start	0.37	Rating **	U	Issue No.	1
LM End	0.37	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					
Action/Comments					
Inspector Comments: 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: 04/02/2013					

No Photos

LM Start	1.20	Rating **	M	Issue No.	5
LM End	1.24	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	USACE Erosion Survey			38.660050 °	38.659465 °
				-121.669028 °	-121.668940 °
DWR ID	DWR_RD2035_02_f_2014_5				
Action/Comments					
Inspector Comments: 2011 - Small sections of slumping, likely from wind wave. 2013: Site is part of the extended inventory, last inspected 2011. [2013 Site ID: YOL_1-2_R]					

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 2015**

**Reclamation District No. 2035 Conaway**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Right	7.63	03/30/2015 03/30/2015	Michael Pitta

LM Start	1.70	Rating **	U	Issue No.	2
LM End	1.70	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					
Action/Comments					
Inspector Comments: 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 gasoline. 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: 04/02/2013					

No Photos

LM Start	1.76	Rating **	A/W	Issue No.	16
LM End	7.63	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.652040 °	38.575375 °
				-121.667670 °	-121.635540 °
DWR ID	DWR_RD2035_02_s_2015_16				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements.					

No Photos

LM Start	1.76	Rating **	A/W	Issue No.	17
LM End	7.63	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.652040 °	38.575375 °
				-121.667670 °	-121.635540 °
DWR ID	DWR_RD2035_02_s_2015_17				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements.					

No Photos

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

**Levee Inspection Report By Mile - Spring 2015**

**Reclamation District No. 2035 Conaway**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Right	7.63	03/30/2015 03/30/2015	Michael Pitta

LM Start	1.98	Rating **	M	Issue No.	6
LM End	2.03	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	USACE Erosion Survey			38.648881 °	38.648178 °
				-121.666653 °	-121.666385 °
DWR ID	DWR_RD2035_02_f_2014_6				
Action/Comments					
Inspector Comments: 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. 2013: Site is part of the extended inventory, last inspected 2011. [2013 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				
Action/Comments					
Ditch					

Photo 1 of 1 : SP\_2015\_RD2035\_239\_979\_20150326\_00002.jpg



Drainage ditch at L/S levee toe.

LM Start	2.26	Rating **	M	Issue No.	7
LM End	2.60	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	USACE Erosion Survey			38.645319 °	38.640997 °
				-121.665089 °	-121.661878 °
DWR ID	DWR_RD2035_02_f_2014_7				
Action/Comments					
Inspector Comments: 2011 - Erosion from wind waves along entire length of the levee toe. Several sections of slumping bank along the toe2013: Site is part of the extended inventory, last inspected 2011. [2013 Site ID: YOL_2-3_R]					

No Photos

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

**Levee Inspection Report By Mile - Spring 2015**

**Reclamation District No. 2035 Conaway**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Right	7.63	03/30/2015 03/30/2015	Michael Pitta

LM Start	2.78	Rating **	M	Issue No.	8
LM End	3.26	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	USACE Erosion Survey			38.638731 °	38.632783 °
				-121.660247 °	-121.655864 °
DWR ID	DWR_RD2035_02_f_2014_8				
Action/Comments					
Inspector Comments: 2011 - Wave wash erosion and several sections of slumping bank along the toe. 2013: Site is part of the extended inventory, last inspected 2011. [2013 Site ID: YOL_2-8_R]					

No Photos

LM Start	2.81	Rating **	M	Issue No.	11
LM End	2.81	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					
Action/Comments					
Inspector Comments: 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: 04/02/2013					

No Photos

LM Start	4.09	Rating **	M	Issue No.	9
LM End	4.41	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	USACE Erosion Survey			38.622224 °	38.618302 °
				-121.648201 °	-121.645296 °
DWR ID	DWR_RD2035_02_f_2014_9				
Action/Comments					
Inspector Comments: 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. 2013: Site is part of the extended inventory, last inspected 2011. [2013 Site ID: YOL_4-2 R]					

No Photos

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

**Levee Inspection Report By Mile - Spring 2015**

**Reclamation District No. 2035 Conaway**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Right	7.63	03/30/2015 03/30/2015	Michael Pitta

LM Start	4.39	Rating **	M	Issue No.	12
LM End	4.39	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					

No Photos

Action/Comments					
Inspector Comments: 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: 04/03/2013					

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				
Action/Comments					
Ditch					

Photo 1 of 1 : SP\_2015\_RD2035\_239\_10\_20150326\_00001.jpg



Drainage ditch at L/S levee toe.

* 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 2015**

**Reclamation District No. 2035 Conaway**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Right	7.63	03/30/2015 03/30/2015	Michael Pitta

LM Start	6.45	Rating **	U	Issue No.	13
LM End	6.45	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.590691 °	38.590691 °
				-121.631284 °	-121.631284 °
DWR ID					
Action/Comments					
Inspector Comments: 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: 04/03/2013					

No Photos

LM Start	6.45	Rating **	U	Issue No.	18
LM End	6.45	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.590680 °	38.590680 °
				-121.631283 °	-121.631283 °
DWR ID					
Action/Comments					
Inspector Comments: 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: 04/03/2013					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Unit Cover Sheet**

**Spring 2015 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	03/30/2015 - 03/30/2015			
DWR Inspector	Michael Pitta			
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 2015**

**Reclamation District No. 2035 Conaway**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Willow Slough Bypass	Left	2.51	03/30/2015 03/30/2015	Michael Pitta

LM Start	0.00	Rating **	M	Issue No.	7
LM End	2.47	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.575343 °	38.590817 °
				-121.635635 °	-121.664500 °
DWR ID	DWR_RD2035_03_s _ 2015_7				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements.					

Photo 1 of 1 : SP\_2015\_RD2035\_240\_7\_20150330\_00007.jpg



View of the vegetation on the waterside of levee facing downstream.

LM Start	0.00	Rating **	M	Issue No.	8
LM End	2.47	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.575343 °	38.590817 °
				-121.635635 °	-121.664500 °
DWR ID	DWR_RD2035_03_s _ 2015_8				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements.					

No Photos

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				
Action/Comments					
Ditch					

Photo 1 of 1 : SP\_2015\_RD2035\_240\_973\_20150326\_00002.jpg



L/S drainage ditch at levee toe.

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

**Levee Inspection Report By Mile - Spring 2015**

**Reclamation District No. 2035 Conaway**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Willow Slough Bypass	Left	2.51	03/30/2015 03/30/2015	Michael Pitta

LM Start	0.80	Rating **	U	Issue No.	1
LM End	0.80	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					
Action/Comments					
Inspector Comments: 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: 04/03/2013					

No Photos

LM Start	1.38	Rating **	M	Issue No.	2
LM End	1.38	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					
Action/Comments					
Inspector Comments: 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: 04/03/2013					

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 2015**

**Reclamation District No. 2035 Conaway**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Willow Slough Bypass	Left	2.51	03/30/2015 03/30/2015	Michael Pitta

LM Start	2.16	Rating **	M	Issue No.	4
LM End	2.16	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.590934 °	38.590934 °
				-121.658940 °	-121.658940 °
DWR ID					
Action/Comments					
Inspector Comments: 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: 04/03/2013					

No Photos

LM Start	2.18	Rating **	M	Issue No.	6
LM End	2.18	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.590909 °	38.590909 °
				-121.659311 °	-121.659311 °
DWR ID					
Action/Comments					
Inspector Comments: 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: 04/03/2013					

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 2015**

**Reclamation District No. 2035 Conaway**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Willow Slough Bypass	Left	2.51	03/30/2015 03/30/2015	Michael Pitta

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				
Action/Comments					
Fence					

Photo 1 of 1 : SP\_2015\_RD2035\_240\_5\_20150326\_00001.jpg



Fence along L/S shoulder.

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