

**Flood Control Project Maintenance  
Levee Inspections**

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2015

### Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Yolo Bypass	Left	15.41	03/23/2015 03/23/2015	Richard Willoughby

LM Start	0.00	Rating **	A	Issue No.	53		
LM End	0.00	Issue Type +	Ma	Location *	N/A		
Category	Earthen Levee			GPS Latitude/Longitude			
				Start		End	
Item	Operations & Maintenance Manuals				°		°
					°		°
DWR ID	DWR_RD0999_01_s _ 2013_53						
Action/Comments							
Inspector Comments: The LMA has copy of the O & M manual on file.							

No Photos

LM Start	0.00	Rating **	A	Issue No.	54
LM End	0.00	Issue Type +	Ma	Location *	N/A
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Emergency Supplies & Equipment				°
					°
DWR ID	DWR_RD0999_01_s _ 2013_54				
Action/Comments					
Inspector Comments: The LMA has adequate floodfight supplies and equipment on hand.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	55	
LM End	0.00	Issue Type +	Ma	Location *	N/A	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Flood Preparedness & Training				°	°
					°	°
DWR ID	DWR_RD0999_01_s _ 2013_55					
Action/Comments						
Inspector Comments: The LMA is prepared for responding to floods and has received training.						

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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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Yolo Bypass	Left	15.41	03/23/2015 03/23/2015	Richard Willoughby

LM Start	0.27	Rating **	M	Issue No.	3
LM End	0.27	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.501113 °	38.501113 °
				-121.581975 °	-121.581975 °
DWR ID	DWR_RD0999_01_s _ 2012_3				
Action/Comments					
Elderberries are blocking visibility and flood fight capability.					

No Photos

LM Start	1.73	Rating **	A/W	Issue No.	4
LM End	1.75	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.480082 °	38.479788 °
				-121.580930 °	-121.580918 °
DWR ID	DWR_RD0999_01_s _ 2012_4				
Action/Comments					
Trim trees to at least five feet above ground level.					

Photo 1 of 2 : SP\_2015\_RD0999\_232\_4\_20150309\_00006.jpg



Looking northwest at trimmed trees on waterward slope.

LM Start	<b>1.73</b>	Rating **	A/W	Issue No.	<b>4 (cont)</b>
LM End	<b>1.75</b>	Issue Type +	Ma	Location *	WS

Photo 2 of 2 : SP\_2015\_RD0999\_232\_4\_20150309\_00007.jpg



Looking southwest at trimmed trees on waterward slope.

<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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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Yolo Bypass	Left	15.41	03/23/2015 03/23/2015	Richard Willoughby

LM Start	1.79	Rating **	M	Issue No.	30
LM End	2.04	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.479165 °	38.475463 °
				-121.580640 °	-121.580722 °
DWR ID	DWR_RD0999_01_s_2012_30				
Action/Comments					
Trim trees to at least five feet above ground level.					

Photo 1 of 5 : SP\_2015\_RD0999\_232\_30\_20150327\_00072.jpg



Looking southeast at untrimmed trees on landward slope. (Spring 2015)

Photo 2 of 5 : SP\_2015\_RD0999\_232\_30\_20150327\_00073.jpg



Looking southeast at dense trees on landward slope. (Spring 2015)

Photo 3 of 5 : SP\_2015\_RD0999\_232\_30\_20150309\_00030.jpg



Looking south at typical view of untrimmed trees on landward slope.

LM Start	<b>1.79</b>	Rating **	M	Issue No.	<b>30 (cont)</b>
LM End	<b>2.04</b>	Issue Type +	Ma	Location *	LS

LM Start	<b>1.79</b>	Rating **	M	Issue No.	<b>30 (cont)</b>
LM End	<b>2.04</b>	Issue Type +	Ma	Location *	LS

* 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	

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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Yolo Bypass	Left	15.41	03/23/2015 03/23/2015	Richard Willoughby

LM Start	1.79	Rating **	M	Issue No.	30 (cont)	
LM End	2.04	Issue Type +	Ma	Location *	LS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Trim / Thin Trees			38.479165 °		38.475463 °
				-121.580640 °		-121.580722 °
DWR ID	DWR_RD0999_01_s _ 2012_30					
Action/Comments						
Trim trees to at least five feet above ground level.						

Photo 4 of 5 : SP\_2015\_RD0999\_232\_30\_20150309\_00031.jpg



Looking north at several untrimmed trees on landside slope.

LM Start	<b>1.79</b>	Rating **	M	Issue No.	<b>30 (cont)</b>
LM End	<b>2.04</b>	Issue Type +	Ma	Location *	LS

Photo 5 of 5 : SP\_2015\_RD0999\_232\_30\_20150309\_00032.jpg



Looking southeast at dense trees on landside slope and toe. (2013)

LM Start	2.13	Rating **	M	Issue No.	7
LM End	2.13	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.474258 °	38.474258 °
				-121.580528 °	-121.580528 °
DWR ID	DWR_RD0999_01_s _ 2012_7				
Action/Comments					
Trim trees to at least five feet above ground level.					

Photo 1 of 3 : SP\_2015\_RD0999\_232\_7\_20150327\_00074.jpg



Looking south at untrimmed trees on waterward slope. (Spring 2015)

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

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

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



**Flood Control Project Maintenance  
Levee Inspections**

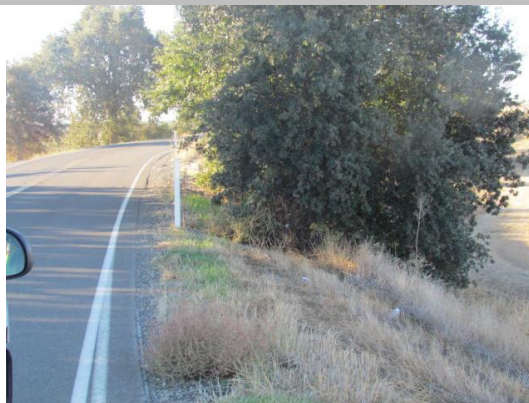
## Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2015

### Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Yolo Bypass	Left	15.41	03/23/2015 03/23/2015	Richard Willoughby

LM Start	2.13	Rating **	M	Issue No.	7 (cont)	
LM End	2.13	Issue Type +	Ma	Location *	WS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Trim / Thin Trees			38.474258 °	38.474258 °	
				-121.580528 °	-121.580528 °	
DWR ID	DWR_RD0999_01_s_2012_7					
Action/Comments						
Trim trees to at least five feet above ground level.						

Photo 2 of 3 : SP\_2015\_RD0999\_232\_7\_20150309\_00013.jpg



Looking south at untrimmed trees on waterward slope. (Fall 2014)

LM Start	<b>2.13</b>	Rating **	M	Issue No.	<b>7 (cont)</b>
LM End	<b>2.13</b>	Issue Type +	Ma	Location *	WS

Photo 3 of 3 : SP\_2015\_RD0999\_232\_7\_20150309\_00014.jpg



Looking southwest at untrimmed trees on waterside slope.

LM Start	2.13	Rating **	M	Issue No.	31
LM End	2.13	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.474200 °	38.474200 °
				-121.580480 °	-121.580480 °
DWR ID	DWR_RD0999_01_s_2012_31				
Action/Comments					
Trim trees to at least five feet above ground level.					

Photo 1 of 3 : SP\_2015\_RD0999\_232\_31\_20150327\_00075.jpg



Looking southeast at untrimmed trees on landward slope. (Spring 2015)

<b>* Location</b>		<b>** Rating</b>		<b>+ Issue Type</b>	
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**

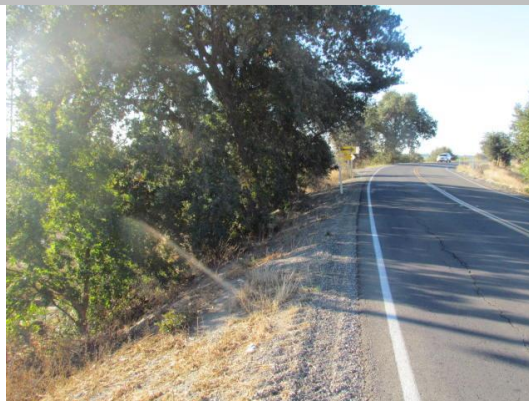
## Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2015

### Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Yolo Bypass	Left	15.41	03/23/2015 03/23/2015	Richard Willoughby

LM Start	2.13	Rating **	M	Issue No.	31 (cont)	
LM End	2.13	Issue Type +	Ma	Location *	LS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Trim / Thin Trees			38.474200 °		38.474200 °
				-121.580480 °		-121.580480 °
DWR ID	DWR_RD0999_01_s _ 2012_31					
Action/Comments						
Trim trees to at least five feet above ground level.						

Photo 2 of 3 : SP\_2015\_RD0999\_232\_31\_20150309\_00033.jpg



Looking southeast at untrimmed trees on landward slope. (Fall 2014)

LM Start	<b>2.13</b>	Rating **	M	Issue No.	<b>31 (cont)</b>
LM End	<b>2.13</b>	Issue Type +	Ma	Location *	LS

Photo 3 of 3 : SP\_2015\_RD0999\_232\_31\_20150309\_00034.jpg



Looking southeast at untrimmed trees on landside slope.

LM Start	2.18	Rating **	A/W	Issue No.	8
LM End	2.19	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.473542 °	38.473417 °
				-121.580793 °	-121.580885 °
DWR ID	DWR_RD0999_01_s _ 2012_8				
Action/Comments					
Thin trees to allow visibility of the ground and room to flood fight.					

Photo 1 of 1 : SP\_2015\_RD0999\_232\_8\_20150309\_00015.jpg



Looking southwest at trimmed trees on waterside slope. (Spring 2012)

* 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	

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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Yolo Bypass	Left	15.41	03/23/2015 03/23/2015	Richard Willoughby

LM Start	2.27	Rating **	C	Issue No.	47
LM End	2.27	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments				°
					°
DWR ID	DWR_RD0999_01_s_2013_47				
Action/Comments					
Garbage					
Inspector Comments: Garbage (sofa) on waterside toe.					

No Photos

LM Start	2.76	Rating **	A/W	Issue No.	46
LM End	4.98	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Crown Surface / Depressions / Rutting			38.465627 °	38.435378 °
				-121.584634 °	-121.598664 °
DWR ID	DWR_RD0999_01_f_2013_46				
Action/Comments					
Repair depressions or ruts in the crown or slope. Inspector Comments: Control growth on levee crown and repair ruts on levee crown.					

Photo 1 of 3 : SP\_2015\_RD0999\_232\_46\_20150309\_00046.jpg



Looking north at rutting on levee crown.

LM Start	<b>2.76</b>	Rating **	A/W	Issue No.	<b>46 (cont)</b>
LM End	<b>4.98</b>	Issue Type +	Ma	Location *	CR

Photo 2 of 3 : SP\_2015\_RD0999\_232\_46\_20150309\_00047.jpg



Looking south at growth and ruts on levee crown.

<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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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Yolo Bypass	Left	15.41	03/23/2015 03/23/2015	Richard Willoughby

LM Start	2.76	Rating **	A/W	Issue No.	46 (cont)
LM End	4.98	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Crown Surface / Depressions / Rutting			38.465627 °	38.435378 °
				-121.584634 °	-121.598664 °
DWR ID	DWR_RD0999_01_f_2013_46				
Action/Comments					
Repair depressions or ruts in the crown or slope. Inspector Comments: Control growth on levee crown and repair ruts on levee crown.					

Photo 3 of 3 : SP\_2015\_RD0999\_232\_46\_20150309\_00048.jpg



Looking south at rutting on levee crown.

LM Start	3.24	Rating **	M	Issue No.	51
LM End	3.26	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability				°
					°
DWR ID	DWR_RD0999_01_s_2013_51				
Action/Comments					
Repair slope instability. Inspector Comments: Depression on waterside shoulder and slope 60' x 20'. Earthen material appears to be sliding toward levee toe.					

Photo 1 of 2 : SP\_2015\_RD0999\_232\_51\_20150309\_00056.jpg



Looking north at depression on landside shoulder and slope.

LM Start	<b>3.24</b>	Rating **	M	Issue No.	<b>51 (cont)</b>
LM End	<b>3.26</b>	Issue Type +	Ma	Location *	LS

Photo 2 of 2 : SP\_2015\_RD0999\_232\_51\_20150309\_00057.jpg



Looking northeast at depression on landside 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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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Yolo Bypass	Left	15.41	03/23/2015 03/23/2015	Richard Willoughby

LM Start	4.07	Rating **	A/W	Issue No.	11
LM End	4.07	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.447772 °	38.447772 °
				-121.592912 °	-121.592912 °
DWR ID	DWR_RD0999_01_s _ 2012_11				
Action/Comments					
Trim trees to at least five feet above ground level.					

No Photos

LM Start	4.16	Rating **	N	Issue No.	14
LM End	4.16	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.446619 °	38.446619 °
				-121.593442 °	-121.593442 °
DWR ID	DWR_RD0999_01_s _ 2012_14				
Action/Comments					
Tree stumps.					

No Photos

LM Start	4.17	Rating **	N	Issue No.	15
LM End	4.17	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.446478 °	38.446478 °
				-121.593508 °	-121.593508 °
DWR ID	DWR_RD0999_01_s _ 2012_15				
Action/Comments					
Tree stumps.					

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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Unit No. 01 Yolo Bypass	Left	15.41	03/23/2015 03/23/2015	Richard Willoughby

LM Start	4.31	Rating **	M	Issue No.	35
LM End	4.31	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.444561 °	38.444561 °
				-121.594438 °	-121.594438 °
DWR ID	DWR_RD0999_01_f_2012_35				
Action/Comments					
Repair the levee slope damaged by vehicle traffic and prevent access where possible.					
Inspector Comments: Depression is caused by vehicle traffic.					

Photo 1 of 4 : SP\_2015\_RD0999\_232\_35\_20150327\_00076.jpg



Looking southeast at slope damage cause by vehicle traffic on landward slope. (Spring 2015)

LM Start	<b>4.31</b>	Rating **	M	Issue No.	<b>35 (cont)</b>
LM End	<b>4.31</b>	Issue Type +	Ma	Location *	LS

Photo 2 of 4 : SP\_2015\_RD0999\_232\_35\_20150327\_00077.jpg



Looking south at slope damage cause by vehicle traffic on landward slope. (Spring 2015)

LM Start	<b>4.31</b>	Rating **	M	Issue No.	<b>35 (cont)</b>
LM End	<b>4.31</b>	Issue Type +	Ma	Location *	LS

Photo 3 of 4 : SP\_2015\_RD0999\_232\_35\_20150309\_00035.jpg



Looking north at slope damage caused by vehicle traffic.

<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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Unit No. 01 Yolo Bypass	Left	15.41	03/23/2015 03/23/2015	Richard Willoughby

LM Start	4.31	Rating **	M	Issue No.	35 (cont)	
LM End	4.31	Issue Type +	Ma	Location *	LS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Slope Stability			38.444561 °	38.444561 °	
				-121.594438 °	-121.594438 °	
DWR ID	DWR_RD0999_01_f_2012_35					
Action/Comments						
Repair the levee slope damaged by vehicle traffic and prevent access where possible.						
Inspector Comments: Depression is caused by vehicle traffic.						

Photo 4 of 4 : SP\_2015\_RD0999\_232\_35\_20150309\_00036.jpg



Looking east at slope damage on landside slope.

LM Start	4.31	Rating **	M	Issue No.	27
LM End	4.31	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.444560 °	38.444560 °
				-121.594440 °	-121.594440 °
DWR ID	DWR_RD0999_01_f_2012_27				
Action/Comments					
Repair the levee slope damaged by vehicle traffic and prevent access where possible.					
Inspector Comments: Local farmer causing slope damage by driving equipment and trucks on slope.					

Photo 1 of 3 : SP\_2015\_RD0999\_232\_27\_20150327\_00078.jpg



Looking west at slope damage cause by vehicle traffic on waterward slope. (Spring 2015)

LM Start	<b>4.31</b>	Rating **	M	Issue No.	<b>27 (cont)</b>
LM End	<b>4.31</b>	Issue Type +	Ma	Location *	WS

Photo 2 of 3 : SP\_2015\_RD0999\_232\_27\_20150309\_00027.jpg



Looking northwest at slope damage caused by vehicle traffic. (Fall 2014)

* 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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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Yolo Bypass	Left	15.41	03/23/2015 03/23/2015	Richard Willoughby

LM Start	4.31	Rating **	M	Issue No.	27 (cont)
LM End	4.31	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.444560 °	38.444560 °
				-121.594440 °	-121.594440 °
DWR ID	DWR_RD0999_01_f_2012_27				
Action/Comments					
Repair the levee slope damaged by vehicle traffic and prevent access where possible.					
Inspector Comments: Local farmer causing slope damage by driving equipment and trucks on slope.					

Photo 3 of 3 : SP\_2015\_RD0999\_232\_27\_20150309\_00026.jpg



Looking west at slope damage on waterside slope. (Spring 2014)

LM Start	4.36	Rating **	A/W	Issue No.	45
LM End	4.36	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation				o
					o
DWR ID	DWR_RD0999_01_f_2013_45				
Action/Comments					
Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comments: Landowner has planted cactus on waterward toe.					

Photo 1 of 1 : SP\_2015\_RD0999\_232\_45\_20150309\_00045.jpg



Looking west at cactus on waterward toe.

LM Start	4.57	Rating **	N	Issue No.	16
LM End	4.57	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.441063 °	38.441063 °
				-121.596038 °	-121.596038 °
DWR ID	DWR_RD0999_01_s_2012_16				
Action/Comments					
Tree stumps.					

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**

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2015

### Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Yolo Bypass	Left	15.41	03/23/2015 03/23/2015	Richard Willoughby

LM Start	4.59	Rating **	N	Issue No.	17
LM End	4.59	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.440748 °	38.440748 °
				-121.596187 °	-121.596187 °
DWR ID	DWR_RD0999_01_s_2012_17				
Action/Comments					
Tree stumps.					

No Photos

LM Start	4.83	Rating **	M	Issue No.	34
LM End	4.84	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	USACE Erosion Survey			38.437506 °	38.437296 °
				-121.597707 °	-121.597803 °
DWR ID	DWR_RD0999_01_f_2014_34				
Action/Comments					
Inspector Comments: 2006 - Slump failure of lower slope. Longitudinal cracks present along the levee slope. 2011 - Difficult to see due to overgrown vegetation. A small section of the levee has slumped. Sties DWS 5.0 and DWS 5.01 were combined. 2013: Site is part of the extended inventory, last inspected 2011. [2013 Site ID: DWS_5-0_L]					

No Photos

LM Start	4.84	Rating **	M	Issue No.	65
LM End	4.84	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.437388 °	38.437388 °
				-121.597741 °	-121.597741 °
DWR ID	DWR_RD0999_01_s_2014_65				
Action/Comments					
Repair slope instability. Inspector Comments: Slope depression on waterward near toe of levee. Depression is approx. 18' x 14' x 4' in area.					

Photo 1 of 2 : SP\_2015\_RD0999\_232\_65\_20150309\_00061.jpg



Looking southeast at depression on waterward 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**

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2015

### Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Yolo Bypass	Left	15.41	03/23/2015 03/23/2015	Richard Willoughby

LM Start	4.84	Rating **	M	Issue No.	65 (cont)	
LM End	4.84	Issue Type +	Ma	Location *	WS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Slope Stability			38.437388 °		38.437388 °
				-121.597741 °		-121.597741 °
DWR ID	DWR_RD0999_01_s _ 2014_65					
Action/Comments						
Repair slope instability. Inspector Comments: Slope depression on waterward near toe of levee. Depression is approx. 18' x 14' x 4' in area.						

Photo 2 of 2 : SP\_2015\_RD0999\_232\_65\_20150309\_00062.jpg



Looking southwest at depression on waterward toe.

LM Start	5.18	Rating **	A/W	Issue No.	12
LM End	5.28	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Crown Surface / Depressions / Rutting			38.432700 °	38.431425 °
				-121.599950 °	-121.600528 °
DWR ID	DWR_RD0999_01_s _ 2012_12				
Action/Comments					
Add appropriate gravel or road base. Grade and compact.					

No Photos

LM Start	6.02	Rating **	A/W	Issue No.	41
LM End	6.48	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Crown Surface / Depressions / Rutting			38.421228 °	38.415043 °
				-121.605263 °	-121.608115 °
DWR ID	DWR_RD0999_01_s _ 2012_41				
Action/Comments					
Add appropriate gravel or road base. Grade and compact.					

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**

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2015

### Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Yolo Bypass	Left	15.41	03/23/2015 03/23/2015	Richard Willoughby

LM Start	6.45	Rating **	A/W	Issue No.	52
LM End	6.45	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments				°
					°
DWR ID	DWR_RD0999_01_s _ 2013_52				
Action/Comments					
Tree or limb					
Inspector Comments: Downed tree limbs on landside slope.					

No Photos

LM Start	6.53	Rating **	C	Issue No.	29
LM End	6.55	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.414373 °	38.414002 °
				-121.608378 °	-121.608573 °
DWR ID	DWR_RD0999_01_s _ 2012_29				
Action/Comments					
Thin trees to allow visibility of the ground and room to flood fight.					

No Photos

LM Start	6.53	Rating **	A/W	Issue No.	18
LM End	6.58	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.414367 °	38.413698 °
				-121.608430 °	-121.608762 °
DWR ID	DWR_RD0999_01_s _ 2012_18				
Action/Comments					
Prunings					
Inspector Comments: Large pruning piles on landward shoulder. Part of pruning pile blocking levee crown.					

Photo 1 of 2 : SP\_2015\_RD0999\_232\_18\_20150309\_00016.jpg



Looking south at pruning piles on landward shoulder. (Fall 2014)

<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**

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2015

### Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Yolo Bypass	Left	15.41	03/23/2015 03/23/2015	Richard Willoughby

LM Start	6.53	Rating **	A/W	Issue No.	18 (cont)	
LM End	6.58	Issue Type +	Ma	Location *	LS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Encroachments			38.414367 °	38.413698 °	
				-121.608430 °	-121.608762 °	
DWR ID	DWR_RD0999_01_s _ 2012_18					
Action/Comments						
Prunings						
Inspector Comments: Large pruning piles on landward shoulder. Part of pruning pile blocking levee crown.						

Photo 2 of 2 : SP\_2015\_RD0999\_232\_18\_20150309\_00017.jpg



Looking northwest at large pruning piles on landward shoulder and slope. (Fall 2014)

LM Start	6.56	Rating **	A/W	Issue No.	42
LM End	6.56	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.413858 °	38.413858 °
				-121.608638 °	-121.608638 °
DWR ID	DWR_RD0999_01_s _ 2012_42				
Action/Comments					
Exterminate rodents and backfill and compact or grout burrows. Inspector Comments: More than five holes within 25' of levee.					

Photo 1 of 2 : SP\_2015\_RD0999\_232\_42\_20150309\_00042.jpg



Looking east at rodent holes on landside slope.

LM Start	<b>6.56</b>	Rating **	A/W	Issue No.	<b>42 (cont)</b>
LM End	<b>6.56</b>	Issue Type +	Ma	Location *	LS

Photo 2 of 2 : SP\_2015\_RD0999\_232\_42\_20150309\_00043.jpg



Looking at typical rodent hole on landside slope.

<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**

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2015

### Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Yolo Bypass	Left	15.41	03/23/2015 03/23/2015	Richard Willoughby

LM Start	8.11	Rating **	M	Issue No.	22
LM End	8.88	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Crown Surface / Depressions / Rutting			38.392797 °	38.382338 °
				-121.618363 °	-121.623343 °
DWR ID	DWR_RD0999_01_s _ 2012_22				
Action/Comments					
Add appropriate gravel or road base. Grade and compact.					

Photo 1 of 1 : SP\_2015\_RD0999\_232\_22\_20150327\_00079.jpg



Looking south at levee crown. (Spring 2015)

LM Start	8.15	Rating **	M	Issue No.	25
LM End	8.15	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.392255 °	38.392255 °
				-121.618709 °	-121.618709 °
DWR ID	DWR_RD0999_01_s _ 2012_25				
Action/Comments					
Material Inspector Comments: Concrete rubble on waterside berm.					

Photo 1 of 1 : SP\_2015\_RD0999\_232\_25\_20150309\_00024.jpg



Looking west at concrete rubble on waterside berm.

LM Start	9.30	Rating **	M	Issue No.	919
LM End	9.73	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Crown Surface / Depressions / Rutting			38.376669 °	38.370762 °
				-121.625896 °	-121.628640 °
DWR ID	DWR_RD0999_01_s _ 2012_919				
Action/Comments					
Add appropriate material and re-grade the levee to bring the crown above the design elevation.					

Photo 1 of 2 : SP\_2015\_RD0999\_232\_919\_20150327\_00080.jpg



Looking south at levee crown. Spring 2015

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

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

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

**Flood Control Project Maintenance  
Levee Inspections**

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2015

### Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Yolo Bypass	Left	15.41	03/23/2015 03/23/2015	Richard Willoughby

LM Start	9.30	Rating **	M	Issue No.	919 (cont)
LM End	9.73	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Crown Surface / Depressions / Rutting			38.376669 °	38.370762 °
				-121.625896 °	-121.628640 °
DWR ID	DWR_RD0999_01_s_2012_919				
Action/Comments					
Add appropriate material and re-grade the levee to bring the crown above the design elevation.					

Photo 2 of 2 : SP\_2015\_RD0999\_232\_919\_20150309\_00066.jpg



Looking south at crown roadway. Spring 2014

LM Start	9.94	Rating **	M	Issue No.	920
LM End	10.21	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Crown Surface / Depressions / Rutting			38.367831 °	38.364238 °
				-121.629990 °	-121.631674 °
DWR ID	DWR_RD0999_01_s_2012_920				
Action/Comments					
Add appropriate material and re-grade the levee to bring the crown above the design elevation.					

Photo 1 of 2 : SP\_2015\_RD0999\_232\_920\_20150327\_00081.jpg



Looking south at levee crown. (Spring 2015)

LM Start	<b>9.94</b>	Rating **	M	Issue No.	<b>920 (cont)</b>
LM End	<b>10.21</b>	Issue Type +	Ma	Location *	CR

Photo 2 of 2 : SP\_2015\_RD0999\_232\_920\_20150309\_00067.jpg



Looking south at crown roadway. (Spring 2014)

* 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**

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2015

### Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Yolo Bypass	Left	15.41	03/23/2015 03/23/2015	Richard Willoughby

LM Start	9.95	Rating **	M	Issue No.	2
LM End	9.95	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.367750 °	38.367750 °
				-121.630025 °	-121.630025 °
DWR ID	DWR_RD0999_01_s_2012_2				
Action/Comments					
Exterminate rodents and backfill and compact or grout burrows. Inspector Comments: Several large rodent holes on landward shoulder.					

Photo 1 of 2 : SP\_2015\_RD0999\_232\_2\_20150327\_00082.jpg



Looking at typical rodent holes on landward shoulder. (Spring 2015)

LM Start	<b>9.95</b>	Rating **	M	Issue No.	<b>2 (cont)</b>
LM End	<b>9.95</b>	Issue Type +	Ma	Location *	LS

Photo 2 of 2 : SP\_2015\_RD0999\_232\_2\_20150309\_00005.jpg



Looking south at rodent hole on landside shoulder. (Fall 2014)

LM Start	10.75	Rating **	M	Issue No.	61
LM End	10.75	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.356844 °	38.356844 °
				-121.635101 °	-121.635101 °
DWR ID	DWR_RD0999_01_f_2014_61				
Action/Comments					
Tree or limb					
Inspector Comments: Downed tree on waterward slope.					

Photo 1 of 1 : SP\_2015\_RD0999\_232\_61\_20150309\_00058.jpg



Looking southwest at downed tree on waterward slope.

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

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

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

**Flood Control Project Maintenance  
Levee Inspections**

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2015

### Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Yolo Bypass	Left	15.41	03/23/2015 03/23/2015	Richard Willoughby

LM Start	10.81	Rating **	A/W	Issue No.	23
LM End	11.06	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.356077 °	38.352640 °
				-121.635598 °	-121.637078 °
DWR ID	DWR_RD0999_01_s _ 2012_23				
Action/Comments					
Trim trees to at least five feet above ground level.					

Photo 1 of 2 : SP\_2015\_RD0999\_232\_23\_20150309\_00022.jpg



Looking south at trimmed pine trees on waterside shoulder and slope.  
(Spring 2012)

LM Start	<b>10.81</b>	Rating **	A/W	Issue No.	<b>23 (cont)</b>
LM End	<b>11.06</b>	Issue Type +	Ma	Location *	WS

Photo 2 of 2 : SP\_2015\_RD0999\_232\_23\_20150309\_00023.jpg



Pine trees along waterside shoulder & slope. (Site of a old christmas tree farm). (Spring 2011)

LM Start	11.30	Rating **	A/W	Issue No.	43
LM End	11.66	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Crown Surface / Depressions / Rutting			38.349380 °	38.344455 °
				-121.638540 °	-121.640845 °
DWR ID	DWR_RD0999_01_s _ 2012_43				
Action/Comments					
Add appropriate gravel or road base. Grade and compact.					

No Photos

* 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**

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2015

### Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Yolo Bypass	Left	15.41	03/23/2015 03/23/2015	Richard Willoughby

LM Start	11.84	Rating **	M	Issue No.	48
LM End	11.84	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.342068 °	38.342068 °
				-121.641944 °	-121.641944 °
DWR ID	DWR_RD0999_01_f_2012_48				
Action/Comments					
Repair the levee slope damaged by vehicle traffic and prevent access where possible.					
Inspector Comments: Slope damage caused by vehicle traffic.					

Photo 1 of 2 : SP\_2015\_RD0999\_232\_48\_20150309\_00050.jpg



Looking southwest at slope damage caused by vehicle traffic. 2013

Photo 2 of 2 : SP\_2015\_RD0999\_232\_48\_20150309\_00051.jpg



Looking southwest at slope damage caused by vehicle traffic on waterside slope.

LM Start	<b>11.84</b>	Rating **	M	Issue No.	<b>48 (cont)</b>
LM End	<b>11.84</b>	Issue Type +	Ma	Location *	WS

LM Start	12.16	Rating **	A/W	Issue No.	19
LM End	12.61	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Crown Surface / Depressions / Rutting			38.337567 °	38.331138 °
				-121.643538 °	-121.644781 °
DWR ID	DWR_RD0999_01_f_2014_19				
Action/Comments					
Repair depressions or ruts in the crown or slope.					

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**

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2015

### Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Yolo Bypass	Left	15.41	03/23/2015 03/23/2015	Richard Willoughby

LM Start	12.53	Rating **	A/W	Issue No.	21
LM End	12.60	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Crown Surface / Depressions / Rutting			38.332288 °	38.331247 °
				-121.644640 °	-121.644765 °
DWR ID	DWR_RD0999_01_s_2012_21				
Action/Comments					
Repair depressions or ruts in the crown or slope.					

Photo 1 of 4 : SP\_2015\_RD0999\_232\_21\_20150309\_00018.jpg



Looking south at graded levee crown.(Fall 2014)

LM Start	12.53	Rating **	A/W	Issue No.	21 (cont)
LM End	12.60	Issue Type +	Ma	Location *	CR

Photo 2 of 4 : SP\_2015\_RD0999\_232\_21\_20150309\_00019.jpg



Looking south at rutting on levee crown.

LM Start	12.53	Rating **	A/W	Issue No.	21 (cont)
LM End	12.60	Issue Type +	Ma	Location *	CR

Photo 3 of 4 : SP\_2015\_RD0999\_232\_21\_20150309\_00020.jpg



Looking south at rutting on levee crown.

<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**

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2015

### Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Yolo Bypass	Left	15.41	03/23/2015 03/23/2015	Richard Willoughby

LM Start	12.53	Rating **	A/W	Issue No.	21 (cont)
LM End	12.60	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Crown Surface / Depressions / Rutting			38.332288 °	38.331247 °
				-121.644640 °	-121.644765 °
DWR ID	DWR_RD0999_01_s_2012_21				
Action/Comments					
Repair depressions or ruts in the crown or slope.					

Photo 4 of 4 : SP\_2015\_RD0999\_232\_21\_20150309\_00021.jpg



Looking south at rutting on levee crown. Spring 2013

LM Start	12.93	Rating **	A/W	Issue No.	24
LM End	13.55	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Crown Surface / Depressions / Rutting			38.326433 °	38.317400 °
				-121.644960 °	-121.644920 °
DWR ID	DWR_RD0999_01_s_2012_24				
Action/Comments					
Add appropriate material and re-grade the levee to bring the crown above the design elevation.					

No Photos

LM Start	13.36	Rating **	C	Issue No.	37
LM End	13.36	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.320285 °	38.320285 °
				-121.644957 °	-121.644957 °
DWR ID	DWR_RD0999_01_s_2012_37				
Action/Comments					
Trim trees to at least five feet above ground level.					

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**

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2015

### Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Yolo Bypass	Left	15.41	03/23/2015 03/23/2015	Richard Willoughby

LM Start	13.46	Rating **	M	Issue No.	59
LM End	13.46	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.318717 °	38.318717 °
				-121.644955 °	-121.644955 °
DWR ID	DWR_RD0999_01_s _ 2015_59				
Action/Comments					
Prunings					
Inspector Comments: Pruning pile on landward berm.					

Photo 1 of 1 : SP\_2015\_RD0999\_232\_59\_20150327\_00083.jpg



Looking east at pruning pile on landward berm.

LM Start	13.47	Rating **	C	Issue No.	38
LM End	13.47	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.318648 °	38.318648 °
				-121.644952 °	-121.644952 °
DWR ID	DWR_RD0999_01_s _ 2012_38				
Action/Comments					
Trim trees to at least five feet above ground level.					

No Photos

LM Start	13.49	Rating **	M	Issue No.	60
LM End	13.49	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.318388 °	38.318388 °
				-121.644958 °	-121.644958 °
DWR ID	DWR_RD0999_01_s _ 2015_60				
Action/Comments					
Prunings					
Inspector Comments: Pruning pile on waterward toe and berm.					

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**

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2015

### Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Yolo Bypass	Left	15.41	03/23/2015 03/23/2015	Richard Willoughby

LM Start	14.04	Rating **	M	Issue No.	49
LM End	14.04	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.310347 °	38.310347 °
				-121.644955 °	-121.644955 °
DWR ID	DWR_RD0999_01_f_2012_49				
Action/Comments					
Note and monitor erosion site.					
Inspector Comments: Caving, 4' x 10', on landside slope.					

Photo 1 of 3 : SP\_2015\_RD0999\_232\_49\_20150327\_00085.jpg



Looking east at caving on landward shoulder and slope. (Spring 2015)

Photo 2 of 3 : SP\_2015\_RD0999\_232\_49\_20150309\_00052.jpg



Looking southeast at caving on landside slope.

Photo 3 of 3 : SP\_2015\_RD0999\_232\_49\_20150309\_00053.jpg



Looking east caving on landside slope.

LM Start	<b>14.04</b>	Rating **	M	Issue No.	<b>49 (cont)</b>
LM End	<b>14.04</b>	Issue Type +	Ma	Location *	LS

LM Start	<b>14.04</b>	Rating **	M	Issue No.	<b>49 (cont)</b>
LM End	<b>14.04</b>	Issue Type +	Ma	Location *	LS

<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**

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2015

### Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Yolo Bypass	Left	15.41	03/23/2015 03/23/2015	Richard Willoughby

LM Start	14.33	Rating **	A/W	Issue No.	44
LM End	15.17	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Crown Surface / Depressions / Rutting			38.306113 °	38.293917 °
				-121.644942 °	-121.644958 °
DWR ID	DWR_RD0999_01_s_2012_44				
Action/Comments					
Add appropriate material and re-grade the levee to bring the crown above the design elevation.					
Inspector Comments: Control growth on levee crown.					

Photo 1 of 1 : SP\_2015\_RD0999\_232\_44\_20150309\_00044.jpg



Looking south at growth on levee crown.

LM Start	15.06	Rating **	C	Issue No.	32
LM End	15.06	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.295524 °	38.295524 °
				-121.644951 °	-121.644951 °
DWR ID	DWR_RD0999_01_s_2012_32				
Action/Comments					
Trim trees to at least five feet above ground level.					

No Photos

LM Start	15.27	Rating **	M	Issue No.	33
LM End	15.27	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.292544 °	38.292544 °
				-121.644960 °	-121.644960 °
DWR ID	DWR_RD0999_01_s_2012_33				
Action/Comments					
Trim trees to at least five feet above ground level.					

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**

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2015

### Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Yolo Bypass	Left	15.41	03/23/2015 03/23/2015	Richard Willoughby

LM Start	15.30	Rating **	M	Issue No.	62
LM End	15.30	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.292030 °	38.292030 °
				-121.644971 °	-121.644971 °
DWR ID	DWR_RD0999_01_f_2014_62				
Action/Comments					
Thin trees to allow visibility of the ground and room to flood fight.					

No Photos

LM Start	15.33	Rating **	M	Issue No.	50
LM End	15.33	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.291663 °	38.291663 °
				-121.644962 °	-121.644962 °
DWR ID	DWR_RD0999_01_f_2012_50				
Action/Comments					
Tree or limb					
Inspector Comments: Newly planted palm trees on landside shoulder.					

Photo 1 of 3 : SP\_2015\_RD0999\_232\_50\_20150327\_00087.jpg



Looking northeast at a mature palm trees on landward shoulder and slope. (Spring 2015)

LM Start	15.33	Rating **	M	Issue No.	50 (cont)
LM End	15.33	Issue Type +	Ma	Location *	LS

Photo 2 of 3 : SP\_2015\_RD0999\_232\_50\_20150309\_00054.jpg



Looking east at a maturing palm trees on landward shoulder and slope. (Fall 2014)

<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**

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2015

### Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Yolo Bypass	Left	15.41	03/23/2015 03/23/2015	Richard Willoughby

LM Start	15.33	Rating **	M	Issue No.	50 (cont)
LM End	15.33	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.291663 °	38.291663 °
				-121.644962 °	-121.644962 °
DWR ID	DWR_RD0999_01_f_2012_50				
Action/Comments					
Tree or limb					
Inspector Comments: Newly planted palm trees on landside shoulder.					

Photo 3 of 3 : SP\_2015\_RD0999\_232\_50\_20150309\_00055.jpg



Looking east at newly planted palm trees on landside shoulder and slope.

<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**

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2015

### Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Miner Slough	Right	2.31	03/24/2015 03/24/2015	Richard Willoughby

LM Start	0.16	Rating **	A/W	Issue No.	18
LM End	0.16	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.290793 °	38.290793 °
				-121.642100 °	-121.642100 °
DWR ID	DWR_RD0999_02_s_2012_18				
Action/Comments					
Prunings					

Photo 1 of 2 : SP\_2015\_RD0999\_233\_18\_20150309\_00018.jpg



Looking west at prunings on landside toe. (Fall Inspection 2012)

Photo 2 of 2 : SP\_2015\_RD0999\_233\_18\_20150309\_00019.jpg



Looking west at prunings on landside berm.

LM Start	<b>0.16</b>	Rating **	A/W	Issue No.	<b>18 (cont)</b>
LM End	<b>0.16</b>	Issue Type +	Ma	Location *	LS

LM Start	0.18	Rating **	A/W	Issue No.	25
LM End	0.18	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation				°
					°
DWR ID	DWR_RD0999_02_f_2013_25				
Action/Comments					
Remove the wild growth other than native grasses from the levee slopes.					

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**

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2015

### Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Miner Slough	Right	2.31	03/24/2015 03/24/2015	Richard Willoughby

LM Start	0.18	Rating **	A/W	Issue No.	35
LM End	0.18	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.290866 °	38.290866 °
				-121.641653 °	-121.641653 °
DWR ID	DWR_RD0999_02_f_2014_35				
Action/Comments					
Tree or limb					
Inspector Comments: Discarded tree limbs on landward shoulder and slope.					

No Photos

LM Start	0.23	Rating **	A/W	Issue No.	12
LM End	0.23	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.290787 °	38.290787 °
				-121.640725 °	-121.640725 °
DWR ID	DWR_RD0999_02_s_2012_12				
Action/Comments					
Thin trees to allow visibility of the ground and room to flood fight.					

No Photos

LM Start	0.73	Rating **	M	Issue No.	36
LM End	0.73	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.292783 °	38.292783 °
				-121.632346 °	-121.632346 °
DWR ID	DWR_RD0999_02_f_2014_36				
Action/Comments					
Thin trees to allow visibility of the ground and room to flood fight.					

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**

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2015

### Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Miner Slough	Right	2.31	03/24/2015 03/24/2015	Richard Willoughby

LM Start	0.73	Rating **	M	Issue No.	37
LM End	0.73	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.292783 °	38.292783 °
				-121.632317 °	-121.632317 °
DWR ID	DWR_RD0999_02_s _ 2014_37				
Action/Comments					
Trim trees to at least five feet above ground level.					

No Photos

LM Start	0.76	Rating **	M	Issue No.	26
LM End	0.76	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.292668 °	38.292668 °
				-121.631755 °	-121.631755 °
DWR ID	DWR_RD0999_02_f _ 2013_26				
Action/Comments					
Trim trees to at least five feet above ground level.					

No Photos

LM Start	0.77	Rating **	M	Issue No.	27		
LM End	0.80	Issue Type +	Ma	Location *	WS		
Category	Earthen Levee			GPS Latitude/Longitude			
				Start		End	
Item	Trim / Thin Trees				°		°
					°		°
DWR ID	DWR_RD0999_02_s _ 2013_27						
Action/Comments							
Thin trees to allow visibility of the ground and room to flood fight.							

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**

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2015

### Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Miner Slough	Right	2.31	03/24/2015 03/24/2015	Richard Willoughby

LM Start	0.82	Rating **	M	Issue No.	14
LM End	0.82	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.292439 °	38.292439 °
				-121.630781 °	-121.630781 °
DWR ID	DWR_RD0999_02_f_2012_14				
Action/Comments					
Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comments: Century plant on landside slope.					

Photo 1 of 1 : SP\_2015\_RD0999\_233\_14\_20150309\_00013.jpg



Looking east at century plant at landside toe.

LM Start	0.83	Rating **	M	Issue No.	19
LM End	0.83	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.292386 °	38.292386 °
				-121.630543 °	-121.630543 °
DWR ID	DWR_RD0999_02_f_2012_19				
Action/Comments					
Thin trees to allow visibility of the ground and room to flood fight.					

Photo 1 of 1 : SP\_2015\_RD0999\_233\_19\_20150309\_00020.jpg



Looking southeast at dense trees on landside slope and toe.

LM Start	0.93	Rating **	A/W	Issue No.	2
LM End	1.03	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.291823 °	38.291250 °
				-121.628973 °	-121.627285 °
DWR ID	DWR_RD0999_02_s_2012_2				
Action/Comments					
Exterminate rodents and backfill and compact or grout burrows.					

Photo 1 of 1 : SP\_2015\_RD0999\_233\_2\_20150309\_00003.jpg



Looking at several rodent holes on landside slope.

<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**

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2015

### Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Miner Slough	Right	2.31	03/24/2015 03/24/2015	Richard Willoughby

LM Start	0.96	Rating **	M	Issue No.	39
LM End	1.01	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.291603 °	38.291292 °
				-121.628485 °	-121.627577 °
DWR ID	DWR_RD0999_02_f_2014_39				
Action/Comments					
Trim trees to at least five feet above ground level.					

No Photos

LM Start	1.04	Rating **	A/W	Issue No.	20
LM End	1.53	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Crown Surface / Depressions / Rutting			38.291206 °	38.290915 °
				-121.627030 °	-121.618227 °
DWR ID	DWR_RD0999_02_f_2012_20				
Action/Comments					
Add appropriate material and re-grade the levee to bring the crown above the design elevation.					

No Photos

LM Start	1.15	Rating **	M	Issue No.	40
LM End	1.15	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.291069 °	38.291069 °
				-121.625138 °	-121.625138 °
DWR ID	DWR_RD0999_02_f_2014_40				
Action/Comments					
Trim trees to at least five feet above ground level.					

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**

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2015

### Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Miner Slough	Right	2.31	03/24/2015 03/24/2015	Richard Willoughby

LM Start	1.19	Rating **	A/W	Issue No.	41
LM End	1.19	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.291185 °	38.291185 °
				-121.624344 °	-121.624344 °
DWR ID	DWR_RD0999_02_f_2014_41				
Action/Comments					
Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comments: Dense wild roses on landward slope.					

Photo 1 of 1 : SP\_2015\_RD0999\_233\_41\_20150309\_00031.jpg



Looking north at moderate vegetation on landward slope and toe.

LM Start	1.70	Rating **	U	Issue No.	11
LM End	1.70	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.290171 °	38.290171 °
				-121.615260 °	-121.615260 °
DWR ID	DWR_RD0999_02_s_2012_11				
Action/Comments					
Trim trees to at least five feet above ground level.					

Photo 1 of 1 : SP\_2015\_RD0999\_233\_11\_20150309\_00011.jpg



Looking southwest at dense trees on landward slope.

LM Start	1.73	Rating **	M	Issue No.	8
LM End	1.76	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.289895 °	38.289595 °
				-121.614688 °	-121.614337 °
DWR ID	DWR_RD0999_02_s_2012_8				
Action/Comments					
Remove the wild growth other than native grasses from the levee slopes.					

Photo 1 of 2 : SP\_2015\_RD0999\_233\_8\_20150327\_00040.jpg

Looking south at dense vegetation on landward shoulder and slope.  
(Spring 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**

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2015

### Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Miner Slough	Right	2.31	03/24/2015 03/24/2015	Richard Willoughby

LM Start	1.73	Rating **	M	Issue No.	8 (cont)	
LM End	1.76	Issue Type +	Ma	Location *	LS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Vegetation			38.289895 °		38.289595 °
				-121.614688 °		-121.614337 °
DWR ID	DWR_RD0999_02_s_2012_8					
Action/Comments						
Remove the wild growth other than native grasses from the levee slopes.						

Photo 2 of 2 : SP\_2015\_RD0999\_233\_8\_20150309\_00009.jpg



Looking southwest at elderberry bush on landside shoulder and slope.  
(Fall 2014)

LM Start	1.74	Rating **	U	Issue No.	23
LM End	1.74	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.289755 °	38.289755 °
				-121.614653 °	-121.614653 °
DWR ID	DWR_RD0999_02_s_2012_23				
Action/Comments					
Trim and thin trees to allow visibility of the ground and room to flood fight.					

Photo 1 of 3 : SP\_2015\_RD0999\_233\_23\_20150327\_00041.jpg



Looking north at dense vegetation on landward slope. (Spring 2015)

LM Start	<b>1.74</b>	Rating **	U	Issue No.	<b>23 (cont)</b>
LM End	<b>1.74</b>	Issue Type +	Ma	Location *	LS

Photo 2 of 3 : SP\_2015\_RD0999\_233\_23\_20150309\_00024.jpg



Looking southwest at dense trees on landward slope and 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**

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2015

### Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Miner Slough	Right	2.31	03/24/2015 03/24/2015	Richard Willoughby

LM Start	1.74	Rating **	U	Issue No.	23 (cont)
LM End	1.74	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.289755 °	38.289755 °
				-121.614653 °	-121.614653 °
DWR ID	DWR_RD0999_02_s_2012_23				
Action/Comments					
Trim and thin trees to allow visibility of the ground and room to flood fight.					

Photo 3 of 3 : SP\_2015\_RD0999\_233\_23\_20150309\_00025.jpg



Looking north at dense trees on landward slope and toe.

LM Start	1.74	Rating **	A/W	Issue No.	21
LM End	1.74	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.289747 °	38.289747 °
				-121.614587 °	-121.614587 °
DWR ID	DWR_RD0999_02_s_2012_21				
Action/Comments					
Prunings					

Photo 1 of 1 : SP\_2015\_RD0999\_233\_21\_20150309\_00021.jpg



Looking northeast at prunings on waterside slope.

LM Start	1.78	Rating **	M	Issue No.	42
LM End	1.78	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.289399 °	38.289399 °
				-121.614130 °	-121.614130 °
DWR ID	DWR_RD0999_02_f_2014_42				
Action/Comments					
Elderberries are blocking visibility and flood fight capability. Inspector Comments: Elderberry and wildroses blocking landward toe.					

Photo 1 of 2 : SP\_2015\_RD0999\_233\_42\_20150327\_00042.jpg



Looking west at wild rose blocking landward toe. (Spring 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**

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2015

### Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Miner Slough	Right	2.31	03/24/2015 03/24/2015	Richard Willoughby

LM Start	1.78	Rating **	M	Issue No.	42 (cont)
LM End	1.78	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.289399 °	38.289399 °
				-121.614130 °	-121.614130 °
DWR ID	DWR_RD0999_02_f_2014_42				
Action/Comments					
Elderberries are blocking visibility and flood fight capability. Inspector Comments: Elderberry and wildroses blocking landward toe.					

Photo 2 of 2 : SP\_2015\_RD0999\_233\_42\_20150309\_00032.jpg



Looking west at elderberry and wild roses blocking view of landward toe.

LM Start	1.78	Rating **	M	Issue No.	38
LM End	1.82	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.289360 °	38.289006 °
				-121.614086 °	-121.613639 °
DWR ID	DWR_RD0999_02_s_2014_38				
Action/Comments					
Elderberries are blocking visibility and flood fight capability.					

Photo 1 of 2 : SP\_2015\_RD0999\_233\_38\_20150309\_00029.jpg



Looking west at dense vegetation on waterside slope.

LM Start	<b>1.78</b>	Rating **	M	Issue No.	<b>38 (cont)</b>
LM End	<b>1.82</b>	Issue Type +	Ma	Location *	WS

Photo 2 of 2 : SP\_2015\_RD0999\_233\_38\_20150309\_00030.jpg



Looking east at dense vegetation on waterside slope.

* 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**

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2015

### Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Miner Slough	Right	2.31	03/24/2015 03/24/2015	Richard Willoughby

LM Start	1.80	Rating **	A/W	Issue No.	6
LM End	1.90	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.289117 °	38.288718 °
				-121.613777 °	-121.612227 °
DWR ID	DWR_RD0999_02_s _ 2012_6				
Action/Comments					
Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comments: Wild roses and berry vines at landside toe.					

LM Start	<b>1.80</b>	Rating **	A/W	Issue No.	<b>6 (cont)</b>
LM End	<b>1.90</b>	Issue Type +	Ma	Location *	LS

LM Start	<b>1.80</b>	Rating **	A/W	Issue No.	<b>6 (cont)</b>
LM End	<b>1.90</b>	Issue Type +	Ma	Location *	LS

Photo 1 of 3 : SP\_2015\_RD0999\_233\_6\_20150309\_00006.jpg



Looking east at dense wild roses on landside toe. (Spring 2011)

Photo 2 of 3 : SP\_2015\_RD0999\_233\_6\_20150309\_00007.jpg



Looking southeast to wild roses on landside slope and toe. (Spring 2012)

Photo 3 of 3 : SP\_2015\_RD0999\_233\_6\_20150309\_00008.jpg



Looking north at wild roses on landside toe. (Spring 2011)

<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**

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2015

### Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Miner Slough	Right	2.31	03/24/2015 03/24/2015	Richard Willoughby

LM Start	1.93	Rating **	M	Issue No.	16
LM End	1.93	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.288713 °	38.288713 °
				-121.611620 °	-121.611620 °
DWR ID	DWR_RD0999_02_s _ 2012_16				
Action/Comments					
Elderberries are blocking visibility and flood fight capability.					

No Photos

LM Start	1.96	Rating **	A/W	Issue No.	7
LM End	2.01	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Crown Surface / Depressions / Rutting			38.288700 °	38.288798 °
				-121.611105 °	-121.610050 °
DWR ID	DWR_RD0999_02_s _ 2012_7				
Action/Comments					
Repair depressions or ruts in the crown or slope.					

No Photos

LM Start	2.06	Rating **	M	Issue No.	29		
LM End	2.06	Issue Type +	Ma	Location *	LS		
Category	Earthen Levee			GPS Latitude/Longitude			
				Start		End	
Item	Trim / Thin Trees				°		°
					°		°
DWR ID	DWR_RD0999_02_f _ 2013_29						
Action/Comments							
Trim trees to at least five feet above ground level.							

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**

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2015

### Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Sutter Slough	Right	3.74	03/24/2015 03/24/2015	Richard Willoughby

LM Start	0.04	Rating **	U	Issue No.	4
LM End	0.04	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.287025 °	38.287025 °
				-121.605690 °	-121.605690 °
DWR ID	DWR_RD0999_03_s_2012_4				
Action/Comments					
Trim trees to at least five feet above ground level.					
Inspector Comments: Dense fig trees on landward slope and toe.					

Photo 1 of 4 : SP\_2015\_RD0999\_234\_4\_20150309\_00006.jpg



Looking northwest at dense fig tree on landward toe. 2014

Photo 2 of 4 : SP\_2015\_RD0999\_234\_4\_20150309\_00007.jpg



Looking northwest at dense fig tree on landward slope and toe. 2013

Photo 3 of 4 : SP\_2015\_RD0999\_234\_4\_20150309\_00008.jpg



Looking southwest at trimmed trees on landside toe. (Spring 2012)

LM Start	<b>0.04</b>	Rating **	U	Issue No.	<b>4 (cont)</b>
LM End	<b>0.04</b>	Issue Type +	Ma	Location *	LS

LM Start	<b>0.04</b>	Rating **	U	Issue No.	<b>4 (cont)</b>
LM End	<b>0.04</b>	Issue Type +	Ma	Location *	LS

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

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2015

### Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Sutter Slough	Right	3.74	03/24/2015 03/24/2015	Richard Willoughby

LM Start	0.04	Rating **	U	Issue No.	4 (cont)	
LM End	0.04	Issue Type +	Ma	Location *	LS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Trim / Thin Trees			38.287025 °	38.287025 °	
				-121.605690 °	-121.605690 °	
DWR ID	DWR_RD0999_03_s_2012_4					
Action/Comments						
Trim trees to at least five feet above ground level.						
Inspector Comments: Dense fig trees on landward slope and toe.						

Photo 4 of 4 : SP\_2015\_RD0999\_234\_4\_20150309\_00009.jpg



Looking west at dense fig trees at landside toe.

LM Start	0.04	Rating **	A/W	Issue No.	36
LM End	0.04	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.287025 °	38.287025 °
				-121.605690 °	-121.605690 °
DWR ID	DWR_RD0999_03_f_2013_36				
Action/Comments					
Prunings					
Inspector Comments: Prunings on waterward slope outside the twenty feet zone should be burned or removed from levee slope.					

Photo 1 of 1 : SP\_2015\_RD0999\_234\_36\_20150309\_00028.jpg



Looking east at prunings on waterward slope.

LM Start	0.08	Rating **	C	Issue No.	1
LM End	0.08	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.287540 °	38.287540 °
				-121.605283 °	-121.605283 °
DWR ID	DWR_RD0999_03_s_2012_1				
Action/Comments					
Remove the wild growth other than native grasses from the levee slopes.					

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**

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2015

### Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Sutter Slough	Right	3.74	03/24/2015 03/24/2015	Richard Willoughby

LM Start	0.11	Rating **	M	Issue No.	9
LM End	1.51	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Crown Surface / Depressions / Rutting			38.287873 °	38.306151 °
				-121.605108 °	-121.599374 °
DWR ID	DWR_RD0999_03_f_2012_9				
Action/Comments					
Repair depressions or ruts in the crown or slope.					

Photo 1 of 1 : SP\_2015\_RD0999\_234\_9\_20150327\_00039.jpg



Looking south at levee crown. (Spring 2015)

LM Start	0.24	Rating **	U	Issue No.	29
LM End	0.65	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	USACE Erosion Survey			38.289634 °	38.295505 °
				-121.604343 °	-121.605648 °
DWR ID	DWR_RD0999_03_f_2014_29				
Action/Comments					
Inspector Comments: 1997 - Intermittent over-steepened sections. Large riparian vegetation along the length of the entire reach. Attempts to repair with rock on bank have failed. 1999 - New rock repair at the downstream end. 2002 - Some minor spot repairs. 2009 - Minimal new erosion. 2010 - Appears that fresh rock placed on downstream portion of site. Toe scour and overhanging trees with some overturned. 2012 - Minor new erosion at the toe. 2013: Site upgraded to CRITICAL. Severe slumping into levee at downstream end of site. Fresh erosion into bank toe. [2013 Site ID: STR_24-7_R]					

Photo 1 of 1 : SP\_2015\_RD0999\_234\_29\_20150309\_00022.jpg



USACE 2013 Photo #1

LM Start	0.45	Rating **	M	Issue No.	7
LM End	0.45	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.292748 °	38.292748 °
				-121.604972 °	-121.604972 °
DWR ID	DWR_RD0999_03_s_2012_7				
Action/Comments					
Elderberries are blocking visibility and flood fight capability.					

Photo 1 of 1 : SP\_2015\_RD0999\_234\_7\_20150309\_00010.jpg



Looking south at thinned Elderberry on waterside slope.

<b>* Location</b>		<b>** Rating</b>		<b>+ Issue Type</b>	
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**

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2015

### Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Sutter Slough	Right	3.74	03/24/2015 03/24/2015	Richard Willoughby

LM Start	0.66	Rating **	M	Issue No.	8
LM End	0.66	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.295618 °	38.295618 °
				-121.605923 °	-121.605923 °
DWR ID	DWR_RD0999_03_s _ 2012_8				
Action/Comments					
Elderberries are blocking visibility and flood fight capability.					

Photo 1 of 1 : SP\_2015\_RD0999\_234\_8\_20150309\_00011.jpg



Elderberries blocking view of landside toe.

LM Start	0.68	Rating **	A/W	Issue No.	3
LM End	0.68	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.296022 °	38.296022 °
				-121.605889 °	-121.605889 °
DWR ID	DWR_RD0999_03_s _ 2012_3				
Action/Comments					
Trim trees to at least five feet above ground level.					

No Photos

LM Start	0.69	Rating **	A/W	Issue No.	15
LM End	0.70	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.296073 °	38.296203 °
				-121.605872 °	-121.605837 °
DWR ID	DWR_RD0999_03_s _ 2012_15				
Action/Comments					
Elderberries are blocking visibility and flood fight capability.					

Photo 1 of 1 : SP\_2015\_RD0999\_234\_15\_20150309\_00015.jpg



Looking northeast at dense elderberry on waterward slope.

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

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

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

**Flood Control Project Maintenance  
Levee Inspections**

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2015

### Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Sutter Slough	Right	3.74	03/24/2015 03/24/2015	Richard Willoughby

LM Start	0.73	Rating **	A/W	Issue No.	17
LM End	0.73	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.296632 °	38.296632 °
				-121.605692 °	-121.605692 °
DWR ID	DWR_RD0999_03_s _ 2012_17				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					

No Photos

LM Start	0.75	Rating **	A/W	Issue No.	2
LM End	0.75	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.296942 °	38.296942 °
				-121.605528 °	-121.605528 °
DWR ID	DWR_RD0999_03_s _ 2012_2				
Action/Comments					
Prunings					

Photo 1 of 2 : SP\_2015\_RD0999\_234\_2\_20150309\_00004.jpg



Looking west at burned prunings on landward berm.

Photo 2 of 2 : SP\_2015\_RD0999\_234\_2\_20150309\_00005.jpg



Looking west at prunings on landward berm.

<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**

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2015

### Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Sutter Slough	Right	3.74	03/24/2015 03/24/2015	Richard Willoughby

LM Start	0.93	Rating **	M	Issue No.	43
LM End	0.95	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.299130 °	38.299362 °
				-121.603768 °	-121.603462 °
DWR ID	DWR_RD0999_03_f_2014_43				
Action/Comments					
Trim trees to at least five feet above ground level.					

No Photos

LM Start	0.94	Rating **	A/W	Issue No.	6
LM End	0.94	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.299197 °	38.299197 °
				-121.603685 °	-121.603685 °
DWR ID	DWR_RD0999_03_s_2012_6				
Action/Comments					
Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comments: Wild roses on landside slope.					

No Photos

LM Start	0.97	Rating **	M	Issue No.	30
LM End	1.10	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	USACE Erosion Survey			38.299402 °	38.300542 °
				-121.603056 °	-121.601118 °
DWR ID	DWR_RD0999_03_f_2014_30				
Action/Comments					
Inspector Comments: 2008 - Over steepened levee section. 2009 - Significant new erosion. 2010 - Minor new erosion. 2013: No observed changes. [2013 Site ID: STR_25-2_R]					

Photo 1 of 1 : SP\_2015\_RD0999\_234\_30\_20150309\_00023.jpg



USACE 2013 Photo #1

<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**

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2015

### Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Sutter Slough	Right	3.74	03/24/2015 03/24/2015	Richard Willoughby

LM Start	1.43	Rating **	M	Issue No.	33
LM End	1.57	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	USACE Erosion Survey			38.305229 °	38.306667 °
				-121.599933 °	-121.598266 °
DWR ID	DWR_RD0999_03_f_2014_33				
Action/Comments					
Inspector Comments: 2011 - Toe scour along length of site and erosion pockets. 2012 - Site extended slightly upstream due to new erosion pocket. 2013: Tall vertical sections at upstream end of site. [2013 Site ID: STR_25-7_R]					

Photo 1 of 1 : SP\_2015\_RD0999\_234\_33\_20150309\_00025.jpg



USACE 2013 Photo #1

LM Start	1.50	Rating **	M	Issue No.	11
LM End	1.50	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.306062 °	38.306062 °
				-121.599495 °	-121.599495 °
DWR ID	DWR_RD0999_03_s_2012_11				
Action/Comments					
Trim trees to at least five feet above ground level.					

No Photos

LM Start	1.53	Rating **	M	Issue No.	12
LM End	1.53	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.306332 °	38.306332 °
				-121.599109 °	-121.599109 °
DWR ID	DWR_RD0999_03_s_2012_12				
Action/Comments					
Trim trees to at least five feet above ground level.					

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**

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2015

### Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Sutter Slough	Right	3.74	03/24/2015 03/24/2015	Richard Willoughby

LM Start	1.57	Rating **	M	Issue No.	13
LM End	1.59	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.306762 °	38.306948 °
				-121.598541 °	-121.598320 °
DWR ID	DWR_RD0999_03_s_2012_13				
Action/Comments					
Trim and thin trees to allow visibility of the ground and room to flood fight.					

Photo 1 of 1 : SP\_2015\_RD0999\_234\_13\_20150327\_00040.jpg



Looking north at untrimmed trees on landward toe. (Spring 2015)

LM Start	1.68	Rating **	M	Issue No.	14
LM End	1.68	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.308129 °	38.308129 °
				-121.598610 °	-121.598610 °
DWR ID	DWR_RD0999_03_s_2012_14				
Action/Comments					
Trim trees to at least five feet above ground level.					

No Photos

LM Start	1.96	Rating **	M	Issue No.	20
LM End	1.96	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.311447 °	38.311447 °
				-121.597358 °	-121.597358 °
DWR ID	DWR_RD0999_03_s_2012_20				
Action/Comments					
Trim trees to at least five feet above ground level.					

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**

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2015

### Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Sutter Slough	Right	3.74	03/24/2015 03/24/2015	Richard Willoughby

LM Start	2.02	Rating **	A/W	Issue No.	46
LM End	2.02	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.311898 °	38.311898 °
				-121.596379 °	-121.596379 °
DWR ID	DWR_RD0999_03_s_2014_46				
Action/Comments					
Trim trees to at least five feet above ground level.					

No Photos

LM Start	2.20	Rating **	M	Issue No.	40
LM End	2.22	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.313566 °	38.313777 °
				-121.593910 °	-121.593608 °
DWR ID	DWR_RD0999_03_s_2015_40				
Action/Comments					
Trim trees to at least five feet above ground level.					

No Photos

LM Start	2.25	Rating **	M	Issue No.	34
LM End	2.36	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	USACE Erosion Survey			38.315407 °	38.313836 °
				-121.591433 °	-121.592259 °
DWR ID	DWR_RD0999_03_f _ 2014_34				
Action/Comments					
Inspector Comments: 2002 - Original rock over geotextile is sliding off and the end is coming unraveled. 2003 - Some minor new erosion on the downstream end. 2004 - Site has gotten worse. Underlined geofabric is exposed. 2005 - Still looks bad with exposed geotextile fabric. 2006 - Still have some new unraveling and exposed fabric. Site lengthened upstream. 2009 - Minimal new erosion. 2010 - geotextile fabric placed since last year, possible flood fight. 2012 - Exposed geotech style fabric, assume rock on top slid off. 2013: No observed changes. [2013 Site ID: STR 26-5 L]					

Photo 1 of 1 : SP\_2015\_RD0999\_234\_34\_20150309\_00026.jpg



USACE 2013 Photo #1

<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**

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2015

### Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Sutter Slough	Right	3.74	03/24/2015 03/24/2015	Richard Willoughby

LM Start	2.54	Rating **	M	Issue No.	27
LM End	2.54	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.317840 °	38.317840 °
				-121.590895 °	-121.590895 °
DWR ID	DWR_RD0999_03_s _ 2012_27				
Action/Comments					
Equipment					
Inspector Comments: Diesel tank stored at landside toe.					

Photo 1 of 2 : SP\_2015\_RD0999\_234\_27\_20150309\_00020.jpg



Looking southwest at farm equipment stored at landside toe. (Fall Inspection 2012)

LM Start	<b>2.54</b>	Rating **	M	Issue No.	<b>27 (cont)</b>
LM End	<b>2.54</b>	Issue Type +	Ma	Location *	LS

Photo 2 of 2 : SP\_2015\_RD0999\_234\_27\_20150309\_00021.jpg



Looking northwest at equipment at landside toe.

LM Start	2.69	Rating **	M	Issue No.	32
LM End	2.74	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.319943 °	38.320670 °
				-121.590737 °	-121.590802 °
DWR ID	DWR_RD0999_03_s _ 2012_32				
Action/Comments					
Trim trees to at least five feet above ground level.					

Photo 1 of 1 : SP\_2015\_RD0999\_234\_32\_20150327\_00041.jpg



Looking northwest at untrimmed trees on landward slope. (Spring 2015)

<b>* Location</b>		<b>** Rating</b>		<b>+ Issue Type</b>	
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**

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2015

### Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Sutter Slough	Right	3.74	03/24/2015 03/24/2015	Richard Willoughby

LM Start	2.71	Rating **	M	Issue No.	41
LM End	2.71	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.320335 °	38.320335 °
				-121.590795 °	-121.590795 °
DWR ID	DWR_RD0999_03_s_2015_41				
Action/Comments					
Trim trees to at least five feet above ground level.					

No Photos

LM Start	2.78	Rating **	M	Issue No.	28
LM End	2.94	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.321244 °	38.323362 °
				-121.590969 °	-121.590208 °
DWR ID	DWR_RD0999_03_s_2012_28				
Action/Comments					
Trim and thin trees to allow visibility of the ground and room to flood fight.					

No Photos

LM Start	2.87	Rating **	M	Issue No.	35
LM End	2.92	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	USACE Erosion Survey			38.322457 °	38.323042 °
				-121.590693 °	-121.590209 °
DWR ID	DWR_RD0999_03_f_2014_35				
Action/Comments					
Inspector Comments: 2012 - Slumping of upper levee slope. 2013: No observed changes. [2013 Site ID: STR_27-1_R]					

Photo 1 of 1 : SP\_2015\_RD0999\_234\_35\_20150309\_00027.jpg



USACE 2013 Photo #1

<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**

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2015

### Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Sutter Slough	Right	3.74	03/24/2015 03/24/2015	Richard Willoughby

LM Start	2.88	Rating **	M	Issue No.	10
LM End	2.88	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.322757 °	38.322757 °
				-121.590817 °	-121.590817 °
DWR ID	DWR_RD0999_03_f_2012_10				
Action/Comments					
Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comments: Wild growth at landside slope and toe.					

Photo 1 of 3 : SP\_2015\_RD0999\_234\_10\_20150309\_00012.jpg



Looking west at trimmed trees at landward toe. (Fall 2014)

Photo 2 of 3 : SP\_2015\_RD0999\_234\_10\_20150309\_00013.jpg



Looking west at dense trees on landside toe.

Photo 3 of 3 : SP\_2015\_RD0999\_234\_10\_20150309\_00014.jpg



Looking northwest at dense vegetation at landside slope and toe.

LM Start	<b>2.88</b>	Rating **	M	Issue No.	<b>10 (cont)</b>
LM End	<b>2.88</b>	Issue Type +	Ma	Location *	LS

LM Start	<b>2.88</b>	Rating **	M	Issue No.	<b>10 (cont)</b>
LM End	<b>2.88</b>	Issue Type +	Ma	Location *	LS

* 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**

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2015

### Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Sutter Slough	Right	3.74	03/24/2015 03/24/2015	Richard Willoughby

LM Start	3.01	Rating **	M	Issue No.	31
LM End	3.25	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.323770 °	38.326061 °
				-121.589035 °	-121.586028 °
DWR ID	DWR_RD0999_03_s_2012_31				
Action/Comments					
Trim and thin trees to allow visibility of the ground and room to flood fight.					

Photo 1 of 1 : SP\_2015\_RD0999\_234\_31\_20150309\_00024.jpg



Looking north at trimmed trees on landward slope.

LM Start	3.05	Rating **	M	Issue No.	47
LM End	3.22	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	USACE Erosion Survey			38.323667 °	38.325592 °
				-121.588226 °	-121.585925 °
DWR ID	DWR_RD0999_03_f_2014_47				
Action/Comments					
Inspector Comments: 2011 - Multiple erosion pockets. Some likely from tree popouts. 2013: Tall vertical sections. [2013 Site ID: STR_27-3_R]					

Photo 1 of 1 : SP\_2015\_RD0999\_234\_47\_20150309\_00033.jpg



USACE 2013 Photo #1

LM Start	3.13	Rating **	M	Issue No.	42
LM End	3.13	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.324510 °	38.324510 °
				-121.587015 °	-121.587015 °
DWR ID	DWR_RD0999_03_s_2015_42				
Action/Comments					
Prunings					
Inspector Comments: Prunings on landward shoulder.					

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**

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2015

### Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Sutter Slough	Right	3.74	03/24/2015 03/24/2015	Richard Willoughby

LM Start	3.21	Rating **	A/W	Issue No.	19
LM End	3.21	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.325534 °	38.325534 °
				-121.586273 °	-121.586273 °
DWR ID	DWR_RD0999_03_s _ 2012_19				
Action/Comments					
Trim trees to at least five feet above ground level.					

No Photos

LM Start	3.60	Rating **	M	Issue No.	44
LM End	3.64	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.330946 °	38.331415 °
				-121.585932 °	-121.585534 °
DWR ID	DWR_RD0999_03_s _ 2015_44				
Action/Comments					
Thin trees to allow visibility of the ground and room to flood fight. Inspector Comments: Remove trees under an inch in diameter. Don't allow young trees to get establish on levee slope.					

Photo 1 of 1 : SP\_2015\_RD0999\_234\_44\_20150327\_00042.jpg



Looking southwest at typical view of young oak trees on landward slope.  
(Spring 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**

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2015

### Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Sacramento River	Right	1.22	03/26/2015 03/26/2015	Richard Willoughby

LM Start	0.02	Rating **	M	Issue No.	8
LM End	0.28	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	USACE Erosion Survey			38.414387 °	38.417692 °
				-121.522871 °	-121.525083 °
DWR ID	DWR_RD0999_04_f_2014_8				
Action/Comments					
Inspector Comments: 1997 - Structural problem rather than erosional, failed cobble at downstream end. 2005 - New brush boxes at waterline for several hundred feet downstream, No toe or bank protection present. 2006 - Some minor new erosion. Brush boxes not working well; most of the brush has floated out. 2007 - Brush boxes have recently been repaired. 2013: No observed changes. [2013 Site ID: SAC_41-9_R]					

Photo 1 of 1 : SP\_2015\_RD0999\_235\_8\_20150309\_00006.jpg



USACE 2013 Photo #1

LM Start	0.03	Rating **	A/W	Issue No.	35
LM End	0.03	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.414450 °	38.414450 °
				-121.523308 °	-121.523308 °
DWR ID	DWR_RD0999_04_f_2014_35				
Action/Comments					
Trim trees to at least five feet above ground level.					

No Photos

LM Start	0.05	Rating **	M	Issue No.	15
LM End	0.05	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.414642 °	38.414642 °
				-121.523430 °	-121.523430 °
DWR ID	DWR_RD0999_04_s_2012_15				
Action/Comments					
Trim trees to at least five feet above ground level.					

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**

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2015

### Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Sacramento River	Right	1.22	03/26/2015 03/26/2015	Richard Willoughby

LM Start	0.19	Rating **	M	Issue No.	24
LM End	0.27	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.416518 °	38.417519 °
				-121.524502 °	-121.525368 °
DWR ID	DWR_RD0999_04_s _ 2012_24				
Action/Comments					
Trim and thin trees to allow visibility of the ground and room to flood fight.					

No Photos

LM Start	0.38	Rating **	M	Issue No.	10
LM End	0.50	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.418838 °	38.420447 °
				-121.526225 °	-121.527380 °
DWR ID	DWR_RD0999_04_s _ 2012_10				
Action/Comments					
Trim trees to at least five feet above ground level.					

Photo 1 of 2 : SP\_2015\_RD0999\_235\_10\_20150309\_00007.jpg



Looking northwest at dense trees on landside slope and toe.

LM Start	<b>0.38</b>	Rating **	M	Issue No.	<b>10 (cont)</b>
LM End	<b>0.50</b>	Issue Type +	Ma	Location *	LS

Photo 2 of 2 : SP\_2015\_RD0999\_235\_10\_20150309\_00008.jpg



Looking west at dense trees on waterside slope.

<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**

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2015

### Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Sacramento River	Right	1.22	03/26/2015 03/26/2015	Richard Willoughby

LM Start	0.53	Rating **	M	Issue No.	37
LM End	0.53	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.420791 °	38.420791 °
				-121.527553 °	-121.527553 °
DWR ID	DWR_RD0999_04_s_2015_37				
Action/Comments					
Trim trees to at least five feet above ground level.					

No Photos

LM Start	0.60	Rating **	A/W	Issue No.	21	
LM End	0.60	Issue Type +	Ma	Location *	LS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start	End	
Item	Encroachments				°	
					°	
DWR ID	DWR_RD0999_04_f_2013_21					
Action/Comments						
Tree or limb						
Inspector Comments: Downed tree on landward toe and berm.						

Photo 1 of 1 : SP\_2015\_RD0999\_235\_21\_20150309\_00016.jpg



Looking west at dead tree on landward toe and berm.

LM Start	0.63	Rating **	N	Issue No.	19
LM End	0.63	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.421997 °	38.421997 °
				-121.528470 °	-121.528470 °
DWR ID	DWR_RD0999_04_s_2012_19				
Action/Comments					
Tree stumps.					

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**

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2015

### Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Sacramento River	Right	1.22	03/26/2015 03/26/2015	Richard Willoughby

LM Start	0.66	Rating **	N	Issue No.	18
LM End	0.66	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.422377 °	38.422377 °
				-121.528792 °	-121.528792 °
DWR ID	DWR_RD0999_04_s _ 2012_18				
Action/Comments					
Tree stumps.					

No Photos

LM Start	0.67	Rating **	A/W	Issue No.	7
LM End	0.71	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.422517 °	38.423133 °
				-121.528858 °	-121.529210 °
DWR ID	DWR_RD0999_04_s _ 2012_7				
Action/Comments					
Trim trees to at least five feet above ground level.					

No Photos

LM Start	0.71	Rating **	A/W	Issue No.	6
LM End	0.87	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.423035 °	38.425140 °
				-121.529255 °	-121.530742 °
DWR ID	DWR_RD0999_04_s _ 2012_6				
Action/Comments					
Trim trees to at least five feet above ground level.					

Photo 1 of 2 : SP\_2015\_RD0999\_235\_6\_20150309\_00004.jpg



Looking north at trimmed trees and removed fence on landside slope.

<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**

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2015

### Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Sacramento River	Right	1.22	03/26/2015 03/26/2015	Richard Willoughby

LM Start	0.71	Rating **	A/W	Issue No.	6 (cont)	
LM End	0.87	Issue Type +	Ma	Location *	LS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Trim / Thin Trees			38.423035 °		38.425140 °
				-121.529255 °		-121.530742 °
DWR ID	DWR_RD0999_04_s_2012_6					
Action/Comments						
Trim trees to at least five feet above ground level.						

Photo 2 of 2 : SP\_2015\_RD0999\_235\_6\_20150309\_00005.jpg



Looking south at trimmed trees on landside slope and removed fence.

LM Start	0.75	Rating **	N	Issue No.	17
LM End	0.75	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.423560 °	38.423560 °
				-121.529653 °	-121.529653 °
DWR ID	DWR_RD0999_04_s_2012_17				
Action/Comments					
Tree stumps.					

No Photos

LM Start	0.82	Rating **	N	Issue No.	14
LM End	0.82	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.424432 °	38.424432 °
				-121.530265 °	-121.530265 °
DWR ID	DWR_RD0999_04_s_2012_14				
Action/Comments					
Tree stumps.					

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**

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2015

### Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Sacramento River	Right	1.22	03/26/2015 03/26/2015	Richard Willoughby

LM Start	0.84	Rating **	N	Issue No.	9
LM End	0.84	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.424722 °	38.424722 °
				-121.530470 °	-121.530470 °
DWR ID	DWR_RD0999_04_s_2012_9				
Action/Comments					
Tree stumps.					

No Photos

LM Start	1.04	Rating **	A/W	Issue No.	16
LM End	1.04	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.427295 °	38.427295 °
				-121.532164 °	-121.532164 °
DWR ID	DWR_RD0999_04_f_2012_16				
Action/Comments					
Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comments: Blackberries blocking view of landward toe.					

Photo 1 of 2 : SP\_2015\_RD0999\_235\_16\_20150309\_00013.jpg



Looking southwest at dense berry vines at landward toe. 2013

Photo 2 of 2 : SP\_2015\_RD0999\_235\_16\_20150309\_00014.jpg



Looking south at dense berryvines on landside toe. 2012

* 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**

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2015

### Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Sacramento River	Right	1.22	03/26/2015 03/26/2015	Richard Willoughby

LM Start	1.15	Rating **	M	Issue No.	5
LM End	1.15	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.428823 °	38.428823 °
				-121.532885 °	-121.532885 °
DWR ID	DWR_RD0999_04_s_2012_5				
Action/Comments					
Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comments: Berry vines and wild roses on landside toe.					

Photo 1 of 2 : SP\_2015\_RD0999\_235\_5\_20150309\_00002.jpg



Looking north at dense vegetation on landside slope near ramp.

Photo 2 of 2 : SP\_2015\_RD0999\_235\_5\_20150309\_00003.jpg



Looking northwest at dense wild roses and berry vines on landside toe near ramp.

LM Start	1.20	Rating **	M	Issue No.	22
LM End	1.22	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees				°
					°
DWR ID	DWR_RD0999_04_f_2013_22				
Action/Comments					
Trim and thin trees to allow visibility of the ground and room to flood fight.					

Photo 1 of 1 : SP\_2015\_RD0999\_235\_22\_20150309\_00017.jpg



Looking south at dense trees on landward slope.

<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**

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2015

### Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Elk Slough	Right	9.48	03/24/2015 03/26/2015	Richard Willoughby

LM Start	0.05	Rating **	M	Issue No.	178
LM End	0.05	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.333308 °	38.333308 °
				-121.584494 °	-121.584494 °
DWR ID	DWR_RD0999_05_s_2015_178				
Action/Comments					
Thin trees to allow visibility of the ground and room to flood fight. Inspector Comments: Remove trees under an inch in diameter on landward slope. Don't allow young trees to get establish.					

Photo 1 of 1 : SP\_2015\_RD0999\_236\_178\_20150327\_00141.jpg



Looking at typical view of young oak trees on landward slope. (Spring 2015)

LM Start	0.10	Rating **	A/W	Issue No.	72
LM End	0.10	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees				°
					°
DWR ID	DWR_RD0999_05_f_2013_72				
Action/Comments					
Trim and thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comments: Remove small oak trees from landward slope before trees are establish.					

Photo 1 of 1 : SP\_2015\_RD0999\_236\_72\_20150309\_00054.jpg



Looking west at small oak trees on landward slope.

LM Start	0.20	Rating **	M	Issue No.	179
LM End	0.23	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.335430 °	38.335881 °
				-121.583888 °	-121.583598 °
DWR ID	DWR_RD0999_05_s_2015_179				
Action/Comments					
Trim trees to at least five feet above ground level.					

No Photos

* 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**

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2015

### Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Elk Slough	Right	9.48	03/24/2015 03/26/2015	Richard Willoughby

LM Start	0.25	Rating **	A/W	Issue No.	1
LM End	0.29	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.336113 °	38.336663 °
				-121.583418 °	-121.583027 °
DWR ID	DWR_RD0999_05_s _ 2012_1				
Action/Comments					
Exterminate rodents and backfill and compact or grout burrows.					

No Photos

LM Start	0.37	Rating **	M	Issue No.	3
LM End	0.39	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.337697 °	38.337963 °
				-121.582420 °	-121.582352 °
DWR ID	DWR_RD0999_05_s _ 2012_3				
Action/Comments					
Trim trees to at least five feet above ground level.					

No Photos

LM Start	0.37	Rating **	M	Issue No.	53
LM End	0.37	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.337753 °	38.337753 °
				-121.582445 °	-121.582445 °
DWR ID	DWR_RD0999_05_s _ 2012_53				
Action/Comments					
Remove the wild growth other than native grasses from the levee slopes.					

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**

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2015

### Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Elk Slough	Right	9.48	03/24/2015 03/26/2015	Richard Willoughby

LM Start	0.40	Rating **	M	Issue No.	25
LM End	0.44	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.338075 °	38.338688 °
				-121.582322 °	-121.582193 °
DWR ID	DWR_RD0999_05_s_2012_25				
Action/Comments					
Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comments: Elderberries within vegetation area.					

Photo 1 of 4 : SP\_2015\_RD0999\_236\_25\_20150309\_00019.jpg



Looking northwest at dense vegetation on landside slope and toe.

Photo 2 of 4 : SP\_2015\_RD0999\_236\_25\_20150309\_00020.jpg



Looking southwest at vegetation on landside slope and toe. (Fall 2012)

Photo 3 of 4 : SP\_2015\_RD0999\_236\_25\_20150309\_00021.jpg



Looking northwest at vegetation on landside shoulder. (Fall 2012)

LM Start	<b>0.40</b>	Rating **	M	Issue No.	<b>25 (cont)</b>
LM End	<b>0.44</b>	Issue Type +	Ma	Location *	LS

LM Start	<b>0.40</b>	Rating **	M	Issue No.	<b>25 (cont)</b>
LM End	<b>0.44</b>	Issue Type +	Ma	Location *	LS

<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**

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2015

### Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Elk Slough	Right	9.48	03/24/2015 03/26/2015	Richard Willoughby

LM Start	0.40	Rating **	M	Issue No.	25 (cont)	
LM End	0.44	Issue Type +	Ma	Location *	LS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Vegetation			38.338075 °		38.338688 °
				-121.582322 °		-121.582193 °
DWR ID	DWR_RD0999_05_s _ 2012_25					
Action/Comments						
Remove the wild growth other than native grasses from the levee slopes.						
Inspector Comments: Elderberries within vegetation area.						

Photo 4 of 4 : SP\_2015\_RD0999\_236\_25\_20150309\_00022.jpg



Looking southwest at dense berry vines on landside toe.

LM Start	0.44	Rating **	A/W	Issue No.	26
LM End	0.45	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.338647 °	38.338868 °
				-121.582217 °	-121.582163 °
DWR ID	DWR_RD0999_05_s _ 2012_26				
Action/Comments					
Prunings					

Photo 1 of 1 : SP\_2015\_RD0999\_236\_26\_20150309\_00023.jpg



Looking northeast at prunings on waterside slope.

LM Start	0.50	Rating **	M	Issue No.	135		
LM End	0.54	Issue Type +	Ma	Location *	LS		
Category	Earthen Levee			GPS Latitude/Longitude			
				Start		End	
Item	Trim / Thin Trees				o		o
					o		o
DWR ID	DWR_RD0999_05_f _ 2013_135						
Action/Comments							
Trim trees to at least five feet above ground level.							

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**

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2015

### Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Elk Slough	Right	9.48	03/24/2015 03/26/2015	Richard Willoughby

LM Start	0.54	Rating **	M	Issue No.	27
LM End	0.57	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.340124 °	38.340560 °
				-121.582039 °	-121.581905 °
DWR ID	DWR_RD0999_05_s_2012_27				
Action/Comments					
Trim and thin trees to allow visibility of the ground and room to flood fight.					

No Photos

LM Start	0.68	Rating **	A/W	Issue No.	189
LM End	0.68	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.342032 °	38.342032 °
				-121.581372 °	-121.581372 °
DWR ID	DWR_RD0999_05_f_2014_189				
Action/Comments					
Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comments: Dense wild grapevines on landward slope.					

Photo 1 of 1 : SP\_2015\_RD0999\_236\_189\_20150309\_00103.jpg



Looking northwest at dense vegetation on landward slope.

LM Start	0.69	Rating **	A/W	Issue No.	9
LM End	0.71	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.342180 °	38.342537 °
				-121.581230 °	-121.581263 °
DWR ID	DWR_RD0999_05_s_2012_9				
Action/Comments					
Trim and thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comments: District or landowner trimmed trees to comply with standards.					

Photo 1 of 6 : SP\_2015\_RD0999\_236\_9\_20150327\_00142.jpg



Looking northwest at landward slope. (Spring 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**

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2015

### Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Elk Slough	Right	9.48	03/24/2015 03/26/2015	Richard Willoughby

LM Start	0.69	Rating **	A/W	Issue No.	9 (cont)
LM End	0.71	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.342180 °	38.342537 °
				-121.581230 °	-121.581263 °
DWR ID	DWR_RD0999_05_s_2012_9				
Action/Comments					
Trim and thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comments: District or landowner trimmed trees to comply with standards.					

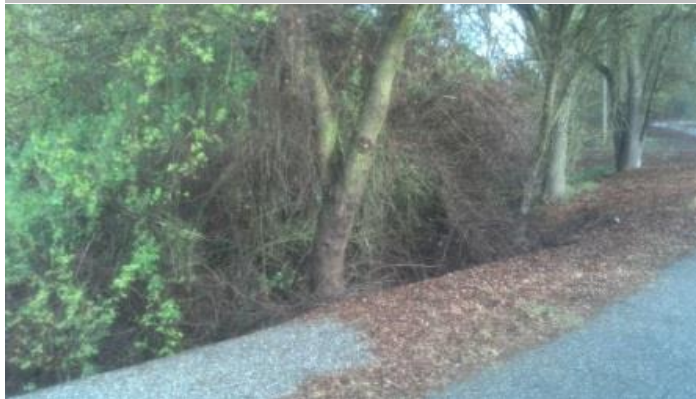
LM Start	<b>0.69</b>	Rating **	A/W	Issue No.	<b>9 (cont)</b>
LM End	<b>0.71</b>	Issue Type +	Ma	Location *	LS

Photo 2 of 6 : SP\_2015\_RD0999\_236\_9\_20150327\_00143.jpg



Looking south at landward slope. (Spring 2015)

Photo 3 of 6 : SP\_2015\_RD0999\_236\_9\_20150309\_00005.jpg



Looking northwest at dense trees at landside slope and toe. (Spring 2013)

Photo 4 of 6 : SP\_2015\_RD0999\_236\_9\_20150309\_00006.jpg



Looking west at trimmed trees on landside slope. (Spring 2012)

<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**

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2015

### Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Elk Slough	Right	9.48	03/24/2015 03/26/2015	Richard Willoughby

LM Start	0.69	Rating **	A/W	Issue No.	9 (cont)	
LM End	0.71	Issue Type +	Ma	Location *	LS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Trim / Thin Trees			38.342180 °		38.342537 °
				-121.581230 °		-121.581263 °
DWR ID	DWR_RD0999_05_s _ 2012_9					
Action/Comments						
Trim and thin trees to allow visibility of the ground and room to flood fight.						
Inspector Comments: District or landowner trimmed trees to comply with standards.						

Photo 5 of 6 : SP\_2015\_RD0999\_236\_9\_20150309\_00007.jpg



Looking west at dense trees on landside slope and toe. (Spring 2011)

Photo 6 of 6 : SP\_2015\_RD0999\_236\_9\_20150309\_00004.jpg



Front view of dense trees at landside shoulder. (Spring 2011)

LM Start	<b>0.69</b>	Rating **	A/W	Issue No.	<b>9 (cont)</b>
LM End	<b>0.71</b>	Issue Type +	Ma	Location *	LS

LM Start	0.75	Rating **	A/W	Issue No.	10
LM End	0.90	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.343058 °	38.345210 °
				-121.581263 °	-121.580713 °
DWR ID	DWR_RD0999_05_s _ 2012_10				
Action/Comments					
Trim and thin trees to allow visibility of the ground and room to flood fight.					

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**

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2015

### Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Elk Slough	Right	9.48	03/24/2015 03/26/2015	Richard Willoughby

LM Start	0.78	Rating **	M	Issue No.	128
LM End	0.78	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.343495 °	38.343495 °
				-121.581282 °	-121.581282 °
DWR ID	DWR_RD0999_05_s _ 2012_128				
Action/Comments					
Trim and thin trees to allow visibility of the ground and room to flood fight.					

Photo 1 of 2 : SP\_2015\_RD0999\_236\_128\_20150327\_00145.jpg



Looking northwest at untrimmed trees on landward slope. (Spring 2015)

LM Start	<b>0.78</b>	Rating **	M	Issue No.	<b>128 (cont)</b>
LM End	<b>0.78</b>	Issue Type +	Ma	Location *	LS

Photo 2 of 2 : SP\_2015\_RD0999\_236\_128\_20150309\_00076.jpg



Looking at dense trees on landside slope and toe.

LM Start	0.79	Rating **	U	Issue No.	190
LM End	0.79	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.343606 °	38.343606 °
				-121.581279 °	-121.581279 °
DWR ID	DWR_RD0999_05_f _ 2014_190				
Action/Comments					
Trim and thin trees to allow visibility of the ground and room to flood fight.					

Photo 1 of 1 : SP\_2015\_RD0999\_236\_190\_20150309\_00104.jpg



Looking west at dense vegetation on landward slope and toe.

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

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

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



**Flood Control Project Maintenance  
Levee Inspections**

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2015

### Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Elk Slough	Right	9.48	03/24/2015 03/26/2015	Richard Willoughby

LM Start	0.93	Rating **	M	Issue No.	197
LM End	0.95	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.345564 °	38.345844 °
				-121.580614 °	-121.580458 °
DWR ID	DWR_RD0999_05_f_2014_197				
Action/Comments					
Trim trees to at least five feet above ground level.					

No Photos

LM Start	1.00	Rating **	M	Issue No.	180
LM End	1.02	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.346477 °	38.346864 °
				-121.580086 °	-121.579864 °
DWR ID	DWR_RD0999_05_s_2015_180				
Action/Comments					
Trim trees to at least five feet above ground level.					

No Photos

LM Start	1.04	Rating **	M	Issue No.	146		
LM End	1.06	Issue Type +	Ma	Location *	LS		
Category	Earthen Levee			GPS Latitude/Longitude			
				Start		End	
Item	Trim / Thin Trees				°		°
					°		°
DWR ID	DWR_RD0999_05_f_2013_146						
Action/Comments							
Trim and thin trees to allow visibility of the ground and room to flood fight.							

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**

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2015

### Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Elk Slough	Right	9.48	03/24/2015 03/26/2015	Richard Willoughby

LM Start	1.07	Rating **	M	Issue No.	14
LM End	1.11	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.347427 °	38.347863 °
				-121.579395 °	-121.579113 °
DWR ID	DWR_RD0999_05_s_2012_14				
Action/Comments					
Trim trees to at least five feet above ground level.					

Photo 1 of 1 : SP\_2015\_RD0999\_236\_14\_20150309\_00010.jpg



Looking west at dense trees on landside slope and toe.

LM Start	1.15	Rating **	M	Issue No.	15
LM End	1.19	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.348237 °	38.348328 °
				-121.578440 °	-121.577735 °
DWR ID	DWR_RD0999_05_s_2012_15				
Action/Comments					
Trim trees to at least five feet above ground level.					

Photo 1 of 1 : SP\_2015\_RD0999\_236\_15\_20150327\_00146.jpg



Looking north at untrimmed trees on landward slope and toe. (Spring 2015)

LM Start	1.19	Rating **	M	Issue No.	147
LM End	1.19	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation				°
					°
DWR ID	DWR_RD0999_05_f_2013_147				
Action/Comments					
Remove the wild growth other than native grasses from the levee slopes.					

No Photos

* 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**

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2015

### Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Elk Slough	Right	9.48	03/24/2015 03/26/2015	Richard Willoughby

LM Start	1.30	Rating **	A/W	Issue No.	36
LM End	1.30	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.348252 °	38.348252 °
				-121.575704 °	-121.575704 °
DWR ID	DWR_RD0999_05_s _ 2012_36				
Action/Comments					
Trim trees to at least five feet above ground level.					

No Photos

LM Start	1.38	Rating **	M	Issue No.	198
LM End	1.38	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.348133 °	38.348133 °
				-121.574319 °	-121.574319 °
DWR ID	DWR_RD0999_05_f _ 2014_198				
Action/Comments					
Trim trees to at least five feet above ground level.					

No Photos

LM Start	1.39	Rating **	M	Issue No.	129
LM End	1.39	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.348100 °	38.348100 °
				-121.574075 °	-121.574075 °
DWR ID	DWR_RD0999_05_s _ 2012_129				
Action/Comments					
Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comments: Berry vines and century plants on landside toe and slope.					

Photo 1 of 2 : SP\_2015\_RD0999\_236\_129\_20150309\_00077.jpg



Looking southwest at berry vines on landward slope.

<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**

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2015

### Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Elk Slough	Right	9.48	03/24/2015 03/26/2015	Richard Willoughby

LM Start	1.39	Rating **	M	Issue No.	129 (cont)
LM End	1.39	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.348100 °	38.348100 °
				-121.574075 °	-121.574075 °
DWR ID	DWR_RD0999_05_s _ 2012_129				
Action/Comments					
Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comments: Berry vines and century plants on landside toe and slope.					

Photo 2 of 2 : SP\_2015\_RD0999\_236\_129\_20150309\_00078.jpg



Looking west at century plants on landward slope.

LM Start	1.46	Rating **	M	Issue No.	18
LM End	1.83	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.348670 °	38.353852 °
				-121.573320 °	-121.573570 °
DWR ID	DWR_RD0999_05_s _ 2012_18				
Action/Comments					
Trim and thin trees to allow visibility of the ground and room to flood fight.					

Photo 1 of 2 : SP\_2015\_RD0999\_236\_18\_20150309\_00015.jpg



Side view of dense trees along waterside slope.

LM Start	<b>1.46</b>	Rating **	M	Issue No.	<b>18 (cont)</b>
LM End	<b>1.83</b>	Issue Type +	Ma	Location *	LS

Photo 2 of 2 : SP\_2015\_RD0999\_236\_18\_20150309\_00016.jpg



Front view of dense trees along waterside slope.

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

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

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

**Flood Control Project Maintenance  
Levee Inspections**

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2015

### Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Elk Slough	Right	9.48	03/24/2015 03/26/2015	Richard Willoughby

LM Start	1.50	Rating **	A/W	Issue No.	19
LM End	1.53	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.349152 °	38.349582 °
				-121.573493 °	-121.573538 °
DWR ID	DWR_RD0999_05_s _ 2012_19				
Action/Comments					
Exterminate rodents and backfill and compact or grout burrows.					

No Photos

LM Start	1.55	Rating **	A/W	Issue No.	20
LM End	1.61	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.349835 °	38.350717 °
				-121.573643 °	-121.573887 °
DWR ID	DWR_RD0999_05_s _ 2012_20				
Action/Comments					
Trim trees to at least five feet above ground level.					

No Photos

LM Start	1.69	Rating **	M	Issue No.	199
LM End	1.69	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.351957 °	38.351957 °
				-121.574096 °	-121.574096 °
DWR ID	DWR_RD0999_05_f _ 2014_199				
Action/Comments					
Elderberries are blocking visibility and flood fight capability.					

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**

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2015

### Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Elk Slough	Right	9.48	03/24/2015 03/26/2015	Richard Willoughby

LM Start	1.70	Rating **	A/W	Issue No.	21
LM End	1.77	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.352088 °	38.352968 °
				-121.574052 °	-121.574008 °
DWR ID	DWR_RD0999_05_s _ 2012_21				
Action/Comments					
Trim trees to at least five feet above ground level.					

No Photos

LM Start	1.80	Rating **	C	Issue No.	200
LM End	1.80	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.353507 °	38.353507 °
				-121.573830 °	-121.573830 °
DWR ID	DWR_RD0999_05_f _ 2014_200				
Action/Comments					
Garbage					
Inspector Comments: Sofa on waterward slope.					

No Photos

LM Start	1.92	Rating **	C	Issue No.	22
LM End	1.92	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.354888 °	38.354888 °
				-121.572540 °	-121.572540 °
DWR ID	DWR_RD0999_05_s _ 2012_22				
Action/Comments					
Material					
Inspector Comments: Concrete rubble should be removed or broken up and spread out at waterward toe.					

No Photos

* 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**

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2015

### Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Elk Slough	Right	9.48	03/24/2015 03/26/2015	Richard Willoughby

LM Start	1.97	Rating **	C	Issue No.	150
LM End	1.97	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments				°
					°
DWR ID	DWR_RD0999_05_f_2013_150				
Action/Comments					
Garbage					
Inspector Comments: Sofa on waterward shoulder.					

No Photos

LM Start	2.00	Rating **	C	Issue No.	80
LM End	2.00	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.355531 °	38.355531 °
				-121.571374 °	-121.571374 °
DWR ID	DWR_RD0999_05_s_2012_80				
Action/Comments					
Material					
Inspector Comments: District placed large concrete rubble on ramp to block access. District should remove concrete rubble and use a different method to block access.					

No Photos

LM Start	2.14	Rating **	M	Issue No.	24
LM End	2.16	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.355402 °	38.355282 °
				-121.568893 °	-121.568547 °
DWR ID	DWR_RD0999_05_s_2012_24				
Action/Comments					
Trim and thin trees to allow visibility of the ground and room to flood fight.					

Photo 1 of 1 : SP\_2015\_RD0999\_236\_24\_20150327\_00148.jpg



Looking west at dense trees on landward slope. (Spring 2015)

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

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2015

### Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Elk Slough	Right	9.48	03/24/2015 03/26/2015	Richard Willoughby

LM Start	2.28	Rating **	A/W	Issue No.	40
LM End	2.30	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.354474 °	38.354555 °
				-121.566701 °	-121.566191 °
DWR ID	DWR_RD0999_05_s _ 2012_40				
Action/Comments					
Trim trees to at least five feet above ground level.					

No Photos

LM Start	2.36	Rating **	M	Issue No.	42
LM End	2.48	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.354916 °	38.355982 °
				-121.565167 °	-121.563561 °
DWR ID	DWR_RD0999_05_s _ 2012_42				
Action/Comments					
Thin trees to allow visibility of the ground and room to flood fight.					

No Photos

LM Start	2.51	Rating **	M	Issue No.	82
LM End	2.65	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.356270 °	38.358132 °
				-121.563218 °	-121.562347 °
DWR ID	DWR_RD0999_05_s _ 2012_82				
Action/Comments					
Trim and thin trees to allow visibility of the ground and room to flood fight.					

Photo 1 of 1 : SP\_2015\_RD0999\_236\_82\_20150327\_00149.jpg



Looking northwest at dense trees on landward slope. (Spring 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**

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2015

### Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Elk Slough	Right	9.48	03/24/2015 03/26/2015	Richard Willoughby

LM Start	2.70	Rating **	A/W	Issue No.	73
LM End	2.70	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.358888 °	38.358888 °
				-121.562280 °	-121.562280 °
DWR ID	DWR_RD0999_05_s _ 2012_73				
Action/Comments					
Thin trees to allow visibility of the ground and room to flood fight.					

No Photos

LM Start	2.87	Rating **	M	Issue No.	29
LM End	3.12	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.361268 °	38.364373 °
				-121.563263 °	-121.561947 °
DWR ID	DWR_RD0999_05_s _ 2012_29				
Action/Comments					
Trim and thin trees to allow visibility of the ground and room to flood fight.					

No Photos

LM Start	3.22	Rating **	A/W	Issue No.	33
LM End	3.29	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.364552 °	38.364225 °
				-121.560137 °	-121.558852 °
DWR ID	DWR_RD0999_05_s _ 2012_33				
Action/Comments					
Trim trees to at least five feet above ground level.					

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**

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2015

### Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Elk Slough	Right	9.48	03/24/2015 03/26/2015	Richard Willoughby

LM Start	3.26	Rating **	A/W	Issue No.	191
LM End	3.63	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Crown Surface / Depressions / Rutting			38.364522 °	38.366911 °
				-121.559423 °	-121.556784 °
DWR ID	DWR_RD0999_05_s _ 2014_191				
Action/Comments					
Add appropriate gravel or road base. Grade and compact.					

No Photos

LM Start	3.44	Rating **	A/W	Issue No.	34
LM End	3.47	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.364113 °	38.364542 °
				-121.556507 °	-121.556402 °
DWR ID	DWR_RD0999_05_s _ 2012_34				
Action/Comments					
Trim trees to at least five feet above ground level.					

No Photos

LM Start	3.58	Rating **	M	Issue No.	201
LM End	3.64	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.366103 °	38.367035 °
				-121.556820 °	-121.556781 °
DWR ID	DWR_RD0999_05_f _ 2014_201				
Action/Comments					
Thin trees to allow visibility of the ground and room to flood fight. Inspector Comments: Landowner has planted oak trees and installed sprinklers on landward slope. Oak trees should be removed.					

Photo 1 of 2 : SP\_2015\_RD0999\_236\_201\_20150309\_00111.jpg



Looking northwest at several small oak trees planted along landward slope.

<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**

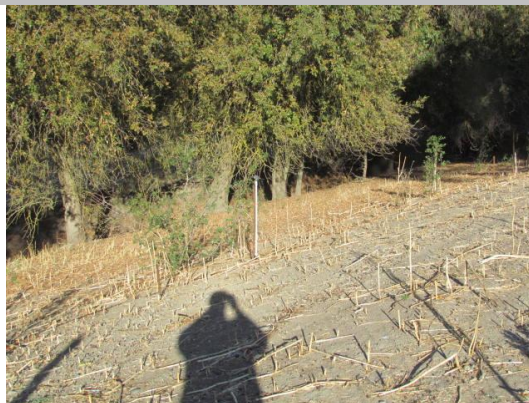
## Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2015

### Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Elk Slough	Right	9.48	03/24/2015 03/26/2015	Richard Willoughby

LM Start	3.58	Rating **	M	Issue No.	201 (cont)	
LM End	3.64	Issue Type +	Ma	Location *	LS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start	End	
Item	Trim / Thin Trees			38.366103 °	38.367035 °	
				-121.556820 °	-121.556781 °	
DWR ID	DWR_RD0999_05_f_2014_201					
Action/Comments						
Thin trees to allow visibility of the ground and room to flood fight. Inspector Comments: Landowner has planted oak trees and installed sprinklers on landward slope. Oak trees should be removed.						

Photo 2 of 2 : SP\_2015\_RD0999\_236\_201\_20150309\_00112.jpg



Looking west a several small oak trees planted on landward slope.

LM Start	3.64	Rating **	M	Issue No.	16
LM End	3.64	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.366958 °	38.366958 °
				-121.556822 °	-121.556822 °
DWR ID	DWR_RD0999_05_s_2012_16				
Action/Comments					
Equipment Inspector Comments: Equipment stored at landward toe.					

Photo 1 of 2 : SP\_2015\_RD0999\_236\_16\_20150309\_00011.jpg



Looking northwest at equipment on landside toe.

LM Start	<b>3.64</b>	Rating **	M	Issue No.	<b>16 (cont)</b>
LM End	<b>3.64</b>	Issue Type +	Ma	Location *	LS

Photo 2 of 2 : SP\_2015\_RD0999\_236\_16\_20150309\_00012.jpg



Looking west at equipment at landside toe.

* 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**

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2015

### Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Elk Slough	Right	9.48	03/24/2015 03/26/2015	Richard Willoughby

LM Start	3.94	Rating **	M	Issue No.	181
LM End	4.22	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.368919 °	38.372558 °
				-121.552485 °	-121.552484 °
DWR ID	DWR_RD0999_05_s_2015_181				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements.					
Inspector Comments: Control grasses on levee crown.					

Photo 1 of 1 : SP\_2015\_RD0999\_236\_181\_20150327\_00152.jpg



Looking north at vegetation on levee crown. (Spring 2015)

LM Start	3.98	Rating **	M	Issue No.	41
LM End	4.05	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.369440 °	38.370398 °
				-121.552747 °	-121.553373 °
DWR ID	DWR_RD0999_05_s_2012_41				
Action/Comments					
Trim and thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comments: Control oak saplings on waterward slope.					

Photo 1 of 2 : SP\_2015\_RD0999\_236\_41\_20150327\_00153.jpg



Looking southeast at saplings on waterward slope. (Spring 2015)

LM Start	<b>3.98</b>	Rating **	M	Issue No.	<b>41 (cont)</b>
LM End	<b>4.05</b>	Issue Type +	Ma	Location *	WS

Photo 2 of 2 : SP\_2015\_RD0999\_236\_41\_20150309\_00035.jpg



Looking northeast at trimmed trees on waterside slope.

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

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

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







**Flood Control Project Maintenance  
Levee Inspections**

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2015

### Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Elk Slough	Right	9.48	03/24/2015 03/26/2015	Richard Willoughby

LM Start	4.42	Rating **	M	Issue No.	57
LM End	4.46	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.374866 °	38.375061 °
				-121.550491 °	-121.549800 °
DWR ID	DWR_RD0999_05_s_2012_57				
Action/Comments					
Trim and thin trees to allow visibility of the ground and room to flood fight.					

Photo 1 of 1 : SP\_2015\_RD0999\_236\_57\_20150327\_00154.jpg



Looking northwest at dense trees on landward slope. (Spring 2015)

LM Start	4.45	Rating **	M	Issue No.	130
LM End	4.45	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees				°
					°
DWR ID	DWR_RD0999_05_f_2013_130				
Action/Comments					
Trim trees to at least five feet above ground level.					

No Photos

LM Start	4.47	Rating **	A/W	Issue No.	47
LM End	4.53	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.375072 °	38.375057 °
				-121.549547 °	-121.548357 °
DWR ID	DWR_RD0999_05_s_2012_47				
Action/Comments					
Trim and thin trees to allow visibility of the ground and room to flood fight.					

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**

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2015

### Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Elk Slough	Right	9.48	03/24/2015 03/26/2015	Richard Willoughby

LM Start	4.50	Rating **	A/W	Issue No.	58
LM End	4.60	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.375099 °	38.375211 °
				-121.549068 °	-121.547158 °
DWR ID	DWR_RD0999_05_s _ 2012_58				
Action/Comments					
Trim and thin trees to allow visibility of the ground and room to flood fight.					

No Photos

LM Start	4.51	Rating **	A/W	Issue No.	38
LM End	4.64	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.375055 °	38.375313 °
				-121.548792 °	-121.546438 °
DWR ID	DWR_RD0999_05_s _ 2012_38				
Action/Comments					
Thin trees to allow visibility of the ground and room to flood fight.					

Photo 1 of 3 : SP\_2015\_RD0999\_236\_38\_20150309\_00029.jpg



Looking northwest at dense trees on landside slope. (Spring 2011)

Photo 2 of 3 : SP\_2015\_RD0999\_236\_38\_20150309\_00030.jpg



Looking west at trimmed trees on landside slope. (Spring 2012)

* 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**

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2015

### Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Elk Slough	Right	9.48	03/24/2015 03/26/2015	Richard Willoughby

LM Start	4.51	Rating **	A/W	Issue No.	38 (cont)	
LM End	4.64	Issue Type +	Ma	Location *	LS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Trim / Thin Trees			38.375055 °	38.375313 °	
				-121.548792 °	-121.546438 °	
DWR ID	DWR_RD0999_05_s _ 2012_38					
Action/Comments						
Thin trees to allow visibility of the ground and room to flood fight.						

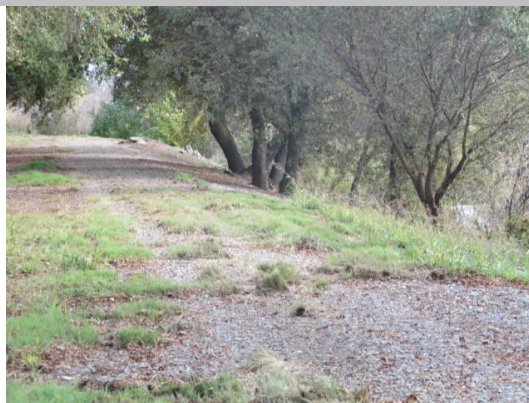
Photo 3 of 3 : SP\_2015\_RD0999\_236\_38\_20150309\_00031.jpg



Looking west at dense trees on landside slope. (Spring 2011)

LM Start	4.51	Rating **	A/W	Issue No.	32
LM End	4.85	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Crown Surface / Depressions / Rutting			38.375084 °	38.377176 °
				-121.548750 °	-121.543571 °
DWR ID	DWR_RD0999_05_f _ 2012_32				
Action/Comments					
Add appropriate material and re-grade the levee to bring the crown above the design elevation.					

Photo 1 of 1 : SP\_2015\_RD0999\_236\_32\_20150309\_00026.jpg



Looking north at vegetation on levee crown.

LM Start	4.51	Rating **	A/W	Issue No.	49
LM End	4.58	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.375050 °	38.375077 °
				-121.548717 °	-121.547512 °
DWR ID	DWR_RD0999_05_s _ 2012_49				
Action/Comments					
Exterminate rodents and backfill and compact or grout burrows.					

No Photos

* 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**

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2015

### Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Elk Slough	Right	9.48	03/24/2015 03/26/2015	Richard Willoughby

LM Start	4.65	Rating **	N	Issue No.	62
LM End	4.65	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.375360 °	38.375360 °
				-121.546291 °	-121.546291 °
DWR ID	DWR_RD0999_05_s _ 2012_62				
Action/Comments					
Tree stumps.					

No Photos

LM Start	4.65	Rating **	A/W	Issue No.	50
LM End	4.65	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.375373 °	38.375373 °
				-121.546200 °	-121.546200 °
DWR ID	DWR_RD0999_05_s _ 2012_50				
Action/Comments					
Tree or limb Inspector Comments: Old tree limbs on landward shoulder blocking access.					

Photo 1 of 1 : SP\_2015\_RD0999\_236\_50\_20150309\_00043.jpg



Looking southwest at tree limbs on landward shoulder.

LM Start	4.67	Rating **	M	Issue No.	52
LM End	4.67	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.375478 °	38.375478 °
				-121.545852 °	-121.545852 °
DWR ID	DWR_RD0999_05_s _ 2012_52				
Action/Comments					
Trim trees to at least five feet above ground level.					

Photo 1 of 1 : SP\_2015\_RD0999\_236\_52\_20150327\_00155.jpg



Looking west at untrimmed trees on landward toe. (Spring 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**

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2015

### Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Elk Slough	Right	9.48	03/24/2015 03/26/2015	Richard Willoughby

LM Start	4.68	Rating **	M	Issue No.	46
LM End	4.68	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.375548 °	38.375548 °
				-121.545693 °	-121.545693 °
DWR ID	DWR_RD0999_05_f_2012_46				
Action/Comments					
Pipe					
Inspector Comments: Pipe is disconnected from pump and should be reconnected or removed.					

Photo 1 of 1 : SP\_2015\_RD0999\_236\_46\_20150309\_00042.jpg



Looking east at pipe disconnected from pump.

LM Start	4.69	Rating **	A/W	Issue No.	63
LM End	4.71	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.375566 °	38.375775 °
				-121.545676 °	-121.545255 °
DWR ID	DWR_RD0999_05_s_2012_63				
Action/Comments					
Trim and thin trees to allow visibility of the ground and room to flood fight.					

No Photos

LM Start	4.71	Rating **	A/W	Issue No.	61
LM End	4.75	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.375769 °	38.376074 °
				-121.545258 °	-121.544799 °
DWR ID	DWR_RD0999_05_f_2012_61				
Action/Comments					
Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comments: Dense vegetation at landside toe.					

No Photos

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

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2015

### Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Elk Slough	Right	9.48	03/24/2015 03/26/2015	Richard Willoughby

LM Start	4.76	Rating **	A/W	Issue No.	154
LM End	4.76	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability				°
					°
DWR ID	DWR_RD0999_05_f_2013_154				
Action/Comments					
Repair the levee slope damaged by vehicle traffic and prevent access where possible.					
Inspector Comments: Levee damaged by vehicle traffic.					

Photo 1 of 1 : SP\_2015\_RD0999\_236\_154\_20150309\_00096.jpg



Looking west at levee damage due to vehicle traffic.

LM Start	4.78	Rating **	A/W	Issue No.	64
LM End	4.78	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.376432 °	38.376432 °
				-121.544382 °	-121.544382 °
DWR ID	DWR_RD0999_05_s_2012_64				
Action/Comments					
Trim trees to at least five feet above ground level.					

No Photos

LM Start	4.81	Rating **	M	Issue No.	54
LM End	4.81	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.376717 °	38.376717 °
				-121.544017 °	-121.544017 °
DWR ID	DWR_RD0999_05_s_2012_54				
Action/Comments					
Trim trees over roadway to at least 12 feet above ground level.					

No Photos

* 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**

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2015

### Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Elk Slough	Right	9.48	03/24/2015 03/26/2015	Richard Willoughby

LM Start	5.07	Rating **	M	Issue No.	65
LM End	5.07	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.379711 °	38.379711 °
				-121.541070 °	-121.541070 °
DWR ID	DWR_RD0999_05_s _ 2012_65				
Action/Comments					
Prunings					
Inspector Comments: Prunings on landside slope.					

Photo 1 of 1 : SP\_2015\_RD0999\_236\_65\_20150327\_00156.jpg



Looking north at prunings on landward slope. (Spring 2015)

LM Start	5.41	Rating **	M	Issue No.	138
LM End	5.41	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.381740 °	38.381740 °
				-121.545864 °	-121.545864 °
DWR ID	DWR_RD0999_05_s _ 2014_138				
Action/Comments					
Material					
Inspector Comments: Concrete rubble dumped on waterward slope.					

Photo 1 of 1 : SP\_2015\_RD0999\_236\_138\_20150309\_00085.jpg



Looking northeast at concrete rubble on waterward slope.

LM Start	5.47	Rating **	U	Issue No.	67
LM End	5.52	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.382454 °	38.383141 °
				-121.546579 °	-121.546870 °
DWR ID	DWR_RD0999_05_s _ 2012_67				
Action/Comments					
Trim trees to at least five feet above ground level.					

Photo 1 of 1 : SP\_2015\_RD0999\_236\_67\_20150309\_00051.jpg



Looking north at dense vegetation on landward shoulder and slope.

<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**

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2015

### Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Elk Slough	Right	9.48	03/24/2015 03/26/2015	Richard Willoughby

LM Start	5.48	Rating **	M	Issue No.	68
LM End	5.48	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.382553 °	38.382553 °
				-121.546651 °	-121.546651 °
DWR ID	DWR_RD0999_05_s _ 2012_68				
Action/Comments					
Trim trees to at least five feet above ground level.					

Photo 1 of 1 : SP\_2015\_RD0999\_236\_68\_20150327\_00158.jpg



Looking northeast at untrimmed trees on landward slope. (Spring 2015)

LM Start	5.49	Rating **	M	Issue No.	70
LM End	5.49	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.382698 °	38.382698 °
				-121.546711 °	-121.546711 °
DWR ID	DWR_RD0999_05_s _ 2012_70				
Action/Comments					
Trim and thin trees to allow visibility of the ground and room to flood fight.					

Photo 1 of 1 : SP\_2015\_RD0999\_236\_70\_20150309\_00052.jpg



Looking southwest at untrimmed tree on waterside shoulder and slope.

LM Start	5.50	Rating **	U	Issue No.	71
LM End	5.55	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.382790 °	38.383548 °
				-121.546754 °	-121.546728 °
DWR ID	DWR_RD0999_05_s _ 2012_71				
Action/Comments					
Remove the wild growth other than native grasses from the levee slopes.					

Photo 1 of 1 : SP\_2015\_RD0999\_236\_71\_20150309\_00053.jpg



Looking northeast at dense vegetation on waterside slope.

* 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**

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2015

### Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Elk Slough	Right	9.48	03/24/2015 03/26/2015	Richard Willoughby

LM Start	5.56	Rating **	M	Issue No.	203
LM End	5.61	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.383740 °	38.384218 °
				-121.546628 °	-121.546095 °
DWR ID	DWR_RD0999_05_f_2014_203				
Action/Comments					
Trim trees to at least five feet above ground level.					

No Photos

LM Start	5.58	Rating **	M	Issue No.	182
LM End	5.58	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.383911 °	38.383911 °
				-121.546516 °	-121.546516 °
DWR ID	DWR_RD0999_05_s_2015_182				
Action/Comments					
Trim trees over roadway to at least 12 feet above ground level.					

No Photos

LM Start	5.58	Rating **	A/W	Issue No.	192
LM End	5.58	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.383978 °	38.383978 °
				-121.546435 °	-121.546435 °
DWR ID	DWR_RD0999_05_s_2014_192				
Action/Comments					
Prunings					
Inspector Comments: Landowner pile prunings on landside slope.					

Photo 1 of 1 : SP\_2015\_RD0999\_236\_192\_20150309\_00105.jpg



Looking west at prunings on landward slope and 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**

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2015

### Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Elk Slough	Right	9.48	03/24/2015 03/26/2015	Richard Willoughby

LM Start	5.80	Rating **	M	Issue No.	48
LM End	5.84	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.384718 °	38.384930 °
				-121.542590 °	-121.541883 °
DWR ID	DWR_RD0999_05_s_2012_48				
Action/Comments					
Remove the wild growth other than native grasses from the levee slopes.					

Photo 1 of 1 : SP\_2015\_RD0999\_236\_48\_20150327\_00159.jpg



Looking east at dense vegetation on landward slope. (Spring 2015)

LM Start	5.84	Rating **	A/W	Issue No.	59
LM End	5.84	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.384867 °	38.384867 °
				-121.541845 °	-121.541845 °
DWR ID	DWR_RD0999_05_s_2012_59				
Action/Comments					
Exterminate rodents and backfill and compact or grout burrows.					

No Photos

LM Start	5.93	Rating **	M	Issue No.	39
LM End	5.93	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.385729 °	38.385729 °
				-121.540863 °	-121.540863 °
DWR ID	DWR_RD0999_05_s_2013_39				
Action/Comments					
Tree or limb					
Inspector Comments: Large downed trees and limbs on landside slope and toe. District is in the process of removing tree branches and limbs from landward slope.					

Photo 1 of 5 : SP\_2015\_RD0999\_236\_39\_20150327\_00160.jpg



Looking south at fallen tree on landward slope. (Spring 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**

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2015

### Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Elk Slough	Right	9.48	03/24/2015 03/26/2015	Richard Willoughby

LM Start	5.93	Rating **	M	Issue No.	39 (cont)
LM End	5.93	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.385729 °	38.385729 °
				-121.540863 °	-121.540863 °
DWR ID	DWR_RD0999_05_s_2013_39				
Action/Comments					
Tree or limb Inspector Comments: Large downed trees and limbs on landside slope and toe. District is in the process of removing tree branches and limbs from landward slope.					

Photo 2 of 5 : SP\_2015\_RD0999\_236\_39\_20150327\_00161.jpg



Looking west at fallen tree on landward slope and toe. (Spring 2015)

Photo 3 of 5 : SP\_2015\_RD0999\_236\_39\_20150309\_00032.jpg



Looking southwest at downed tree on landward toe. (Fall 2014)

Photo 4 of 5 : SP\_2015\_RD0999\_236\_39\_20150309\_00033.jpg



Looking west at large tree on landside slope and toe.

LM Start	<b>5.93</b>	Rating **	M	Issue No.	<b>39 (cont)</b>
LM End	<b>5.93</b>	Issue Type +	Ma	Location *	LS

LM Start	<b>5.93</b>	Rating **	M	Issue No.	<b>39 (cont)</b>
LM End	<b>5.93</b>	Issue Type +	Ma	Location *	LS

<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**

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2015

### Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Elk Slough	Right	9.48	03/24/2015 03/26/2015	Richard Willoughby

LM Start	5.93	Rating **	M	Issue No.	39 (cont)
LM End	5.93	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.385729 °	38.385729 °
				-121.540863 °	-121.540863 °
DWR ID	DWR_RD0999_05_s _ 2013_39				
Action/Comments					
Tree or limb Inspector Comments: Large downed trees and limbs on landside slope and toe. District is in the process of removing tree branches and limbs from landward slope.					

Photo 5 of 5 : SP\_2015\_RD0999\_236\_39\_20150309\_00034.jpg



Looking northwest at large tree limb on landside toe and slope.

LM Start	6.13	Rating **	M	Issue No.	60
LM End	6.13	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.388225 °	38.388225 °
				-121.542697 °	-121.542697 °
DWR ID	DWR_RD0999_05_s _ 2012_60				
Action/Comments					
Trim and thin trees to allow visibility of the ground and room to flood fight.					

Photo 1 of 1 : SP\_2015\_RD0999\_236\_60\_20150327\_00162.jpg



Looking north at dense trees on landward slope. (Spring 2015)

LM Start	6.20	Rating **	A/W	Issue No.	74
LM End	6.25	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.389116 °	38.389766 °
				-121.542986 °	-121.542673 °
DWR ID	DWR_RD0999_05_s _ 2012_74				
Action/Comments					
Prunings					
Inspector Comments: Prunings are outside the twenty foot zone should be burned or removed from waterward slope.					

Photo 1 of 1 : SP\_2015\_RD0999\_236\_74\_20150309\_00055.jpg



Looking southeast at prunings on waterward slope.

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

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

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



**Flood Control Project Maintenance  
Levee Inspections**

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2015

### Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Elk Slough	Right	9.48	03/24/2015 03/26/2015	Richard Willoughby

LM Start	6.20	Rating **	A/W	Issue No.	115
LM End	6.24	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Crown Surface / Depressions / Rutting			38.389182 °	38.389725 °
				-121.542982 °	-121.542732 °
DWR ID	DWR_RD0999_05_s _ 2012_115				
Action/Comments					
Repair depressions or ruts in the crown or slope.					

No Photos

LM Start	6.22	Rating **	M	Issue No.	183
LM End	6.22	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.389392 °	38.389392 °
				-121.542958 °	-121.542958 °
DWR ID	DWR_RD0999_05_s _ 2015_183				
Action/Comments					
Thin trees to allow visibility of the ground and room to flood fight.					

No Photos

LM Start	6.26	Rating **	M	Issue No.	90
LM End	6.26	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Repair Gates			38.389851 °	38.389851 °
				-121.542583 °	-121.542583 °
DWR ID	DWR_RD0999_05_f _ 2012_90				
Action/Comments					
Inspector Comments: Gate should be repaired or removed.					

Photo 1 of 1 : SP\_2015\_RD0999\_236\_90\_20150309\_00062.jpg



Looking northwest at damaged gate on levee crown.

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

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

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

**Flood Control Project Maintenance  
Levee Inspections**

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2015

### Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Elk Slough	Right	9.48	03/24/2015 03/26/2015	Richard Willoughby

LM Start	6.34	Rating **	A/W	Issue No.	75
LM End	6.43	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.390541 °	38.391396 °
				-121.541360 °	-121.540038 °
DWR ID	DWR_RD0999_05_s _ 2012_75				
Action/Comments					
Trim and thin trees to allow visibility of the ground and room to flood fight.					

No Photos

LM Start	6.48	Rating **	M	Issue No.	92
LM End	6.48	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.391776 °	38.391776 °
				-121.539295 °	-121.539295 °
DWR ID	DWR_RD0999_05_s _ 2012_92				
Action/Comments					
Prunings					

Photo 1 of 1 : SP\_2015\_RD0999\_236\_92\_20150309\_00063.jpg



Looking east prunings on landward slope.

LM Start	6.73	Rating **	M	Issue No.	96
LM End	6.73	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.395234 °	38.395234 °
				-121.539323 °	-121.539323 °
DWR ID	DWR_RD0999_05_s _ 2012_96				
Action/Comments					
Material					
Inspector Comments: Firewood and other material on landside shoulder.					

Photo 1 of 4 : SP\_2015\_RD0999\_236\_96\_20150309\_00065.jpg



Fence, firewood and material at landside shoulder.

* 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**

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2015

### Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Elk Slough	Right	9.48	03/24/2015 03/26/2015	Richard Willoughby

LM Start	6.73	Rating **	M	Issue No.	96 (cont)
LM End	6.73	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.395234 °	38.395234 °
				-121.539323 °	-121.539323 °
DWR ID	DWR_RD0999_05_s_2012_96				
Action/Comments					
Material					
Inspector Comments: Firewood and other material on landside shoulder.					

Photo 2 of 4 : SP\_2015\_RD0999\_236\_96\_20150309\_00066.jpg



Looking northeast at firewood and other material on landside shoulder.  
(Spring 2012)

LM Start	<b>6.73</b>	Rating **	M	Issue No.	<b>96 (cont)</b>
LM End	<b>6.73</b>	Issue Type +	Ma	Location *	LS

Photo 3 of 4 : SP\_2015\_RD0999\_236\_96\_20150309\_00067.jpg



Looking south at firewood and other material on landside shoulder and crown.

LM Start	<b>6.73</b>	Rating **	M	Issue No.	<b>96 (cont)</b>
LM End	<b>6.73</b>	Issue Type +	Ma	Location *	LS

Photo 4 of 4 : SP\_2015\_RD0999\_236\_96\_20150309\_00068.jpg



Looking north at firewood and other material on landside shoulder and crown.

* 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**

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2015

### Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Elk Slough	Right	9.48	03/24/2015 03/26/2015	Richard Willoughby

LM Start	6.79	Rating **	C	Issue No.	141
LM End	6.79	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments				°
					°
DWR ID	DWR_RD0999_05_s_2013_141				
Action/Comments					
Prunings					

No Photos

LM Start	6.85	Rating **	M	Issue No.	204
LM End	7.49	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.396379 °	38.403600 °
				-121.537814 °	-121.540311 °
DWR ID	DWR_RD0999_05_f_2014_204				
Action/Comments					
Trim trees to at least five feet above ground level.					
Inspector Comments: Trees at landward toe blocking visibility.					

No Photos

LM Start	6.95	Rating **	A/W	Issue No.	142
LM End	6.95	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.396958 °	38.396958 °
				-121.536148 °	-121.536148 °
DWR ID	DWR_RD0999_05_s_2013_142				
Action/Comments					
Prunings					
Inspector Comments: Large pruning pile on landward shoulder and slope.					

Photo 1 of 1 : SP\_2015\_RD0999\_236\_142\_20150309\_00087.jpg



Looking northeast at large prunings on landward slope.

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

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

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

**Flood Control Project Maintenance  
Levee Inspections**

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2015

### Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Elk Slough	Right	9.48	03/24/2015 03/26/2015	Richard Willoughby

LM Start	7.15	Rating **	M	Issue No.	184
LM End	7.15	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.399761 °	38.399761 °
				-121.536565 °	-121.536565 °
DWR ID	DWR_RD0999_05_s _ 2015_184				
Action/Comments					
Trim trees to at least five feet above ground level.					

No Photos

LM Start	7.47	Rating **	C	Issue No.	116
LM End	7.47	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.403443 °	38.403443 °
				-121.540007 °	-121.540007 °
DWR ID	DWR_RD0999_05_s _ 2012_116				
Action/Comments					
Prunings					

No Photos

LM Start	8.03	Rating **	M	Issue No.	185
LM End	8.03	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.409324 °	38.409324 °
				-121.541223 °	-121.541223 °
DWR ID	DWR_RD0999_05_s _ 2015_185				
Action/Comments					
Prunings					
Inspector Comments: Garbage within prunings piles.					

Photo 1 of 1 : SP\_2015\_RD0999\_236\_185\_20150327\_00163.jpg



Looking west at pruning piles on landward slope. (Spring 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**

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2015

### Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Elk Slough	Right	9.48	03/24/2015 03/26/2015	Richard Willoughby

LM Start	8.14	Rating **	M	Issue No.	117
LM End	8.14	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.409855 °	38.409855 °
				-121.539382 °	-121.539382 °
DWR ID	DWR_RD0999_05_s _ 2012_117				
Action/Comments					
Trim trees to at least five feet above ground level.					

No Photos

LM Start	8.14	Rating **	M	Issue No.	205
LM End	8.14	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.409876 °	38.409876 °
				-121.539348 °	-121.539348 °
DWR ID	DWR_RD0999_05_f _ 2014_205				
Action/Comments					
Trim trees over roadway to at least 12 feet above ground level.					

No Photos

LM Start	8.22	Rating **	M	Issue No.	206
LM End	8.22	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.409679 °	38.409679 °
				-121.537920 °	-121.537920 °
DWR ID	DWR_RD0999_05_f _ 2014_206				
Action/Comments					
Trim trees to at least five feet above ground level.					

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**

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2015

### Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Elk Slough	Right	9.48	03/24/2015 03/26/2015	Richard Willoughby

LM Start	8.22	Rating **	M	Issue No.	118
LM End	8.22	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.409665 °	38.409665 °
				-121.537898 °	-121.537898 °
DWR ID	DWR_RD0999_05_s _ 2012_118				
Action/Comments					
Trim trees to at least five feet above ground level.					

No Photos

LM Start	8.24	Rating **	A/W	Issue No.	119
LM End	8.24	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.409580 °	38.409580 °
				-121.537587 °	-121.537587 °
DWR ID	DWR_RD0999_05_s _ 2012_119				
Action/Comments					
Prunings					

No Photos

LM Start	8.26	Rating **	A/W	Issue No.	120
LM End	8.31	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.409467 °	38.409145 °
				-121.537157 °	-121.536390 °
DWR ID	DWR_RD0999_05_s _ 2012_120				
Action/Comments					
Trim trees to at least five feet above ground level.					

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**

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2015

### Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Elk Slough	Right	9.48	03/24/2015 03/26/2015	Richard Willoughby

LM Start	8.27	Rating **	A/W	Issue No.	69
LM End	9.43	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.409445 °	38.413717 °
				-121.536980 °	-121.523813 °
DWR ID	DWR_RD0999_05_s _ 2012_69				
Action/Comments					
Exterminate rodents and backfill and compact or grout burrows.					

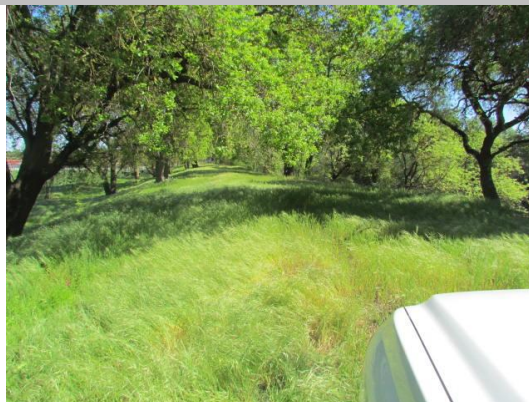
No Photos

LM Start	8.29	Rating **	M	Issue No.	194
LM End	8.31	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.409306 °	38.409184 °
				-121.536714 °	-121.536436 °
DWR ID	DWR_RD0999_05_s _ 2014_194				
Action/Comments					
Trim trees to at least five feet above ground level.					

No Photos

LM Start	8.42	Rating **	M	Issue No.	186
LM End	8.75	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.408623 °	38.411767 °
				-121.534525 °	-121.530079 °
DWR ID	DWR_RD0999_05_s _ 2015_186				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements. Inspector Comments: Tall grasses on levee crown should be controlled.					

Photo 1 of 1 : SP\_2015\_RD0999\_236\_186\_20150327\_00164.jpg



Looking east at levee crown. (Spring 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**

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2015

### Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Elk Slough	Right	9.48	03/24/2015 03/26/2015	Richard Willoughby

LM Start	8.52	Rating **	C	Issue No.	121
LM End	8.52	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.409637 °	38.409637 °
				-121.533312 °	-121.533312 °
DWR ID	DWR_RD0999_05_s _ 2012_121				
Action/Comments					
Tree or limb					

No Photos

LM Start	8.53	Rating **	A/W	Issue No.	122
LM End	8.53	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.409700 °	38.409700 °
				-121.533217 °	-121.533217 °
DWR ID	DWR_RD0999_05_s _ 2012_122				
Action/Comments					
Tree or limb					

No Photos

LM Start	8.61	Rating **	M	Issue No.	123
LM End	8.61	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.410434 °	38.410434 °
				-121.532050 °	-121.532050 °
DWR ID	DWR_RD0999_05_s _ 2012_123				
Action/Comments					
Trim trees over roadway to at least 12 feet above ground level.					

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**

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2015

### Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Elk Slough	Right	9.48	03/24/2015 03/26/2015	Richard Willoughby

LM Start	8.63	Rating **	M	Issue No.	208
LM End	8.63	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.410650 °	38.410650 °
				-121.531635 °	-121.531635 °
DWR ID	DWR_RD0999_05_f_2014_208				
Action/Comments					
Trim trees over roadway to at least 12 feet above ground level.					

No Photos

LM Start	8.75	Rating **	A/W	Issue No.	91
LM End	8.75	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.411567 °	38.411567 °
				-121.529902 °	-121.529902 °
DWR ID	DWR_RD0999_05_s_2012_91				
Action/Comments					
Trim trees to at least five feet above ground level.					

No Photos

LM Start	8.78	Rating **	A/W	Issue No.	108
LM End	8.78	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.412053 °	38.412053 °
				-121.529752 °	-121.529752 °
DWR ID	DWR_RD0999_05_s_2012_108				
Action/Comments					
Prunings					

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**

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2015

### Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Elk Slough	Right	9.48	03/24/2015 03/26/2015	Richard Willoughby

LM Start	9.00	Rating **	M	Issue No.	209
LM End	9.03	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.415201 °	38.415628 °
				-121.529612 °	-121.529262 °
DWR ID	DWR_RD0999_05_f_2014_209				
Action/Comments					
Trim trees over roadway to at least 12 feet above ground level.					

No Photos

LM Start	9.17	Rating **	M	Issue No.	109
LM End	9.19	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.415495 °	38.415278 °
				-121.527217 °	-121.527005 °
DWR ID	DWR_RD0999_05_s_2012_109				
Action/Comments					
Trim trees to at least five feet above ground level.					

No Photos

LM Start	9.25	Rating **	A/W	Issue No.	110
LM End	9.30	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.414550 °	38.413940 °
				-121.526398 °	-121.525902 °
DWR ID	DWR_RD0999_05_s_2012_110				
Action/Comments					
Trim trees to at least five feet above ground level.					

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**

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2015

### Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Elk Slough	Right	9.48	03/24/2015 03/26/2015	Richard Willoughby

LM Start	9.32	Rating **	M	Issue No.	112
LM End	9.35	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.413673 °	38.413412 °
				-121.525558 °	-121.525190 °
DWR ID	DWR_RD0999_05_s _ 2012_112				
Action/Comments					
Thin trees to allow visibility of the ground and room to flood fight.					

No Photos

LM Start	9.39	Rating **	M	Issue No.	114
LM End	9.39	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.413377 °	38.413377 °
				-121.524500 °	-121.524500 °
DWR ID	DWR_RD0999_05_s _ 2012_114				
Action/Comments					
Elderberries are blocking visibility and flood fight capability.					

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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