

**Flood Control Project Maintenance
Levee Inspections
LMA District Cover Sheet
Spring 2012 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.

Comments

**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Spring 2012 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	4/2/2012 - 4/2/2012			
DWR Inspector	Clay Thomas			
Accompanied By				

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 2012

Reclamation District No. 2035 Conaway

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Cache Creek Settling Basin	Right	2.01	04/02/2012 04/02/2012	Clay Thomas

LMIR No.	Levee Mile		Category	Item	* Location	+ Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
1			Earthen Levee	Operations & Maintenance Manuals	LS	A Ma		°	°	5
DWR ID: DWR_RD2035_01_s_2012_5										
2			Earthen Levee	Emergency Supplies & Equipment	LS	A Ma		°	°	6
DWR ID: DWR_RD2035_01_s_2012_6										
3			Earthen Levee	Flood Preparedness & Training	LS	A Ma		°	°	7
DWR ID: DWR_RD2035_01_s_2012_7										
4	0.02	2.01	Earthen Levee	Vegetation	CR	M Ma	V2 : Remove the wild growth other than native grasses from the levee slopes.	38.677373 ° -121.709625 °	38.677198 ° -121.673299 °	3 Y
DWR ID: DWR_RD2035_01_s_2012_3										
5	0.02	2.01	Earthen Levee	Vegetation	WS	M Ma	V2 : Remove the wild growth other than native grasses from the levee slopes.	38.677373 ° -121.709624 °	38.677195 ° -121.673448 °	2 Y
DWR ID: DWR_RD2035_01_s_2012_2										
6	0.02	2.01	Earthen Levee	Vegetation	LS	M Ma	V2 : Remove the wild growth other than native grasses from the levee slopes.	38.677386 ° -121.709717 °	38.677197 ° -121.673297 °	1 Y
DWR ID: DWR_RD2035_01_s_2012_1										

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

Levee Inspection Report By Mile - Spring 2012

Reclamation District No. 2035 Conaway

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Cache Creek Settling Basin	Right	2.01	04/02/2012 04/02/2012	Clay Thomas

Levee Mile Report Line	4
Start Levee Mile	0.02
End Levee Mile	2.01
Location	Crown
Category	Earthen Levee
Item	Vegetation
<p>This photo was taken at levee mile 0.02 looking downstream at the crown vegetation.</p>	
<p>cathom_s_20120406_423.JPG</p>	



Levee Mile Report Line	5
Start Levee Mile	0.02
End Levee Mile	2.01
Location	Water Side
Category	Earthen Levee
Item	Vegetation
<p>This photo is from levee mile 0.02, waterside vegetation.</p>	
<p>cathom_s_20120406_421.JPG</p>	



Levee Mile Report Line	6
Start Levee Mile	0.02
End Levee Mile	2.01
Location	Land Side
Category	Earthen Levee
Item	Vegetation
<p>This photo was taken at levee mile 0.02 looking downstream at the landside vegetation.</p>	
<p>cathom_s_20120406_422.JPG</p>	



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

Unit Cover Sheet

Spring 2012 Levee Inspection Results

Reclamation District No. 2035 Conaway

Waterway		Bank	Unit Miles
Unit No. 02 Yolo Bypass		Right	7.57

	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)				
Date of Inspection	4/2/2012 - 4/2/2012			
DWR Inspector	Clay Thomas			
Accompanied By				

Summer & Winter Inspections

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2012

Reclamation District No. 2035 Conaway

Waterway				Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass				Right	7.57	04/02/2012 04/02/2012	Clay Thomas

LMIR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
1	0.17	7.41	Earthen Levee	Vegetation	WS	A Ma	V1 : Control annual grass and weeds on the levee slopes and easements.	38.674727 ° -121.672146 °	38.576964 ° -121.633620 °	2 Y
DWR ID: DWR_RD2035_02_s_2012_2										
2	0.17	7.41	Earthen Levee	Vegetation	LS	A Ma	V1 : Control annual grass and weeds on the levee slopes and easements.	38.674727 ° -121.672145 °	38.576963 ° -121.633620 °	1 Y
DWR ID: DWR_RD2035_02_s_2012_1										
3	1.19	1.23	Supplemental	USACE Erosion Survey	WS	M Ma	Inspector Comments: 2011: Small sections of slumping, likely from wind wave. [2011 Site ID: YOL_1-2_R]	38.660050 ° -121.669028 °	38.659465 ° -121.668940 °	4 Y
DWR ID: DWR_RD2035_02_s_2012_4										
4	1.97	2.01	Supplemental	USACE Erosion Survey	WS	M Ma	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. [2011 Site ID: YOL_2-0_R]	38.648881 ° -121.666653 °	38.648178 ° -121.666385 °	5 Y
DWR ID: DWR_RD2035_02_s_2012_5										
5	2.23	4.01	Earthen Levee	Encroachments	LS	M En	AD : Agricultural Ditch	38.645470 ° -121.665573 °	38.623062 ° -121.648925 °	979 Y
DWR ID: DWR_RD2035_02_s_2012_979										
6	4.06	4.37	Supplemental	USACE Erosion Survey	WS	M Ma	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. [2011 Site ID: YOL_4-2_R]	38.622224 ° -121.648201 °	38.618302 ° -121.645296 °	6 Y
DWR ID: DWR_RD2035_02_s_2012_6										

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

Levee Inspection Report By Mile - Spring 2012

Reclamation District No. 2035 Conaway

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Right	7.57	04/02/2012 04/02/2012	Clay Thomas

Levee Mile Report Line	1
Start Levee Mile	0.17
End Levee Mile	7.41
Location	Water Side
Category	Earthen Levee
Item	Vegetation
Waterward slope looking downstream.	
dpesaven_s_20120504_409.JPG	



Levee Mile Report Line	2
Start Levee Mile	0.17
End Levee Mile	7.41
Location	Land Side
Category	Earthen Levee
Item	Vegetation
Landward slope looking downstream.	
dpesaven_s_20120504_408.JPG	



Levee Mile Report Line	3
Start Levee Mile	1.19
End Levee Mile	1.23
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey
USACE 2011 Photo #1	
cathom_s_20120307_404.jpg	



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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2012

Reclamation District No. 2035 Conaway

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Right	7.57	04/02/2012 04/02/2012	Clay Thomas

Levee Mile Report Line	4
Start Levee Mile	1.97
End Levee Mile	2.01
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey
USACE 2011 Photo #1	
cathom_s_20120307_405.jpg	



Levee Mile Report Line	4
Start Levee Mile	1.97
End Levee Mile	2.01
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey
USACE 2011 Photo #2	
cathom_s_20120307_406.jpg	



Levee Mile Report Line	6
Start Levee Mile	4.06
End Levee Mile	4.37
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey
USACE 2011 Photo #1	
cathom_s_20120307_407.jpg	



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**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Spring 2012 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	4/2/2012 - 4/2/2012			
DWR Inspector	Clay Thomas			
Accompanied By	Regina Cherovsky			

Summer & Winter Inspections

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Levee Inspections**

Levee Inspection Report By Mile - Spring 2012

Reclamation District No. 2035 Conaway

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Willow Slough Bypass	Left	2.51	04/02/2012 04/02/2012	Clay Thomas

LMR No.	Levee Mile		Category	Item	* Location	+ Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
1	0.05	2.23	Earthen Levee	Vegetation	LS	A Ma	V1 : Control annual grass and weeds on the levee slopes and easements.	38.575534 ° -121.636516 °	38.590890 ° -121.660117 °	1 Y
DWR ID: DWR_RD2035_03_s_2012_1										
2	0.05	1.78	Earthen Levee	Vegetation	WS	A Ma	V1 : Control annual grass and weeds on the levee slopes and easements.	38.575535 ° -121.636516 °	38.591170 ° -121.651791 °	2 Y
DWR ID: DWR_RD2035_03_s_2012_2										
3	0.08	2.09	Earthen Levee	Encroachments	LS	M En	AD : Agricultural Ditch	38.575615 ° -121.636680 °	38.590877 ° -121.657538 °	973
DWR ID: DWR_RD2035_03_s_2012_973										
4	1.78	2.15	Earthen Levee	Vegetation	WS	M Ma	V1 : Control annual grass and weeds on the levee slopes and easements.	38.591170 ° -121.651791 °	38.590936 ° -121.658709 °	4
DWR ID: DWR_RD2035_03_s_2012_4										
5	1.80	1.80	Earthen Levee	Crown Surface / Depressions / Rutting	CR	C Ma	C3 : Add appropriate gravel or road base. Grade and compact.	38.591140 ° -121.652100 °	38.591140 ° -121.652100 °	5
DWR ID: DWR_RD2035_03_s_2012_5										

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Levee Inspections**

Levee Inspection Report By Mile - Spring 2012

Reclamation District No. 2035 Conaway

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Willow Slough Bypass	Left	2.51	04/02/2012 04/02/2012	Clay Thomas

Levee Mile Report Line	1
Start Levee Mile	0.05
End Levee Mile	2.23
Location	Land Side
Category	Earthen Levee
Item	Vegetation
Landward slope looking upstream.	
dpesaven_s_20120504_409.JPG	



Levee Mile Report Line	2
Start Levee Mile	0.05
End Levee Mile	1.78
Location	Water Side
Category	Earthen Levee
Item	Vegetation
Waterward slope looking upstream.	
dpesaven_s_20120504_410.JPG	



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