

**Flood Control Project Maintenance  
Levee Inspections**

**Fall 2015 Levee Maintenance Deficiency Summary Report**

**Overall LMA & Unit Ratings, including USACE Erosion Survey**

**Sacramento River Basin**

<b>RD2035</b>		Overall LMA Rating	Total LMA Miles						
<b>Reclamation District No. 2035 Conaway</b>		<b>M</b>	<b>12.15</b>						
Rated Item	Maintenance Deficiency				Enforcement		Design & System Obsolescence		
	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles	
<i>Earthen Levee</i>									
Vegetation	0.04		0.04	0.33%					
Encroachments					6.37				
Animal Control	0.01		0.01	0.08%					
Cracking	0.01		0.01	0.08%					
Crown Surface / Depressions / Rutting	0.06		0.06	0.49%					
<i>Supplemental</i>									
2015 USACE Erosion Survey, DRAFT	1.31		1.31	10.78%					
DWR UCIP Field Study					0.09	0.05			
<i>LMA Totals:</i>	1.43	0.00	1.43	11.77%	6.46	0.05	0.00	0.00	
<b>Unit No. 01 Cache Creek Settling Basin RB</b>		Overall Unit Rating	Total Unit Miles						
RD2035		<b>A</b>	<b>2.01</b>						
Rated Item	Maintenance Deficiency				Enforcement		Design & System Obsolescence		
	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles	
<i>Earthen Levee</i>									
Vegetation	0.04		0.04	1.99%					
Encroachments					0.01				
Animal Control	0.01		0.01	0.50%					
<i>Supplemental</i>									
DWR UCIP Field Study					0.04				
<i>Unit Totals:</i>	0.05	0.00	0.05	2.49%	0.05	0.00	0.00	0.00	
<b>Unit No. 02 Yolo Bypass RB</b>		Overall Unit Rating	Total Unit Miles						
RD2035		<b>M</b>	<b>7.63</b>						
Rated Item	Maintenance Deficiency				Enforcement		Design & System Obsolescence		
	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles	
<i>Earthen Levee</i>									
Encroachments					3.98				
Crown Surface / Depressions / Rutting	0.03		0.03	0.39%					
<i>Supplemental</i>									
2015 USACE Erosion Survey, DRAFT	1.31		1.31	17.17%					
DWR UCIP Field Study					0.02	0.04			
<i>Unit Totals:</i>	1.34	0.00	1.34	17.56%	4.00	0.04	0.00	0.00	

**Flood Control Project Maintenance  
Levee Inspections**

**Fall 2015 Levee Maintenance Deficiency Summary Report**

**Overall LMA & Unit Ratings, including USACE Erosion Survey**

**Sacramento River Basin (cont.)**

Unit No. 03 Willow Slough Bypass LB RD2035	Overall Unit Rating	Total Unit Miles							
	<b>A</b>	<b>2.51</b>	Maintenance Deficiency				Enforcement		Design & System Obsolescence
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles	
<i>Earthen Levee</i>									
Encroachments					2.38				
Cracking	0.01		0.01	0.40%					
Crown Surface / Depressions / Rutting	0.03		0.03	1.19%					
<i>Supplemental</i>									
DWR UCIP Field Study					0.03	0.01			
<i>Unit Totals:</i>	0.04	0.00	0.04	1.59%	2.41	0.01	0.00	0.00	

**Flood Control Project Maintenance  
Levee Inspections  
LMA District Cover Sheet  
Fall 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)			<b>M</b>	

\*\* 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**

**Fall 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)			A	
Date of Inspection	03/30/2015 - 03/30/2015		11/12/2015 - 11/12/2015	
DWR Inspector	Michael Pitta		Jai Lor	
Accompanied By	Mike Hall		Peter Blum	
	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 - Fall 2015**

**Reclamation District No. 2035 Conaway**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Cache Creek Settling Basin	Right	2.01	11/12/2015 11/12/2015	Jai Lor

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 - Fall 2015**

**Reclamation District No. 2035 Conaway**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Cache Creek Settling Basin	Right	2.01	11/12/2015 11/12/2015	Jai Lor

LM Start	<b>0.00</b>	Rating **	M	Issue No.	<b>14</b>
LM End	<b>0.00</b>	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  
 FS\_HLM: 0.001  
 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

Photo 1 of 3 : UCIP\_FA\_2015\_0201.jpg



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

LM Start	<b>0.00</b>	Rating **	M	Issue No.	<b>14 (cont)</b>
LM End	<b>0.00</b>	Issue Type +	En	Location *	CR

Photo 2 of 3 : UCIP\_FA\_2015\_0323.jpg



72-inch CMP riser on WS 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	<b>N : Not Inspected/Rated</b> C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

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

**Reclamation District No. 2035 Conaway**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Cache Creek Settling Basin	Right	2.01	11/12/2015 11/12/2015	Jai Lor

LM Start	<b>0.00</b>	Rating **	M	Issue No.	<b>14 (cont)</b>
LM End	<b>0.00</b>	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 FS_HLM: 0.001 Repair Type: Non-Urgent Crossing Status: Found					

Photo 3 of 3 : UCIP\_FA\_2015\_0324.jpg



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

LM Start	<b>0.01</b>	Rating **	A	Issue No.	<b>8</b>
LM End	<b>1.78</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.677393 °	38.677210 °
				-121.709786 °	-121.676929 °
DWR ID	DWR_RD2035_01_f_2015_8				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements. Inspector Comments: Landside slope has been mowed.					

No Photos

LM Start	<b>0.01</b>	Rating **	M	Issue No.	<b>7</b>
LM End	<b>0.05</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.677391 °	38.677373 °
				-121.709754 °	-121.708907 °
DWR ID	DWR_RD2035_01_f_2015_7				
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 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  
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**Levee Inspection Report By Mile - Fall 2015**

**Reclamation District No. 2035 Conaway**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Cache Creek Settling Basin	Right	2.01	11/12/2015 11/12/2015	Jai Lor

LM Start	<b>0.03</b>	Rating **	A/W	Issue No.	<b>11</b>
LM End	<b>2.00</b>	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 : FA\_2015\_RD2035\_238\_11\_20151030\_00001.jpg



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

LM Start	<b>0.70</b>	Rating **	M	Issue No.	<b>9</b>
LM End	<b>0.70</b>	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				
Action/Comments					
Debris					

Photo 1 of 1 : FA\_2015\_RD2035\_238\_9\_20151113\_00006.jpg



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

LM Start	<b>1.11</b>	Rating **	M	Issue No.	<b>10</b>
LM End	<b>1.11</b>	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				
Action/Comments					
Repair the levee slope damaged by livestock and prevent large animal access. Inspector Comments: Ruts on crown could be caused by collapsed rodent holes.					

Photo 1 of 1 : FA\_2015\_RD2035\_238\_10\_20151113\_00007.jpg



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

**Reclamation District No. 2035 Conaway**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Cache Creek Settling Basin	Right	2.01	11/12/2015 11/12/2015	Jai Lor

LM Start	<b>1.27</b>	Rating **	M	Issue No.	<b>15</b>
LM End	<b>1.27</b>	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					
Action/Comments					
Inspector Comments: FS_ID:42012 DS_ID:17816 EP_NO: 12597 FS_HLM: 1.255 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					

Photo 1 of 3 : UCIP\_FA\_2015\_0325.jpg



Burried steel riser on WS shoulder

Photo 2 of 3 : UCIP\_FA\_2015\_0326.jpg



Exposed pipe at WS toe/stream.

LM Start	<b>1.27</b>	Rating **	M	Issue No.	<b>15 (cont)</b>
LM End	<b>1.27</b>	Issue Type +	En	Location *	CR

<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 - Fall 2015**

**Reclamation District No. 2035 Conaway**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Cache Creek Settling Basin	Right	2.01	11/12/2015 11/12/2015	Jai Lor

LM Start	<b>1.27</b>	Rating **	M	Issue No.	<b>15 (cont)</b>
LM End	<b>1.27</b>	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					
Action/Comments					
Inspector Comments: FS_ID:42012 DS_ID:17816 EP_NO: 12597 FS_HLM: 1.255 Repair Type: Non-Urgent Crossing Status: Found					

Photo 3 of 3 : UCIP\_FA\_2015\_0327.jpg



Exposed pipe at WS toe/stream.

LM Start	<b>1.87</b>	Rating **	M	Issue No.	<b>16</b>
LM End	<b>1.87</b>	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					
Action/Comments					
Inspector Comments: FS_ID:10913 DS_ID:17867 EP_NO: 13201 FS_HLM: 1.846 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					

Photo 1 of 2 : UCIP\_FA\_2015\_0377.jpg



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

<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 - Fall 2015**

**Reclamation District No. 2035 Conaway**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Cache Creek Settling Basin	Right	2.01	11/12/2015 11/12/2015	Jai Lor

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						
Action/Comments						
Inspector Comments: FS_ID:10913 DS_ID:17867 EP_NO: 13201 FS_HLM: 1.846 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						

Photo 2 of 2 : UCIP\_FA\_2015\_0378.jpg



Natural gas well on south side of 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						
Action/Comments						
Inspector Comments: FS_ID:10914 DS_ID:17817 EP_NO: 2544 FS_HLM: 1.91 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						

Photo 1 of 1 : UCIP\_FA\_2015\_0379.jpg



36-inch Concrete stand pipe on WS shoulder.

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

**Unit Cover Sheet**

**Fall 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)			<b>M</b>	
Date of Inspection	03/30/2015 - 03/30/2015		11/12/2015 - 11/12/2015	
DWR Inspector	Michael Pitta		Jai Lor	
Accompanied By	Peter Blum		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
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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:

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**Flood Control Project Maintenance  
Levee Inspections**

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

**Reclamation District No. 2035 Conaway**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Right	7.63	11/12/2015 11/12/2015	Jai Lor

LM Start	<b>0.08</b>	Rating **	A	Issue No.	<b>15</b>
LM End	<b>7.63</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.676106 °	38.575386 °
				-121.672418 °	-121.635638 °
DWR ID	DWR_RD2035_02_f_2015_15				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements. Inspector Comments: Levee slope has been burned and dragged.					

No Photos

LM Start	<b>0.08</b>	Rating **	A	Issue No.	<b>14</b>
LM End	<b>7.63</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.676104 °	38.575386 °
				-121.672422 °	-121.635638 °
DWR ID	DWR_RD2035_02_f_2015_14				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements. Inspector Comments: Levee slope has been burned and dragged.					

Photo 1 of 1 : FA\_2015\_RD2035\_239\_14\_20151113\_00007.jpg



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

LM Start	<b>0.10</b>	Rating **	M	Issue No.	<b>16</b>
LM End	<b>0.10</b>	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				
Action/Comments					
Add appropriate material and re-grade the levee to bring the crown above the design elevation.					

Photo 1 of 1 : FA\_2015\_RD2035\_239\_16\_20151113\_00008.jpg



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

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

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

**Reclamation District No. 2035 Conaway**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Right	7.63	11/12/2015 11/12/2015	Jai Lor

LM Start	<b>0.28</b>	Rating **	M	Issue No.	<b>1</b>
LM End	<b>0.36</b>	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					
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. 2015: Site is part of the extended inventory, last inspected 2011. [2015 Site ID: YOL_0-1_R]					

No Photos

LM Start	<b>0.38</b>	Rating **	U	Issue No.	<b>980</b>
LM End	<b>0.38</b>	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 FS_HLM: 0.373 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					

Photo 1 of 3 : UCIP\_FA\_2015\_0380.jpg



Broken flap gate at WS toe.

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

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

**Reclamation District No. 2035 Conaway**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Right	7.63	11/12/2015 11/12/2015	Jai Lor

LM Start	<b>0.38</b>	Rating **	U	Issue No.	<b>980 (cont)</b>
LM End	<b>0.38</b>	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					
<b>Action/Comments</b>					
Inspector Comments: FS_ID:43083 DS_ID:17822 EP_NO: N/A FS_HLM: 0.373 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					

Photo 2 of 3 : UCIP\_FA\_2015\_0381.jpg



Pipe and flap gate with vent riser on WS toe.

Photo 3 of 3 : UCIP\_FA\_2015\_0382.jpg



Pumping plant off LS 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 - Fall 2015**

**Reclamation District No. 2035 Conaway**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Right	7.63	11/12/2015 11/12/2015	Jai Lor

LM Start	<b>1.71</b>	Rating **	<b>U</b>	Issue No.	<b>981</b>
LM End	<b>1.71</b>	Issue Type +	<b>En</b>	Location *	<b>WS</b>
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 FS_HLM: 1.695 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					

Photo 1 of 3 : UCIP\_FA\_2015\_0181.jpg



Pipe with gasoline markers on WS slope.

Photo 2 of 3 : UCIP\_FA\_2015\_0182.jpg



Pipe on WS shoulder.

LM Start	<b>1.71</b>	Rating **	<b>U</b>	Issue No.	<b>981 (cont)</b>
LM End	<b>1.71</b>	Issue Type +	<b>En</b>	Location *	<b>WS</b>

<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 - Fall 2015**

**Reclamation District No. 2035 Conaway**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Right	7.63	11/12/2015 11/12/2015	Jai Lor

LM Start	<b>1.71</b>	Rating **	U	Issue No.	<b>981 (cont)</b>
LM End	<b>1.71</b>	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 FS_HLM: 1.695 Repair Type: Urgent Crossing Status: Found					

Photo 3 of 3 : UCIP\_FA\_2015\_0183.jpg



Pipe crossing with gasline marker on LS shoulder.

LM Start	<b>1.98</b>	Rating **	M	Issue No.	<b>4</b>
LM End	<b>2.03</b>	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					
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. 2015: Site is part of the extended inventory, last inspected 2011. [2015 Site ID: YOL_2-0_R]					

No Photos

LM Start	<b>2.18</b>	Rating **	M	Issue No.	<b>979</b>
LM End	<b>4.02</b>	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 Inspector Comments: Ditch is at the toe of the levee.					

Photo 1 of 2 : FA\_2015\_RD2035\_239\_979\_20151030\_00002.jpg



Drainage ditch at L/S levee toe.

<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 - Fall 2015**

**Reclamation District No. 2035 Conaway**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Right	7.63	11/12/2015 11/12/2015	Jai Lor

LM Start	<b>2.83</b>	Rating **	M	Issue No.	<b>982</b>
LM End	<b>2.83</b>	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 FS_HLM: 2.81 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	<b>4.09</b>	Rating **	M	Issue No.	<b>7</b>
LM End	<b>4.41</b>	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					
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. 2015: Site is part of the extended inventory, last inspected 2011. [2015 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 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 - Fall 2015**

**Reclamation District No. 2035 Conaway**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Right	7.63	11/12/2015 11/12/2015	Jai Lor

LM Start	<b>4.43</b>	Rating **	M	Issue No.	<b>983</b>
LM End	<b>4.43</b>	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					

**Action/Comments**  
 Inspector Comments: FS\_ID:11526  
 DS\_ID:17828  
 EP\_NO: 1701  
 FS\_HLM: 4.39  
 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	<b>4.43</b>	Rating **	M	Issue No.	<b>983 (cont)</b>
LM End	<b>4.43</b>	Issue Type +	En	Location *	WS

Photo 1 of 3 : UCIP\_FA\_2015\_0189.jpg



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

Photo 2 of 3 : UCIP\_FA\_2015\_0190.jpg



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

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

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

**Reclamation District No. 2035 Conaway**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Right	7.63	11/12/2015 11/12/2015	Jai Lor

LM Start	<b>4.43</b>	Rating **	M	Issue No.	<b>983 (cont)</b>
LM End	<b>4.43</b>	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					
Action/Comments					
Inspector Comments: FS_ID:11526 DS_ID:17828 EP_NO: 1701 FS_HLM: 4.39 Repair Type: Non-Urgent Crossing Status: Found					

Photo 3 of 3 : UCIP\_FA\_2015\_0191.jpg



Surge box and pumping plant on LS toe.

LM Start	<b>4.43</b>	Rating **	M	Issue No.	<b>10</b>
LM End	<b>6.57</b>	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 Inspector Comments: Ditch is at the levee toe.					

Photo 1 of 2 : FA\_2015\_RD2035\_239\_10\_20151030\_00001.jpg



Drainage ditch at L/S levee toe.

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

Photo 2 of 2 : FA\_2015\_RD2035\_239\_10\_20151113\_00011.jpg



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

<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 - Fall 2015**

**Reclamation District No. 2035 Conaway**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Right	7.63	11/12/2015 11/12/2015	Jai Lor

LM Start	<b>5.81</b>	Rating **	A/W	Issue No.	<b>19</b>
LM End	<b>5.81</b>	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				
Action/Comments					
Remove the wild growth other than native grasses from the levee slopes. Inspector Comments: Recommend getting rid of arundo.					

Photo 1 of 1 : FA\_2015\_RD2035\_239\_19\_20151113\_00012.jpg



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

LM Start	<b>6.50</b>	Rating **	U	Issue No.	<b>984</b>
LM End	<b>6.50</b>	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					
Action/Comments					
Inspector Comments: FS_ID:42938 DS_ID:17868 EP_NO: 16480 FS_HLM: 6.445 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					

Photo 1 of 3 : UCIP\_FA\_2015\_0468.jpg



Slide gates at WS toe.

<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 - Fall 2015**

**Reclamation District No. 2035 Conaway**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Right	7.63	11/12/2015 11/12/2015	Jai Lor

LM Start	<b>6.50</b>	Rating **	U	Issue No.	<b>984 (cont)</b>
LM End	<b>6.50</b>	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					
Action/Comments					
Inspector Comments: FS_ID:42938 DS_ID:17868 EP_NO: 16480 FS_HLM: 6.445 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					

Photo 2 of 3 : UCIP\_FA\_2015\_0469.jpg



Pumping plant on LS toe.

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

Photo 3 of 3 : UCIP\_FA\_2015\_0470.jpg



Steel walkway to slide gates on WS shoulder.

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

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

**Reclamation District No. 2035 Conaway**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Right	7.63	11/12/2015 11/12/2015	Jai Lor

LM Start	<b>6.50</b>	Rating **	U	Issue No.	<b>985</b>
LM End	<b>6.50</b>	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					
Action/Comments					
Inspector Comments: FS_ID:42937 DS_ID:17891 EP_NO: 16480 FS_HLM: 6.446 Repair Type: Urgent Crossing Status: Found					

Photo 1 of 3 : UCIP\_FA\_2015\_0465.jpg



Slide gates at outlet on WS toe.

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

Photo 2 of 3 : UCIP\_FA\_2015\_0466.jpg



Surge box and pumping plant on LS 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	<b>N : Not Inspected/Rated</b> C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

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

**Reclamation District No. 2035 Conaway**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Right	7.63	11/12/2015 11/12/2015	Jai Lor

LM Start	<b>6.50</b>	Rating **	U	Issue No.	<b>985 (cont)</b>
LM End	<b>6.50</b>	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					
Action/Comments					
Inspector Comments: FS_ID:42937 DS_ID:17891 EP_NO: 16480 FS_HLM: 6.446 Repair Type: Urgent Crossing Status: Found					

Photo 3 of 3 : UCIP\_FA\_2015\_0467.jpg



Steel walkway to Slide gate handles on WS shoulder.

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

**Unit Cover Sheet**

**Fall 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)			A	
Date of Inspection	03/30/2015 - 03/30/2015		11/12/2015 - 11/12/2015	
DWR Inspector	Michael Pitta		Jai Lor	
Accompanied By	Peter Blum		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 - Fall 2015**

**Reclamation District No. 2035 Conaway**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Willow Slough Bypass	Left	2.51	11/12/2015 11/12/2015	Jai Lor

LM Start	<b>0.00</b>	Rating **	A	Issue No.	<b>7</b>
LM End	<b>2.51</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.575385 °	38.590808 °	
			-121.635686 °	-121.665129 °	
DWR ID	DWR_RD2035_03_f_2015_7				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements. Inspector Comments: Levee slope has been burned and dragged.					

Photo 1 of 1 : FA\_2015\_RD2035\_240\_7\_20151113\_00007.jpg



View of the vegetation on the landward side of the levee looking upstream. Fall 2015.

LM Start	<b>0.00</b>	Rating **	A	Issue No.	<b>8</b>
LM End	<b>2.51</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.575386 °	38.590808 °	
			-121.635687 °	-121.665133 °	
DWR ID	DWR_RD2035_03_f_2015_8				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements. Inspector Comments: Levee slope has been burned and dragged.					

No Photos

LM Start	<b>0.06</b>	Rating **	M	Issue No.	<b>973</b>
LM End	<b>2.16</b>	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 : FA\_2015\_RD2035\_240\_973\_20151030\_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 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 - Fall 2015**

**Reclamation District No. 2035 Conaway**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Willow Slough Bypass	Left	2.51	11/12/2015 11/12/2015	Jai Lor

LM Start	<b>0.81</b>	Rating **	U	Issue No.	<b>974</b>
LM End	<b>0.81</b>	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 FS_HLM: 0.803 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					

Photo 1 of 2 : UCIP\_FA\_2015\_0487.jpg



Gasline vent off LS toe.

LM Start	<b>0.81</b>	Rating **	U	Issue No.	<b>974 (cont)</b>
LM End	<b>0.81</b>	Issue Type +	En	Location *	LS

Photo 2 of 2 : UCIP\_FA\_2015\_0488.jpg



Gasline vent off LS 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	<b>N : Not Inspected/Rated</b> C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

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

**Reclamation District No. 2035 Conaway**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Willow Slough Bypass	Left	2.51	11/12/2015 11/12/2015	Jai Lor

LM Start	<b>1.39</b>	Rating **	M	Issue No.	<b>975</b>
LM End	<b>1.39</b>	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 FS_HLM: 1.38 Repair Type: Non-Urgent Crossing Status: Found					

Photo 1 of 3 : UCIP\_FA\_2015\_0489.jpg



Vegetated area blocks access to WS of pipe.

LM Start	<b>1.39</b>	Rating **	M	Issue No.	<b>975 (cont)</b>
LM End	<b>1.39</b>	Issue Type +	En	Location *	LS

Photo 2 of 3 : UCIP\_FA\_2015\_0490.jpg



Slide gate and headwall in canal at LS 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 - Fall 2015**

**Reclamation District No. 2035 Conaway**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Willow Slough Bypass	Left	2.51	11/12/2015 11/12/2015	Jai Lor

LM Start	<b>1.39</b>	Rating **	M	Issue No.	<b>975 (cont)</b>
LM End	<b>1.39</b>	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 FS_HLM: 1.38 Repair Type: Non-Urgent Crossing Status: Found					

Photo 3 of 3 : UCIP\_FA\_2015\_0491.jpg



Slide gate and headwall in canal at LS toe.

LM Start	<b>1.90</b>	Rating **	M	Issue No.	<b>9</b>
LM End	<b>1.90</b>	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				
Action/Comments					
Monitor and have inspected by geotechnical engineer.					

Photo 1 of 1 : FA\_2015\_RD2035\_240\_9\_20151113\_00008.jpg



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

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

**Flood Control Project Maintenance  
Levee Inspections**

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

**Reclamation District No. 2035 Conaway**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Willow Slough Bypass	Left	2.51	11/12/2015 11/12/2015	Jai Lor

LM Start	<b>2.17</b>	Rating **	M	Issue No.	<b>976</b>
LM End	<b>2.17</b>	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					

**Action/Comments**  
 Inspector Comments: FS\_ID:11011  
 DS\_ID:17837  
 EP\_NO: N/A  
 FS\_HLM: 2.161  
 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

LM Start	<b>2.17</b>	Rating **	M	Issue No.	<b>976 (cont)</b>
LM End	<b>2.17</b>	Issue Type +	En	Location *	CR

Photo 1 of 2 : UCIP\_FA\_2015\_0500.jpg



Slide gate at LS toe showing excessive vegetation.

Photo 2 of 2 : UCIP\_FA\_2015\_0501.jpg



Slide gate at WS toe showing excessive vegetation.

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

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

**Reclamation District No. 2035 Conaway**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Willow Slough Bypass	Left	2.51	11/12/2015 11/12/2015	Jai Lor

LM Start	<b>2.18</b>	Rating **	M	Issue No.	<b>10</b>
LM End	<b>2.21</b>	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				
Action/Comments					
Add appropriate material and re-grade the levee to bring the crown above the design elevation.					

Photo 1 of 1 : FA\_2015\_RD2035\_240\_10\_20151113\_00009.jpg



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

LM Start	<b>2.19</b>	Rating **	M	Issue No.	<b>977</b>
LM End	<b>2.19</b>	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					
Action/Comments					
Inspector Comments: FS_ID:11012 DS_ID:17838 EP_NO: N/A FS_HLM: 2.181 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					

Photo 1 of 3 : UCIP\_FA\_2015\_0502.jpg



Headwall and pipe on LS toe.

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

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

**Reclamation District No. 2035 Conaway**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Willow Slough Bypass	Left	2.51	11/12/2015 11/12/2015	Jai Lor

LM Start	<b>2.19</b>	Rating **	M	Issue No.	<b>977 (cont)</b>
LM End	<b>2.19</b>	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					

**Action/Comments**  
 Inspector Comments: FS\_ID:11012  
 DS\_ID:17838  
 EP\_NO: N/A  
 FS\_HLM: 2.181  
 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

LM Start	<b>2.19</b>	Rating **	M	Issue No.	<b>977 (cont)</b>
LM End	<b>2.19</b>	Issue Type +	En	Location *	CR

Photo 2 of 3 : UCIP\_FA\_2015\_0503.jpg



Headwall at bottom of fenceline on LS to.e

Photo 3 of 3 : UCIP\_FA\_2015\_0504.jpg



Combination flap and slide gate on WS toe. With excessive vegetation

<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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