

**Flood Control Project Maintenance  
Levee Inspections**

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2021

### Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Yolo Bypass	Left	15.41	03/22/2021 03/22/2021	Saskia Donovan

LM Start	<b>0.00</b>	Rating **	A	Issue No.	<b>53</b>
LM End	<b>0.00</b>	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				
Comment Code					
Inspector Comment					
The LMA has a copy of the O & M manual on file.					

No Photos

LM Start	<b>0.00</b>	Rating **	A	Issue No.	<b>54</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	N/A
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Emergency Supplies & Equipment			°	°
DWR ID	DWR_RD0999_01_s_2019_54				
Comment Code					
Inspector Comment					
The LMA has adequate floodfight supplies and equipment on hand.					

No Photos

LM Start	<b>0.00</b>	Rating **	A	Issue No.	<b>55</b>
LM End	<b>0.00</b>	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				
Comment Code					
Inspector Comment					
The LMA is prepared for responding to floods and has received training in 2020.					

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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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Yolo Bypass	Left	15.41	03/22/2021 03/22/2021	Saskia Donovan

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				
Comment Code					
V4 : Elderberries are blocking visibility and flood fight capability.					
Inspector Comment					

No Photos

LM Start	0.50	Rating **	C	Issue No.	86
LM End	0.55	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.497893 °	38.497118 °
				-121.581790 °	-121.581718 °
DWR ID	DWR_RD0999_01_f_2020_86				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					
The bull thistle has been removed. Spring 2021.					

No Photos

LM Start	0.77	Rating **	C	Issue No.	98
LM End	0.87	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.493925 °	38.492433 °
				-121.581577 °	-121.581463 °
DWR ID	DWR_RD0999_01_s_2020_98				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					
The bull thistle has been removed. Spring 2021.					

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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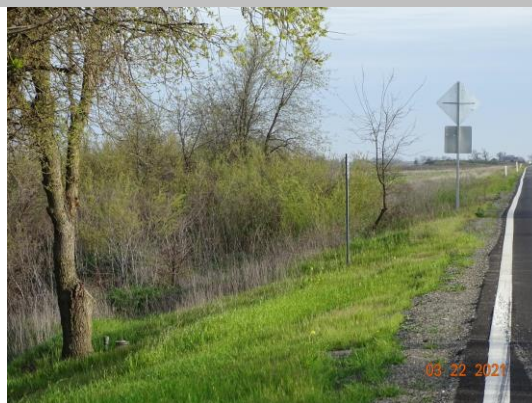
Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Yolo Bypass	Left	15.41	03/22/2021 03/22/2021	Saskia Donovan

LM Start	1.69	Rating **	M	Issue No.	97
LM End	1.72	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.480560 °	38.480210 °
				-121.580867 °	-121.580845 °
DWR ID	DWR_RD0999_01_s_2020_97				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					

No Photos

LM Start	1.70	Rating **	M	Issue No.	95
LM End	1.70	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.480414 °	38.480414 °
				-121.580841 °	-121.580841 °
DWR ID	DWR_RD0999_01_s_2020_95				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					
Remove bull thistle and Arundo.					

Photo 1 of 1 : SP\_2021\_RD0999\_232\_95\_20210405\_00083.jpg



View of the Arundo on the WS levee slope. Spring 2021.

**\* 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  
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Levee Inspections**

**Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2021**

**Reclamation District No. 0999 Netherlands**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Yolo Bypass	Left	15.41	03/22/2021 03/22/2021	Saskia Donovan

LM Start	<b>1.73</b>	Rating **	M	Issue No.	<b>2</b>
LM End	<b>1.73</b>	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		38.480097 °	38.480097 °	
			-121.580844 °	-121.580844 °	
DWR ID	22743				

**Comment Code**

**Inspector Comment**

FS\_ID:61245  
DS\_ID:22743  
EP\_NO: N/A  
Repair Type: Non-Urgent  
Crossing Status: Found  
UCIP Comments: 06/16/2020 Record remains Non-Urgent. Unauthorized encroachment recorded in Levee Log prior to 2011. No permit has been identified authorizing pipe. Crossing appears abandoned. (D.Sanoski - DWR UCIP) 07/26/2018 Same as last inspection. Pipe open on WS, but no visual signs of pipe or levee integrity issues so downgrading crossing to Non-Urgent (D. Sanoski - DWR UCIP). 07/07/2016 Condition largely unchanged from previous inspection. Pipe open on the WS, waterward of the siphon breaker. Dense vegetation and steep slope limited inspection of WS outlet into Ship Channel. (T. Hatch/UCIP)  
06/25/2013 Pipe abandoned and open on WS slope. Pipe should be abandoned properly. (W. Wylie/UCIP)  
FIELD\_STRUCT\_DESC: \*ABANDONED\* 30-inch steel drainage pipe through the levee, 6.5 feet below the crown. Pump on a platform in the canal off the landside (LS) toe, not found. Flap gate on the waterside (WS), not found. Siphon breaker and an air vent on the WS shoulder. 1-inch galvanized iron filler pipe visible on the WS shoulder along same alignment. [Additional Reference(s): DWR Levee Log, 1992. USACE Sacramento O&M Manual 113 (Revised), October 1966, (HLM 1.73)].  
FS Date: 6/16/2020 2:16:00 PM

LM Start	<b>1.73</b>	Rating **	M	Issue No.	<b>2 (cont)</b>
LM End	<b>1.73</b>	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP\_SP\_2021\_61245\_25191.jpg



Pipe open on WS slope

Photo 2 of 3 : UCIP\_SP\_2021\_61245\_25190.jpg



Pump platform visible off LS toe, but no appurtenances remain.

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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Yolo Bypass	Left	15.41	03/22/2021 03/22/2021	Saskia Donovan

LM Start	<b>1.73</b>	Rating **	M	Issue No.	<b>2 (cont)</b>
LM End	<b>1.73</b>	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.480097 °	38.480097 °
				-121.580844 °	-121.580844 °
DWR ID	22743				

Photo 3 of 3 : UCIP\_SP\_2021\_61245\_25189.jpg



Pump platform visible off LS toe, but no appurtenances remain.

LM Start	1.79	Rating **	C	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 °	38.475517 °
				-121.580640 °	-121.580575 °
DWR ID	DWR_RD0999_01_s_2012_30				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

LM Start	1.90	Rating **	M	Issue No.	96
LM End	1.95	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.477612 °	38.476803 °
				-121.580761 °	-121.580670 °
DWR ID	DWR_RD0999_01_s_2020_96				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					

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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## Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2021

### Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Yolo Bypass	Left	15.41	03/22/2021 03/22/2021	Saskia Donovan

LM Start	3.22	Rating **	M	Issue No.	51
LM End	3.22	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.459399 °	38.459399 °
				-121.587523 °	-121.587523 °
DWR ID	DWR_RD0999_01_s_2013_51				
Comment Code					
S1 : Repair slope instability.					
Inspector Comment					
Repair depression on landward shoulder and slope approximately 40' x 20'. Earthen material appears to be sliding toward levee toe.					

Photo 1 of 1 : SP\_2021\_RD0999\_232\_51\_20210405\_00084.jpg



View of the depression on the LS levee slope. Spring 2021.

LM Start	3.60	Rating **	A/W	Issue No.	83
LM End	3.60	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.454218 °	38.454218 °
				-121.589922 °	-121.589922 °
DWR ID	DWR_RD0999_01_f_2020_83				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					
Monitor animal activity in the area.					

No Photos

LM Start	3.93	Rating **	A/W	Issue No.	28
LM End	3.93	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.449753 °	38.449753 °
				-121.592023 °	-121.592023 °
DWR ID	DWR_RD0999_01_s_2021_28				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

Photo 1 of 1 : SP\_2021\_RD0999\_232\_28\_20210405\_00085.jpg



View of the signs of rodent activity. Spring 2021.

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

**\*\* Rating**  
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**+ Issue Type**  
Ma : Maintenance Deficiency  
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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Yolo Bypass	Left	15.41	03/22/2021 03/22/2021	Saskia Donovan

LM Start	3.97	Rating **	M	Issue No.	82
LM End	3.97	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.449217 °	38.449217 °
				-121.592267 °	-121.592267 °
DWR ID	DWR_RD0999_01_f_2020_82				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

Photo 1 of 1 : SP\_2021\_RD0999\_232\_82\_20210308\_00038.jpg



View of animal holes at the waterside toe. Fall 2020

LM Start	4.04	Rating **	M	Issue No.	80
LM End	4.04	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.448275 °	38.448275 °
				-121.592692 °	-121.592692 °
DWR ID	DWR_RD0999_01_f_2020_80				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

Photo 1 of 1 : SP\_2021\_RD0999\_232\_80\_20210308\_00037.jpg



View of animal holes at the waterside toe. Fall 2020

LM Start	4.16	Rating **	C	Issue No.	88
LM End	4.16	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.446640 °	38.446640 °
				-121.593457 °	-121.593457 °
DWR ID	DWR_RD0999_01_s_2020_88				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

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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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Yolo Bypass	Left	15.41	03/22/2021 03/22/2021	Saskia Donovan

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				
Comment Code					
T5 : Tree stumps.					
Inspector Comment					

Photo 1 of 1 : SP\_2021\_RD0999\_232\_14\_20210405\_00086.jpg



View of the tree stump on the WS levee slope. Spring 2021.

LM Start	6.63	Rating **	M	Issue No.	35
LM End	6.63	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.413010 °	38.413010 °
				-121.609040 °	-121.609040 °
DWR ID	DWR_RD0999_01_s_2021_35				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					
Bull thistle is growing on the LS levee slope. Spring 2021.					

Photo 1 of 1 : SP\_2021\_RD0999\_232\_35\_20210405\_00089.jpg



View of the bull thistle on the LS levee slope. Spring 2021.

LM Start	8.01	Rating **	M	Issue No.	74
LM End	8.01	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.394150 °	38.394150 °
				-121.617805 °	-121.617805 °
DWR ID	DWR_RD0999_01_s_2020_74				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					
Remove Arundo growth at the landside toe.					

Photo 1 of 1 : SP\_2021\_RD0999\_232\_74\_20210308\_00034.jpg



View of Arundo growth at the landside toe. Spring 2020

**\* 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  
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En : Enforcement



## Reclamation District No. 0999 Netherlands

No Photos

Photo 1 of 1 : SP\_2021\_RD0999\_232\_36\_20210405\_00093.jpg



View of the grassy crown. Spring 2021.

Photo 1 of 1 : SP\_2021\_RD0999\_232\_24\_20210308\_00005.jpg



View of large animal holes on the landside slope. Fall 2020

* 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	03/22/2021 03/22/2021	Saskia Donovan

LM Start	<b>9.67</b>	Rating **	C	Issue No.	<b>76</b>
LM End	<b>9.67</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.371632 °	38.371543 °
				-121.628232 °	-121.628298 °
DWR ID	DWR_RD0999_01_f_2020_76				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					

No Photos

LM Start	<b>9.70</b>	Rating **	C	Issue No.	<b>75</b>
LM End	<b>9.73</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.371212 °	38.370812 °
				-121.628457 °	-121.628635 °
DWR ID	DWR_RD0999_01_f_2020_75				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

LM Start	<b>12.68</b>	Rating **	A/W	Issue No.	<b>22</b>
LM End	<b>12.68</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.330118 °	38.330118 °
				-121.644847 °	-121.644847 °
DWR ID	DWR_RD0999_01_s_2020_22				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

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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Unit No. 01 Yolo Bypass	Left	15.41	03/22/2021 03/22/2021	Saskia Donovan

LM Start	13.17	Rating **	C	Issue No.	29
LM End	13.19	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Cracking			38.322938 °	38.322690 °
				-121.644940 °	-121.644953 °
DWR ID	DWR_RD0999_01_f_2019_29				
Comment Code					
CR1 : Monitor and have inspected by geotechnical engineer.					
Inspector Comment					
The cracks have been repaired. Spring 2021.					

No Photos

LM Start	13.26	Rating **	C	Issue No.	37
LM End	13.27	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Cracking			38.321620 °	38.321490 °
				-121.644968 °	-121.644968 °
DWR ID	DWR_RD0999_01_f_2019_37				
Comment Code					
CR1 : Monitor and have inspected by geotechnical engineer.					
Inspector Comment					
The cracks have been repaired. Spring 2021.					

No Photos

LM Start	13.27	Rating **	M	Issue No.	59
LM End	13.27	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.321530 °	38.321530 °
				-121.644925 °	-121.644925 °
DWR ID	DWR_RD0999_01_f_2020_59				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					
Backfill two large holes on the landside slope.					

Photo 1 of 1 : SP\_2021\_RD0999\_232\_59\_20210308\_00028.jpg



View of a large animal hole on the landside slope. Fall 2020

<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	03/22/2021 03/22/2021	Saskia Donovan

LM Start	13.29	Rating **	M	Issue No.	47
LM End	13.30	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.321180 °	38.321043 °
				-121.644962 °	-121.644960 °
DWR ID	DWR_RD0999_01_f_2020_47				
Comment Code					
S1 : Repair slope instability.					
Inspector Comment					
A separation of soil up to 12" deep and 40' long exists on the waterside slope.					

Photo 1 of 2 : SP\_2021\_RD0999\_232\_47\_20210308\_00020.jpg



View of soil separation on the waterside slope. Fall 2020

LM Start	<b>13.29</b>	Rating **	M	Issue No.	<b>47 (cont)</b>
LM End	<b>13.30</b>	Issue Type +	Ma	Location *	WS

Photo 2 of 2 : SP\_2021\_RD0999\_232\_47\_20210308\_00021.jpg



View of soil separation on the waterside slope. Fall 2020

LM Start	13.44	Rating **	C	Issue No.	38
LM End	13.45	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Cracking			38.319025 °	38.318867 °
				-121.644967 °	-121.644922 °
DWR ID	DWR_RD0999_01_f_2019_38				
Comment Code					
CR1 : Monitor and have inspected by geotechnical engineer.					
Inspector Comment					
The cracks have been repaired. Spring 2021.					

No Photos

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

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2021

### Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Yolo Bypass	Left	15.41	03/22/2021 03/22/2021	Saskia Donovan

LM Start	13.83	Rating **	M	Issue No.	16
LM End	13.83	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.313332 °	38.313332 °
				-121.644947 °	-121.644947 °
DWR ID	DWR_RD0999_01_s_2020_16				
Comment Code					
PR : Prunings					
Inspector Comment					
Remove prunings and tree debris from the landside toe.					

Photo 1 of 1 : SP\_2021\_RD0999\_232\_16\_20210308\_00002.jpg



View of prunings at the landside toe. Spring 2020

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				
Comment Code					
E1 : Note and monitor erosion site.					
Inspector Comment					
Repair caving, 4' x 10', on the landside slope.					

Photo 1 of 1 : SP\_2021\_RD0999\_232\_49\_20210308\_00002.jpg



View of caving on landward slope. Fall 2018

LM Start	15.06	Rating **	N	Issue No.	43
LM End	15.06	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.295526 °	38.295526 °
				-121.644993 °	-121.644993 °
DWR ID	DWR_RD0999_01_s_2021_43				
Comment Code					
T5 : Tree stumps.					
Inspector Comment					
The stump and small tree should be removed. Spring 2021.					

Photo 1 of 1 : SP\_2021\_RD0999\_232\_43\_20210405\_00095.jpg



View of the tree and stump at the WS levee toe. Spring 2021.

**\* 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 2021

### Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Yolo Bypass	Left	15.41	03/22/2021 03/22/2021	Saskia Donovan

LM Start	15.24	Rating **	A/W	Issue No.	18	
LM End	15.24	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			38.292973 °	38.292973 °	
				-121.644977 °	-121.644977 °	
DWR ID	22756					
Comment Code						
Inspector Comment						
FS_ID:61278 DS_ID:22756 EP_NO: N/A Repair Type: No Action Needed Crossing Status: Found UCIP Comments: 06/16/2020 Record updated from No Action Needed to Non-Urgent. Unauthorized encroachment recorded in Levee Log prior to 2011. No permit has been identified authorizing pipe. (D.Sanoski - DWR UCIP) FIELD_STRUCT_DESC: 30-inch steel drainage pipe through the levee, 7 feet below the crown. Flap gate on the waterside (WS) end. Pump in pump house on the landside (LS) toe. Siphon breaker in a corrugated metal pipe (CMP) riser on the WS shoulder. [Additional Reference(s): DWR Levee Log, 1992. USACE Sacramento O&M Manual 113 (Revised), October 1966, (HLM 15.25) (36-inch pipe listed)]. FS Date: 6/16/2020 2:26:00 PM						

LM Start	<b>15.24</b>	Rating **	A/W	Issue No.	<b>18 (cont)</b>
LM End	<b>15.24</b>	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP\_SP\_2021\_61278\_25227.jpg



Pumphouse on LS toe.

Photo 2 of 3 : UCIP\_SP\_2021\_61278\_25226.jpg



Siphon breaker in CMP riser on WS shoulder.

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

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2021

### Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Yolo Bypass	Left	15.41	03/22/2021 03/22/2021	Saskia Donovan

LM Start	15.24	Rating **	A/W	Issue No.	18 (cont)
LM End	15.24	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.292973 °	38.292973 °
				-121.644977 °	-121.644977 °
DWR ID	22756				

Photo 3 of 3 : UCIP\_SP\_2021\_61278\_25225.jpg



Closeup of pipe at pumphouse on LS toe.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable 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 2021

### Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Miner Slough	Right	2.31	03/22/2021 03/22/2021	Saskia Donovan

LM Start	0.06	Rating **	M	Issue No.	21
LM End	0.06	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.290434 °	38.290434 °
				-121.643873 °	-121.643873 °
DWR ID	DWR_RD0999_02_f_2017_21				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

Photo 1 of 1 : SP\_2021\_RD0999\_233\_21\_20210308\_00007.jpg



View of trees on landside slope looking north. Fall 2017

LM Start	0.47	Rating **	M	Issue No.	35
LM End	0.53	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.291473 °	38.291362 °
				-121.636694 °	-121.635629 °
DWR ID	DWR_RD0999_02_s_2020_35				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

Photo 1 of 1 : SP\_2021\_RD0999\_233\_35\_20210405\_00034.jpg



View of the trees on the WS levee slope. Spring 2021.

LM Start	0.73	Rating **	M	Issue No.	29
LM End	0.75	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.292733 °	38.292704 °
				-121.632325 °	-121.631994 °
DWR ID	DWR_RD0999_02_s_2020_29				
Comment Code					
T3 : Trim and thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comment					

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 2021

### Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Miner Slough	Right	2.31	03/22/2021 03/22/2021	Saskia Donovan

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				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					
Remove the Century plant on the landside slope.					

Photo 1 of 1 : SP\_2021\_RD0999\_233\_14\_20210308\_00005.jpg



Looking north at century plant at landward toe. Fall 2015.

LM Start	0.84	Rating **	U	Issue No.	18
LM End	0.84	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.292363 °	38.292363 °
				-121.630472 °	-121.630472 °
DWR ID	DWR_RD0999_02_s_2021_18				
Comment Code					
V7 : Trees / Woody Vegetation					
Inspector Comment					
There are several downed trees on the LS slope that need to be removed. Spring 2021.					

Photo 1 of 1 : SP\_2021\_RD0999\_233\_18\_20210405\_00033.jpg



View of the fallen trees on the LS levee slope. Spring 2021.

LM Start	1.15	Rating **	M	Issue No.	26
LM End	1.15	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.291070 °	38.291070 °
				-121.625118 °	-121.625118 °
DWR ID	DWR_RD0999_02_s_2020_26				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

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 2021

### Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Miner Slough	Right	2.31	03/22/2021 03/22/2021	Saskia Donovan

LM Start	1.24	Rating **	M	Issue No.	34
LM End	1.24	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.291370 °	38.291370 °
				-121.623467 °	-121.623467 °
DWR ID	DWR_RD0999_02_s_2019_34				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

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				
Comment Code					
V4 : Elderberries are blocking visibility and flood fight capability.					
Inspector Comment					

No Photos

LM Start	1.78	Rating **	M	Issue No.	30
LM End	1.81	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.289340 °	38.289079 °
				-121.614030 °	-121.613765 °
DWR ID	DWR_RD0999_02_f_2017_30				
Comment Code					
V4 : Elderberries are blocking visibility and flood fight capability.					
Inspector Comment					
Elderberry bushes block visibility of the levee toe.					

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 2021

### Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Miner Slough	Right	2.31	03/22/2021 03/22/2021	Saskia Donovan

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				
Comment Code					
V4 : Elderberries are blocking visibility and flood fight capability.					
Inspector Comment					

No Photos

LM Start	1.97	Rating **	A/W	Issue No.	33
LM End	1.97	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.288712 °	38.288712 °
				-121.610920 °	-121.610920 °
DWR ID	DWR_RD0999_02_s_2017_33				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					
Monitor animal activity.					

No Photos

LM Start	2.10	Rating **	C	Issue No.	15
LM End	2.10	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.288712 °	38.288712 °
				-121.608575 °	-121.608575 °
DWR ID	DWR_RD0999_02_s_2020_15				
Comment Code					
T3 : Trim and thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comment					

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 2021**

**Reclamation District No. 0999 Netherlands**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Sutter Slough	Right	3.74	03/23/2021 03/23/2021	Saskia Donovan

LM Start	0.04	Rating **	M	Issue No.	32
LM End	0.04	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.287040 °	38.287040 °
				-121.605667 °	-121.605667 °
DWR ID	DWR_RD0999_03_f_2017_32				
Comment Code					
PR : Prunings					
Inspector Comment					
Remove the large pruning pile on the waterside slope.					

Photo 1 of 1 : SP\_2021\_RD0999\_234\_32\_20210308\_00013.jpg



View of waterside slope looking east. Fall 2017

LM Start	0.06	Rating **	M	Issue No.	17
LM End	0.06	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.287290 °	38.287290 °
				-121.605472 °	-121.605472 °
DWR ID	DWR_RD0999_03_s_2017_17				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					
Remove Century plants that are not allowed on the waterward slope.					

Photo 1 of 1 : SP\_2021\_RD0999\_234\_17\_20210308\_00008.jpg



Looking east at century plants 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 2021**

**Reclamation District No. 0999 Netherlands**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Sutter Slough	Right	3.74	03/23/2021 03/23/2021	Saskia Donovan

LM Start	0.24	Rating **	U	Issue No.	5
LM End	0.65	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2017 USACE Erosion Survey			38.289634 °	38.295505 °
				-121.604343 °	-121.605648 °
DWR ID	DWR_RD0999_03_s_2019_5				
Comment Code					
Inspector Comment					
2017 Site ID: STR 24.7 R					
Status: Critical					
2017 Field Notes: Locals have placed rock in worst sections. Fresh erosion at toe. New tall vertical sections observed.					
Site History: 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. 2015 - New slumping, tall vertical sections. 2016 - Upper slumped section continues to worsen. Fall 2019 DWR Inspection: Dense vegetation covers the lower half of the slope and erosion. Roughly 5-10' of the upper slope is accessible.					

Photo 1 of 1 : SP\_2021\_RD0999\_234\_5\_20210308\_00001.jpg



View of waterside slope at LM 0.59 looking downstream. Fall 2020

LM Start	0.66	Rating **	U	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				
Comment Code					
V4 : Elderberries are blocking visibility and flood fight capability.					
Inspector Comment					

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 2021

### Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Sutter Slough	Right	3.74	03/23/2021 03/23/2021	Saskia Donovan

LM Start	<b>0.70</b>	Rating **	M	Issue No.	<b>36</b>
LM End	<b>0.70</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.296175 °	38.296175 °	
			-121.605893 °	-121.605893 °	
DWR ID	DWR_RD0999_03_s_2020_36				
Comment Code					
V4 : Elderberries are blocking visibility and flood fight capability.					
Inspector Comment					

No Photos

LM Start	<b>0.78</b>	Rating **	C	Issue No.	<b>15</b>
LM End	<b>0.78</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Trim / Thin Trees		38.297338 °	38.297338 °	
			-121.605275 °	-121.605275 °	
DWR ID	DWR_RD0999_03_f_2020_15				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

LM Start	<b>0.82</b>	Rating **	C	Issue No.	<b>34</b>
LM End	<b>0.82</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Trim / Thin Trees		38.297828 °	38.297828 °	
			-121.605050 °	-121.605050 °	
DWR ID	DWR_RD0999_03_s_2020_34				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

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 2021

### Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Sutter Slough	Right	3.74	03/23/2021 03/23/2021	Saskia Donovan

LM Start	0.96	Rating **	C	Issue No.	14
LM End	0.96	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.299372 °	38.299372 °
				-121.603397 °	-121.603397 °
DWR ID	DWR_RD0999_03_f_2019_14				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

LM Start	0.97	Rating **	M	Issue No.	6
LM End	1.10	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2017 USACE Erosion Survey			38.299402 °	38.300542 °
				-121.603056 °	-121.601118 °
DWR ID	DWR_RD0999_03_s_2019_6				
Comment Code					
Inspector Comment					
2017 Site ID: STR 25.2 R					
Status: Eroding					
2017 Field Notes: Minor new erosion at toe.					
Site History: 2008 - Over steepened levee section. 2009 - Significant new erosion. 2010 - Minor new erosion. Fall 2020 DWR Inspection: The steep, waterside slope width varies between roughly 10-20', but the remainder is covered by dense vegetation. The prism does not appear to be severely affected by the erosion.					

Photo 1 of 1 : SP\_2021\_RD0999\_234\_6\_20210308\_00002.jpg



View of the waterside slope near LM 1.10. The short slope is consistent to at least LM1.00. Fall 2020

<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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## Reclamation District No. 0999 Netherlands

View of a scarp on the waterside berm near LM 1.97. Fall 2020

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**Flood Control Project Maintenance  
Levee Inspections**

**Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2021**

**Reclamation District No. 0999 Netherlands**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Sutter Slough	Right	3.74	03/23/2021 03/23/2021	Saskia Donovan

LM Start	1.99	Rating **	M	Issue No.	13
LM End	1.99	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.311618 °	38.311618 °
				-121.596887 °	-121.596887 °
DWR ID	DWR_RD0999_03_f_2020_13				
Comment Code					
S3 : Repair the levee slope damaged by vehicle traffic and prevent access where possible.					
Inspector Comment					
Repair slope depression due to vehicle traffic.					

Photo 1 of 1 : SP\_2021\_RD0999\_234\_13\_20210308\_00006.jpg



View of slope damage on the waterside slope due to vehicle traffic. Fall 2020

LM Start	2.89	Rating **	C	Issue No.	20
LM End	2.89	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.322802 °	38.322802 °
				-121.590773 °	-121.590773 °
DWR ID	DWR_RD0999_03_s_2020_20				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

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

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

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

**Flood Control Project Maintenance  
Levee Inspections**

**Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2021**

**Reclamation District No. 0999 Netherlands**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Sutter Slough	Right	3.74	03/23/2021 03/23/2021	Saskia Donovan

LM Start	2.97	Rating **	A/W	Issue No.	12
LM End	3.23	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2017 USACE Erosion Survey			38.323419 °	38.325592 °
				-121.589645 °	-121.585925 °
DWR ID	DWR_RD0999_03_s_2019_12				
Comment Code					
Inspector Comment					
2017 Site ID: STR 27.3 R					
Status: Eroding					
2017 Field Notes: site extended downstream. section of lower bank has slumped off. fresh toe erosion. pipe encroachment. fresh tree popout					
Site History: 2011 - Multiple erosion pockets. Some likely from tree popouts. 2013 - Tall vertical sections. 2015 - New tree pop-out and significant new erosion. 2016 - New erosion at toe. Fall 2019 DWR Inspection: A large tree fell into the channel at LM 3.09, and there are two, large scarps on the waterside berm at LM 3.00.					

Photo 1 of 1 : SP\_2021\_RD0999\_234\_12\_20210308\_00005.jpg



View of a large scarp on the waterside berm. Fall 2020

LM Start	3.10	Rating **	M	Issue No.	19
LM End	3.10	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.324132 °	38.324132 °
				-121.587392 °	-121.587392 °
DWR ID	DWR_RD0999_03_f_2019_19				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

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 2021

### Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Sutter Slough	Right	3.74	03/23/2021 03/23/2021	Saskia Donovan

LM Start	3.43	Rating **	M	Issue No.	21
LM End	3.43	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.328518 °	38.328518 °
				-121.586683 °	-121.586683 °
DWR ID	DWR_RD0999_03_s_2021_21				
Comment Code					
S1 : Repair slope instability.					
Inspector Comment					
There is some visible sloughing at the WS below the edge of the pavement. The site is marked with several iron fence posts. Spring 2021.					

Photo 1 of 1 : SP\_2021\_RD0999\_234\_21\_20210405\_00036.jpg

View of the sloughing and fence posts below the WS levee shoulder.  
Spring 2021.

LM Start	3.50	Rating **	M	Issue No.	23
LM End	3.50	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.329476 °	38.329476 °
				-121.586506 °	-121.586506 °
DWR ID	DWR_RD0999_03_s_2021_23				
Comment Code					
S1 : Repair slope instability.					
Inspector Comment					
There is some visible sloughing at the WS below the edge of the pavement. The site is marked with several iron fence posts. Spring 2021.					

Photo 1 of 1 : SP\_2021\_RD0999\_234\_23\_20210405\_00037.jpg

View of the sloughing and fence posts below the WS levee shoulder.  
Spring 2021.

**\* 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 2021

### Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Sacramento River	Right	1.22	03/23/2021 03/23/2021	Saskia Donovan

LM Start	0.00	Rating **	M	Issue No.	2	
LM End	0.00	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP LMA Responsibility			38.414022 °		38.414022 °
				-121.522986 °		-121.522986 °
DWR ID	22788					
Comment Code						
Inspector Comment						
FS_ID:61407 DS_ID:22788 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 07/01/2020 Record updated from No Action Needed to Non-Urgent. Unauthorized encroachment recorded in Levee Log prior to 2011. No permit has been identified authorizing pipe. (D.Sanoski - DWR UCIP) 10/27/2017 This structure is inspected annually under the Structure and Channel Summer Inspection (part of the Levee Inspection Program) conducted by the DWR Flood Project Integrity and Inspection Branch (FPIIB). (DWR UCIP - O. Magana) FIELD_STRUCT_DESC: [Elk Slough Inlet Structure] 60-inch by 60-inch reinforced concrete drainage culvert through the levee, 30 feet below the crown. Slide gate in a 6-foot by 8-foot concrete vault on the waterside (WS) shoulder. [Additional Reference(s): DWR Levee Log, 1992. USACE Sacramento O&M Manual 113 (Revised), October 1966, (HLM 0.00)]. FS Date: 7/1/2020 10:09:00 AM						

LM Start	<b>0.00</b>	Rating **	M	Issue No.	<b>2 (cont)</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP\_SP\_2021\_61407\_26137.jpg



Slide gate in concrete vault on WS shoulder.

Photo 2 of 3 : UCIP\_SP\_2021\_61407\_26136.jpg



Toe of LS at approximate location of outlet/inlet.

<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 2021**

**Reclamation District No. 0999 Netherlands**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Sacramento River	Right	1.22	03/23/2021 03/23/2021	Saskia Donovan

LM Start	<b>0.00</b>	Rating **	M	Issue No.	<b>2 (cont)</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.414022 °	38.417692 °
				-121.522986 °	-121.522986 °
DWR ID	22788				

Photo 3 of 3 : UCIP\_SP\_2021\_61407\_88712.jpg



Top of Levee: view of crown.

LM Start	<b>0.02</b>	Rating **	U	Issue No.	<b>23</b>
LM End	<b>0.28</b>	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2017 USACE Erosion Survey			38.414387 °	38.417692 °
				-121.522871 °	-121.525083 °
DWR ID	DWR_RD0999_04_f_2019_23				

Comment Code

Inspector Comment

Planned For  
Repair  
2017 Site ID: SAC 41.9 R  
Site ID No:357  
Site Designation:LMA-184  
2017 Field Notes: Fresh erosion on entire bank. Upgraded to critical.  
Site History: 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. 2016 - Minor new slumping. Fall 2020 DWR Inspection: Erosion exposes a tree's roots at LM 0.11 near a footpath.

Photo 1 of 1 : SP\_2021\_RD0999\_235\_23\_20210308\_00004.jpg



View of a split tree and bank erosion near LM 0.11. Fall 2020

**\* 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 2021

### Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Sacramento River	Right	1.22	03/23/2021 03/23/2021	Saskia Donovan

LM Start	0.04	Rating **	M	Issue No.	53
LM End	0.06	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.414533 °	38.414750 °
				-121.523394 °	-121.523543 °
DWR ID	DWR_RD0999_04_f_2017_53				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					
Remove wild growth vegetation on the waterside slope.					

Photo 1 of 1 : SP\_2021\_RD0999\_235\_53\_20210308\_00009.jpg



Looking southeast at the waterside slope. Fall 2017

LM Start	0.20	Rating **	M	Issue No.	24
LM End	0.23	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.416653 °	38.416927 °
				-121.524656 °	-121.524898 °
DWR ID	DWR_RD0999_04_s_2012_24				
Comment Code					
T2 : Thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comment					

Photo 1 of 1 : SP\_2021\_RD0999\_235\_24\_20210412\_00079.jpg



View of the trees on the WS levee slope. Spring 2021.

LM Start	0.96	Rating **	M	Issue No.	25
LM End	0.99	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.426310 °	38.426627 °
				-121.531460 °	-121.531577 °
DWR ID	DWR_RD0999_04_s_2019_25				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

Photo 1 of 1 : SP\_2021\_RD0999\_235\_25\_20210308\_00005.jpg



View looking downstream at low-hanging tree branches on levee slope. Spring 2019

**\* 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 2021

### Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Sacramento River	Right	1.22	03/23/2021 03/23/2021	Saskia Donovan

LM Start	1.10	Rating **	M	Issue No.	47
LM End	1.10	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.428152 °	38.428152 °
				-121.532502 °	-121.532502 °
DWR ID	DWR_RD0999_04_s_2017_47				
Comment Code					
E1 : Note and monitor erosion site.					
Inspector Comment					
Small erosion just above the riprap and runoff erosion exist on the waterside slope. The LMA placed some broken concrete on the slope.					

Photo 1 of 1 : SP\_2021\_RD0999\_235\_47\_20210308\_00008.jpg



View of erosion on the waterside slope with broken concrete riprap. Fall 2020

<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 2021

### Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Elk Slough	Right	9.48	03/23/2021 03/23/2021	Saskia Donovan

LM Start	0.00	Rating **	M	Issue No.	49
LM End	0.01	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2017 USACE Erosion Survey			38.332643 °	38.414157 °
				-121.584449 °	-121.523156 °
DWR ID	DWR_RD0999_05_s_2019_49				
Comment Code					
Inspector Comment					
2017 Site ID: ELK 0.2 R Status: Eroding 2017 Field Notes: Fresh erosion; site continues to worsen. Site History: 1997 - Most of lower Elk Slough contains high near vertical banks, with erosion into the levee slope. Channel almost appears incised. 2002 - Sites where the levee slope is near vertical and severely eroding. It could fail catastrophically. 2004 - Looks bad in terms of vertical slopes and fallen trees. 2005 - Banks are still over steepened in most places and potentially susceptible to geotechnical failures. 2006 - Both banks are still over steepened in most places and potentially susceptible to geotechnical failures. 2010 - The entire reach is in poor condition, with severely eroding near vertical slopes, needs a regional repair. 2011 - Channel banks are still oversteepened with erosion continuing. 2012 - New cracks and animal holes observed. 2013 - Fresh erosion around pump structure. Summer 2020 DWR Inspection: The steep scarp on the bank is covered by vegetation.					

Photo 1 of 1 : SP\_2021\_RD0999\_236\_49\_20210308\_00015.jpg



View of scarp with vegetation growth. Summer 2020

LM Start	0.13	Rating **	A/W	Issue No.	165
LM End	0.13	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.334473 °	38.334473 °
				-121.584226 °	-121.584226 °
DWR ID	DWR_RD0999_05_s_2020_165				
Comment Code					
S1 : Repair slope instability.					
Inspector Comment					
Minor cracks appear within the pavement next to a ramp.					

Photo 1 of 1 : SP\_2021\_RD0999\_236\_165\_20210308\_00058.jpg



View of minor cracks near a ramp. Spring 2020

\* 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



**Flood Control Project Maintenance  
Levee Inspections**

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2021

### Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Elk Slough	Right	9.48	03/23/2021 03/23/2021	Saskia Donovan

LM Start	0.15	Rating **	M	Issue No.	60
LM End	0.15	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.334857 °	38.334857 °
				-121.584106 °	-121.584106 °
DWR ID	DWR_RD0999_05_s_2021_60				
Comment Code					
TR : Tree or limb					
Inspector Comment					
There is a fallen tree on the WS levee slope. Spring 2021.					

Photo 1 of 1 : SP\_2021\_RD0999\_236\_60\_20210409\_00210.jpg



View of the fallen tree on the WS levee slope. Spring 2021.

LM Start	0.32	Rating **	N	Issue No.	75
LM End	0.32	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.337057 °	38.337057 °
				-121.582721 °	-121.582721 °
DWR ID	DWR_RD0999_05_s_2021_75				
Comment Code					
T5 : Tree stumps.					
Inspector Comment					

No Photos

LM Start	0.78	Rating **	M	Issue No.	128
LM End	0.79	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.343495 °	38.343617 °
				-121.581282 °	-121.581249 °
DWR ID	DWR_RD0999_05_s_2012_128				
Comment Code					
T3 : Trim and thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comment					
Trim trees and bamboo on the landside slope.					

Photo 1 of 1 : SP\_2021\_RD0999\_236\_128\_20210308\_00044.jpg



Looking northwest at untrimmed 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

**Flood Control Project Maintenance  
Levee Inspections**

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2021

### Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Elk Slough	Right	9.48	03/23/2021 03/23/2021	Saskia Donovan

LM Start	0.84	Rating **	C	Issue No.	10
LM End	0.84	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.344294 °	38.344294 °
				-121.581054 °	-121.581054 °
DWR ID	DWR_RD0999_05_s_2018_10				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					
The vegetation has been cleared. Spring 2021.					

No Photos

LM Start	0.87	Rating **	C	Issue No.	53
LM End	0.87	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.344833 °	38.344833 °
				-121.580932 °	-121.580932 °
DWR ID	DWR_RD0999_05_s_2019_53				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					

No Photos

LM Start	0.89	Rating **	C	Issue No.	223
LM End	0.89	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.345067 °	38.345067 °
				-121.580937 °	-121.580937 °
DWR ID	DWR_RD0999_05_f_2020_223				
Comment Code					
TR : Tree or limb					
Inspector Comment					

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 2021**

**Reclamation District No. 0999 Netherlands**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Elk Slough	Right	9.48	03/23/2021 03/23/2021	Saskia Donovan

LM Start	1.03	Rating **	C	Issue No.	146
LM End	1.06	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.346888 °	38.347331 °
				-121.579868 °	-121.579582 °
DWR ID	DWR_RD0999_05_f_2013_146				
Comment Code					
T3 : Trim and thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comment					

No Photos

LM Start	1.03	Rating **	C	Issue No.	54
LM End	1.03	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.346937 °	38.346937 °
				-121.579840 °	-121.579840 °
DWR ID	DWR_RD0999_05_s_2019_54				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					

No Photos

LM Start	1.06	Rating **	C	Issue No.	55
LM End	1.06	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.347332 °	38.347332 °
				-121.579503 °	-121.579503 °
DWR ID	DWR_RD0999_05_s_2019_55				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					

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 2021**

**Reclamation District No. 0999 Netherlands**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Elk Slough	Right	9.48	03/23/2021 03/23/2021	Saskia Donovan

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			38.348259 °	38.348328 °
				-121.578405 °	-121.577735 °
DWR ID	DWR_RD0999_05_s_2012_15				
Comment Code					
T3 : Trim and thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comment					

Photo 1 of 1 : SP\_2021\_RD0999\_236\_15\_20210308\_00008.jpg



Looking north at untrimmed trees on landward slope and toe.

LM Start	1.17	Rating **	M	Issue No.	273
LM End	1.17	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.348307 °	38.348307 °
				-121.578045 °	-121.578045 °
DWR ID	DWR_RD0999_05_s_2020_273				
Comment Code					
TR : Tree or limb					
Inspector Comment					
Remove the large tree debris on the waterside slope,					

No Photos

LM Start	1.25	Rating **	M	Issue No.	271
LM End	1.25	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.348331 °	38.348331 °
				-121.576547 °	-121.576547 °
DWR ID	DWR_RD0999_05_s_2020_271				
Comment Code					
T3 : Trim and thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comment					

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 2021

### Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Elk Slough	Right	9.48	03/23/2021 03/23/2021	Saskia Donovan

LM Start	<b>1.43</b>	Rating **	A/W	Issue No.	<b>61</b>
LM End	<b>1.43</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Slope Stability		38.348283 °	38.348283 °	
			-121.573347 °	-121.573347 °	
DWR ID	DWR_RD0999_05_s_2020_61				
Comment Code					
S2 : Repair the levee slope damaged by foot traffic and prevent access where possible.					
Inspector Comment					
Monitor two footpaths.					

No Photos

LM Start	<b>1.58</b>	Rating **	C	Issue No.	<b>269</b>
LM End	<b>1.58</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.350278 °	38.350278 °	
			-121.573823 °	-121.573823 °	
DWR ID	DWR_RD0999_05_s_2020_269				
Comment Code					
PR : Prunings					
Inspector Comment					

No Photos

LM Start	<b>1.66</b>	Rating **	C	Issue No.	<b>65</b>
LM End	<b>1.69</b>	Issue Type +	Ma	Location *	CR
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Trim / Thin Trees		38.351438 °	38.351837 °	
			-121.574032 °	-121.574058 °	
DWR ID	DWR_RD0999_05_f_2019_65				
Comment Code					
T4 : Trim trees over roadway to at least 12 feet above ground level.					
Inspector Comment					

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 2021**

**Reclamation District No. 0999 Netherlands**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Elk Slough	Right	9.48	03/23/2021 03/23/2021	Saskia Donovan

LM Start	2.01	Rating **	N	Issue No.	79
LM End	2.01	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.355585 °	38.355585 °
				-121.571135 °	-121.571135 °
DWR ID	DWR_RD0999_05_s_2021_79				
Comment Code					
T5 : Tree stumps.					
Inspector Comment					
Three tree stumps are located on the LS leve slope. Spring 2021.					

Photo 1 of 1 : SP\_2021\_RD0999\_236\_79\_20210409\_00211.jpg



View of the tree stumps on the LS levee slope. Spring 2021.

LM Start	2.04	Rating **	N	Issue No.	90
LM End	2.04	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.355616 °	38.355616 °
				-121.570675 °	-121.570675 °
DWR ID	DWR_RD0999_05_s_2021_90				
Comment Code					
T5 : Tree stumps.					
Inspector Comment					
A tree stump and two tree logs are located on the LS levee slope. Spring 2021.					

No Photos

LM Start	2.30	Rating **	M	Issue No.	94
LM End	2.30	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.354521 °	38.354521 °
				-121.566201 °	-121.566201 °
DWR ID	DWR_RD0999_05_s_2021_94				
Comment Code					
PR : Prunings					
Inspector Comment					

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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# Reclamation District No. 0999 Netherlands

No Photos

View of a tree on the waterside slope that split at the trunk. Fall 2020

View of fallen tree with exposed rootball. Summer 2020

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**Flood Control Project Maintenance  
Levee Inspections**

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2021

### Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Elk Slough	Right	9.48	03/23/2021 03/23/2021	Saskia Donovan

LM Start	2.92	Rating **	C	Issue No.	68
LM End	2.92	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.361977 °	38.361977 °
				-121.563343 °	-121.563343 °
DWR ID	DWR_RD0999_05_s_2019_68				
Comment Code					
PR : Prunings					
Inspector Comment					
The prunings have been removed. Spring 2021.					

No Photos

LM Start	2.96	Rating **	A/W	Issue No.	263
LM End	2.96	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.362492 °	38.362492 °
				-121.563362 °	-121.563362 °
DWR ID	DWR_RD0999_05_s_2020_263				
Comment Code					
E1 : Note and monitor erosion site.					
Inspector Comment					
Monitor the bank where a large tree has fallen. Summer 2020: tree does not appear to have caused erosion.					

Photo 1 of 1 : SP\_2021\_RD0999\_236\_263\_20210308\_00094.jpg



View of a split tree on the waterside bank. Summer 2020

LM Start	3.08	Rating **	C	Issue No.	217
LM End	3.08	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.364120 °	38.364120 °
				-121.562625 °	-121.562625 °
DWR ID	DWR_RD0999_05_f_2020_217				
Comment Code					
T4 : Trim trees over roadway to at least 12 feet above ground level.					
Inspector Comment					

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 2021

### Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Elk Slough	Right	9.48	03/23/2021 03/23/2021	Saskia Donovan

LM Start	3.10	Rating **	M	Issue No.	262
LM End	3.10	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.364253 °	38.364253 °
				-121.562257 °	-121.562257 °
DWR ID	DWR_RD0999_05_s _ 2020_262				
Comment Code					
TR : Tree or limb					
Inspector Comment					
Remove large tree debris from the landside slope.					

No Photos

LM Start	3.11	Rating **	N	Issue No.	95
LM End	3.11	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.364356 °	38.364356 °
				-121.562021 °	-121.562021 °
DWR ID	DWR_RD0999_05_s _ 2021_95				
Comment Code					
T5 : Tree stumps.					
Inspector Comment					
A large tree stump is located on lower LS levee slope. Spring 2021.					

No Photos

LM Start	3.19	Rating **	M	Issue No.	261
LM End	3.19	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.364702 °	38.364702 °
				-121.560667 °	-121.560667 °
DWR ID	DWR_RD0999_05_s _ 2020_261				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

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 2021

### Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Elk Slough	Right	9.48	03/23/2021 03/23/2021	Saskia Donovan

LM Start	3.20	Rating **	M	Issue No.	260
LM End	3.20	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.364702 °	38.364702 °
				-121.560565 °	-121.560565 °
DWR ID	DWR_RD0999_05_s_2020_260				
Comment Code					
E2 : Schedule repair of erosion site prior to the next inspection.					
Inspector Comment					
Repair erosion caused by a fallen tree with an exposed rootball.					

Photo 1 of 1 : SP\_2021\_RD0999\_236\_260\_20210308\_00093.jpg



View of slope erosion around fallen tree from the waterside. Summer 2020

LM Start	3.31	Rating **	C	Issue No.	257
LM End	3.31	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.364223 °	38.364223 °
				-121.558513 °	-121.558513 °
DWR ID	DWR_RD0999_05_s_2020_257				
Comment Code					
PR : Prunings					
Inspector Comment					

No Photos

LM Start	3.38	Rating **	C	Issue No.	256
LM End	3.40	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.363945 °	38.363913 °
				-121.557293 °	-121.557030 °
DWR ID	DWR_RD0999_05_s_2020_256				
Comment Code					
PR : Prunings					
Inspector Comment					

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 2021

### Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Elk Slough	Right	9.48	03/23/2021 03/23/2021	Saskia Donovan

LM Start	<b>3.66</b>	Rating **	M	Issue No.	<b>250</b>
LM End	<b>3.66</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.367335 °	38.367335 °	
			-121.556588 °	-121.556588 °	
DWR ID	DWR_RD0999_05_s _ 2020_250				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					

No Photos

LM Start	<b>3.67</b>	Rating **	C	Issue No.	<b>72</b>
LM End	<b>3.67</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Trim / Thin Trees		38.367430 °	38.367430 °	
			-121.556580 °	-121.556580 °	
DWR ID	DWR_RD0999_05_s _ 2019_72				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

LM Start	<b>3.72</b>	Rating **	C	Issue No.	<b>253</b>
LM End	<b>3.72</b>	Issue Type +	Ma	Location *	CR
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Trim / Thin Trees		38.367848 °	38.367848 °	
			-121.555852 °	-121.555852 °	
DWR ID	DWR_RD0999_05_s _ 2020_253				
Comment Code					
T4 : Trim trees over roadway to at least 12 feet above ground level.					
Inspector Comment					

No Photos

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

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

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





# Reclamation District No. 0999 Netherlands

* 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 2021

### Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Elk Slough	Right	9.48	03/23/2021 03/23/2021	Saskia Donovan

LM Start	<b>4.27</b>	Rating **	C	Issue No.	<b>88</b>
LM End	<b>4.33</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.373167 °	38.374023 °	
			-121.552118 °	-121.551540 °	
DWR ID	DWR_RD0999_05_s _ 2020_88				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					

No Photos

LM Start	<b>4.44</b>	Rating **	C	Issue No.	<b>80</b>
LM End	<b>4.44</b>	Issue Type +	Ma	Location *	CR
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Trim / Thin Trees		38.375050 °	38.375050 °	
			-121.550045 °	-121.550045 °	
DWR ID	DWR_RD0999_05_f _ 2019_80				
Comment Code					
T4 : Trim trees over roadway to at least 12 feet above ground level.					
Inspector Comment					

No Photos

LM Start	<b>4.55</b>	Rating **	C	Issue No.	<b>98</b>
LM End	<b>4.55</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Trim / Thin Trees		38.375023 °	38.375023 °	
			-121.548098 °	-121.548098 °	
DWR ID	DWR_RD0999_05_s _ 2019_98				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

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

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

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



**Flood Control Project Maintenance  
Levee Inspections**

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2021

### Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Elk Slough	Right	9.48	03/23/2021 03/23/2021	Saskia Donovan

LM Start	4.57	Rating **	A/W	Issue No.	102
LM End	4.57	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.375127 °	38.375127 °
				-121.547703 °	-121.547703 °
DWR ID	DWR_RD0999_05_f_2019_102				
Comment Code					
E1 : Note and monitor erosion site.					
Inspector Comment					
Monitor split tree which may have eroded the waterside slope.					

Photo 1 of 1 : SP\_2021\_RD0999\_236\_102\_20210308\_00039.jpg



View of fallen tree split at the base. Summer 2020

LM Start	4.62	Rating **	U	Issue No.	28
LM End	4.62	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.375308 °	38.375308 °
				-121.546828 °	-121.546828 °
DWR ID	DWR_RD0999_05_s_2017_28				
Comment Code					
TR : Tree or limb					
Inspector Comment					
A fallen tree on the waterside slope is partly in the water. There is a large hole on the waterside slope.					

Photo 1 of 1 : SP\_2021\_RD0999\_236\_28\_20210308\_00011.jpg



View of dead tree on slope. Fall 2018

LM Start	4.65	Rating **	C	Issue No.	62
LM End	4.65	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.375365 °	38.375365 °
				-121.546305 °	-121.546305 °
DWR ID	DWR_RD0999_05_s_2012_62				
Comment Code					
T5 : Tree stumps.					
Inspector Comment					

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 2021

### Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Elk Slough	Right	9.48	03/23/2021 03/23/2021	Saskia Donovan

LM Start	4.75	Rating **	C	Issue No.	185
LM End	4.75	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.376122 °	38.376122 °
				-121.544788 °	-121.544788 °
DWR ID	DWR_RD0999_05_f_2020_185				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

LM Start	5.01	Rating **	C	Issue No.	237
LM End	5.04	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.378860 °	38.379235 °
				-121.541540 °	-121.541242 °
DWR ID	DWR_RD0999_05_s_2020_237				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					

No Photos

LM Start	5.04	Rating **	C	Issue No.	105
LM End	5.06	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.379273 °	38.379522 °
				-121.541150 °	-121.541045 °
DWR ID	DWR_RD0999_05_s_2019_105				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

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 2021

### Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Elk Slough	Right	9.48	03/23/2021 03/23/2021	Saskia Donovan

LM Start	5.06	Rating **	M	Issue No.	115
LM End	5.06	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.379581 °	38.379581 °
				-121.541114 °	-121.541114 °
DWR ID	DWR_RD0999_05_s_2021_115				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

LM Start	5.06	Rating **	M	Issue No.	106
LM End	5.06	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.379604 °	38.379604 °
				-121.541102 °	-121.541102 °
DWR ID	DWR_RD0999_05_s_2019_106				
Comment Code					
DE : Debris					
Inspector Comment					
Remove the debris and prunings on the LS levee slope. Spring 2021.					

Photo 1 of 1 : SP\_2021\_RD0999\_236\_106\_20210409\_00215.jpg



View of the debris and pruning pile on the LS levee slope. Spring 2021.

LM Start	5.14	Rating **	N	Issue No.	117
LM End	5.14	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.380599 °	38.380599 °
				-121.541227 °	-121.541227 °
DWR ID	DWR_RD0999_05_s_2021_117				
Comment Code					
T5 : Tree stumps.					
Inspector Comment					
A tree stump is located on the WS levee slope. Spring 2021.					

Photo 1 of 1 : SP\_2021\_RD0999\_236\_117\_20210409\_00216.jpg



View of the tree stump on the WS levee slope. Spring 2021.

**\* 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

## Reclamation District No. 0999 Netherlands

No Photos

View of fallen trees and scarp. Summer 2020

Looking northeast at dense vegetation on waterside slope.

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# Reclamation District No. 0999 Netherlands



**Flood Control Project Maintenance  
Levee Inspections**

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2021

### Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Elk Slough	Right	9.48	03/23/2021 03/23/2021	Saskia Donovan

LM Start	5.67	Rating **	C	Issue No.	110
LM End	5.67	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.384468 °	38.384468 °
				-121.545038 °	-121.545038 °
DWR ID	DWR_RD0999_05_s_2019_110				
Comment Code					
TR : Tree or limb					
Inspector Comment					

No Photos

LM Start	5.72	Rating **	M	Issue No.	99
LM End	5.72	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.384578 °	38.384578 °
				-121.544173 °	-121.544173 °
DWR ID	DWR_RD0999_05_f_2018_99				
Comment Code					
E2 : Schedule repair of erosion site prior to the next inspection.					
Inspector Comment					
Repair damage to the levee toe from a fallen tree.					

Photo 1 of 1 : SP\_2021\_RD0999\_236\_99\_20210308\_00037.jpg



View of slope damage near fallen tree. Summer 2020

LM Start	5.74	Rating **	C	Issue No.	228
LM End	5.74	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.384592 °	38.384592 °
				-121.543712 °	-121.543712 °
DWR ID	DWR_RD0999_05_s_2020_228				
Comment Code					
TR : Tree or limb					
Inspector Comment					
The tree has been removed. Spring 2021.					

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 2021**

**Reclamation District No. 0999 Netherlands**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Elk Slough	Right	9.48	03/23/2021 03/23/2021	Saskia Donovan

LM Start	5.79	Rating **	M	Issue No.	227
LM End	5.79	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.384725 °	38.384725 °
				-121.542887 °	-121.542887 °
DWR ID	DWR_RD0999_05_s_2020_227				
Comment Code					
TR : Tree or limb					
Inspector Comment					
Remove a fallen tree from the slope.					

Photo 1 of 1 : SP\_2021\_RD0999\_236\_227\_20210308\_00088.jpg



View of a fallen tree on the waterside slope. Spring 2020

LM Start	5.81	Rating **	C	Issue No.	225
LM End	5.81	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.384772 °	38.384772 °
				-121.542440 °	-121.542440 °
DWR ID	DWR_RD0999_05_s_2020_225				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					

No Photos

LM Start	5.81	Rating **	C	Issue No.	194
LM End	5.81	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.384837 °	38.384837 °
				-121.542418 °	-121.542418 °
DWR ID	DWR_RD0999_05_f_2020_194				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					

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 2021

### Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Elk Slough	Right	9.48	03/23/2021 03/23/2021	Saskia Donovan

LM Start	<b>5.89</b>	Rating **	C	Issue No.	<b>220</b>
LM End	<b>5.89</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.385308 °	38.385308 °	
			-121.541207 °	-121.541207 °	
DWR ID	DWR_RD0999_05_s_2020_220				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					
The vines have been removed. Spring 2021.					

No Photos

LM Start	<b>5.93</b>	Rating **	C	Issue No.	<b>219</b>
LM End	<b>5.93</b>	Issue Type +	Ma	Location *	CR
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Trim / Thin Trees		38.385802 °	38.385802 °	
			-121.540807 °	-121.540807 °	
DWR ID	DWR_RD0999_05_s_2020_219				
Comment Code					
T4 : Trim trees over roadway to at least 12 feet above ground level.					
Inspector Comment					

No Photos

LM Start	<b>6.05</b>	Rating **	C	Issue No.	<b>108</b>
LM End	<b>6.05</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Trim / Thin Trees		38.387158 °	38.387158 °	
			-121.541760 °	-121.541760 °	
DWR ID	DWR_RD0999_05_f_2019_108				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

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 2021

### Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Elk Slough	Right	9.48	03/23/2021 03/23/2021	Saskia Donovan

LM Start	6.18	Rating **	M	Issue No.	195
LM End	6.18	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.388895 °	38.388895 °
				-121.542983 °	-121.542983 °
DWR ID	DWR_RD0999_05_f_2020_195				
Comment Code					
T4 : Trim trees over roadway to at least 12 feet above ground level.					
Inspector Comment					

No Photos

LM Start	6.31	Rating **	C	Issue No.	213
LM End	6.31	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.390320 °	38.390320 °
				-121.541862 °	-121.541862 °
DWR ID	DWR_RD0999_05_s_2020_213				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

LM Start	6.64	Rating **	C	Issue No.	207
LM End	6.64	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.393905 °	38.393905 °
				-121.539448 °	-121.539448 °
DWR ID	DWR_RD0999_05_s_2020_207				
Comment Code					
T4 : Trim trees over roadway to at least 12 feet above ground level.					
Inspector Comment					

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 2021**

**Reclamation District No. 0999 Netherlands**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Elk Slough	Right	9.48	03/23/2021 03/23/2021	Saskia Donovan

LM Start	6.70	Rating **	C	Issue No.	204
LM End	6.72	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.394885 °	38.395175 °
				-121.539432 °	-121.539350 °
DWR ID	DWR_RD0999_05_s_2020_204				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					
The wild berry bushes have been cut. Spring 2021.					

No Photos

LM Start	6.77	Rating **	M	Issue No.	208
LM End	6.77	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.395742 °	38.395742 °
				-121.539080 °	-121.539080 °
DWR ID	DWR_RD0999_05_f_2020_208				
Comment Code					
PR : Prunings					
Inspector Comment					
Remove prunings from the waterside shoulder.					

No Photos

LM Start	6.91	Rating **	C	Issue No.	116
LM End	6.91	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.396708 °	38.396708 °
				-121.536747 °	-121.536747 °
DWR ID	DWR_RD0999_05_s_2019_116				
Comment Code					
T2 : Thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comment					

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 2021

### Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Elk Slough	Right	9.48	03/23/2021 03/23/2021	Saskia Donovan

LM Start	<b>6.95</b>	Rating **	C	Issue No.	<b>201</b>
LM End	<b>6.95</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Trim / Thin Trees		38.396898 °	38.396898 °	
			-121.536147 °	-121.536147 °	
DWR ID	DWR_RD0999_05_s _ 2020_201				
Comment Code					
T3 : Trim and thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comment					

No Photos

LM Start	<b>6.98</b>	Rating **	C	Issue No.	<b>197</b>
LM End	<b>6.98</b>	Issue Type +	Ma	Location *	CR
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Trim / Thin Trees		38.397308 °	38.397308 °	
			-121.535957 °	-121.535957 °	
DWR ID	DWR_RD0999_05_s _ 2020_197				
Comment Code					
T4 : Trim trees over roadway to at least 12 feet above ground level.					
Inspector Comment					

No Photos

LM Start	<b>7.18</b>	Rating **	C	Issue No.	<b>193</b>
LM End	<b>7.18</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Trim / Thin Trees		38.400200 °	38.400200 °	
			-121.536768 °	-121.536768 °	
DWR ID	DWR_RD0999_05_s _ 2020_193				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

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 2021**

**Reclamation District No. 0999 Netherlands**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Elk Slough	Right	9.48	03/23/2021 03/23/2021	Saskia Donovan

LM Start	<b>7.21</b>	Rating **	C	Issue No.	<b>118</b>
LM End	<b>7.21</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Trim / Thin Trees		38.400610 °	38.400610 °	
			-121.537037 °	-121.537037 °	
DWR ID	DWR_RD0999_05_s_2019_118				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

LM Start	<b>7.26</b>	Rating **	C	Issue No.	<b>119</b>
LM End	<b>7.26</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Trim / Thin Trees		38.401150 °	38.401150 °	
			-121.537595 °	-121.537595 °	
DWR ID	DWR_RD0999_05_s_2019_119				
Comment Code					
T3 : Trim and thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comment					

No Photos

LM Start	<b>7.33</b>	Rating **	C	Issue No.	<b>120</b>
LM End	<b>7.33</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Trim / Thin Trees		38.401867 °	38.401867 °	
			-121.538453 °	-121.538453 °	
DWR ID	DWR_RD0999_05_s_2019_120				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

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 2021

### Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Elk Slough	Right	9.48	03/23/2021 03/23/2021	Saskia Donovan

LM Start	7.52	Rating **	C	Issue No.	121
LM End	7.52	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.403772 °	38.403772 °
				-121.540750 °	-121.540750 °
DWR ID	DWR_RD0999_05_s_2019_121				
Comment Code					
T4 : Trim trees over roadway to at least 12 feet above ground level.					
Inspector Comment					

No Photos

LM Start	7.54	Rating **	N	Issue No.	191
LM End	7.54	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.403843 °	38.403843 °
				-121.541233 °	-121.541233 °
DWR ID	DWR_RD0999_05_s_2020_191				
Comment Code					
T5 : Tree stumps.					
Inspector Comment					

No Photos

LM Start	7.60	Rating **	C	Issue No.	209
LM End	7.60	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.404292 °	38.404292 °
				-121.542205 °	-121.542205 °
DWR ID	DWR_RD0999_05_f_2020_209				
Comment Code					
T4 : Trim trees over roadway to at least 12 feet above ground level.					
Inspector Comment					

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 2021

### Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Elk Slough	Right	9.48	03/23/2021 03/23/2021	Saskia Donovan

LM Start	<b>8.23</b>	Rating **	C	Issue No.	<b>184</b>
LM End	<b>8.23</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Trim / Thin Trees		38.409598 °	38.409598 °	
			-121.537632 °	-121.537632 °	
DWR ID	DWR_RD0999_05_s _ 2020_184				
Comment Code					
T5 : Tree stumps.					
Inspector Comment					

No Photos

LM Start	<b>8.25</b>	Rating **	C	Issue No.	<b>183</b>
LM End	<b>8.25</b>	Issue Type +	Ma	Location *	CR
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Trim / Thin Trees		38.409543 °	38.409543 °	
			-121.537353 °	-121.537353 °	
DWR ID	DWR_RD0999_05_s _ 2020_183				
Comment Code					
T4 : Trim trees over roadway to at least 12 feet above ground level.					
Inspector Comment					

No Photos

LM Start	<b>8.28</b>	Rating **	C	Issue No.	<b>182</b>
LM End	<b>8.29</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.409375 °	38.409245 °	
			-121.536870 °	-121.536630 °	
DWR ID	DWR_RD0999_05_s _ 2020_182				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					

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 2021**

**Reclamation District No. 0999 Netherlands**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Elk Slough	Right	9.48	03/23/2021 03/23/2021	Saskia Donovan

LM Start	8.28	Rating **	M	Issue No.	177
LM End	8.28	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.409355 °	38.409355 °
				-121.536780 °	-121.536780 °
DWR ID	DWR_RD0999_05_f_2020_177				
Comment Code					
TR : Tree or limb					
Inspector Comment					
Remove tree log debris from the waterside slope.					

Photo 1 of 1 : SP\_2021\_RD0999\_236\_177\_20210308\_00066.jpg



View of tree logs and limbs on the waterside slope. Fall 2020

LM Start	8.31	Rating **	M	Issue No.	181
LM End	8.31	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.409118 °	38.409118 °
				-121.536298 °	-121.536298 °
DWR ID	DWR_RD0999_05_s_2020_181				
Comment Code					
TR : Tree or limb					
Inspector Comment					
Remove a fallen tree from the waterside slope.					

Photo 1 of 1 : SP\_2021\_RD0999\_236\_181\_20210308\_00068.jpg



View of fallen tree on the waterside slope. Spring 2020

LM Start	8.41	Rating **	C	Issue No.	179
LM End	8.41	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.408565 °	38.408565 °
				-121.534798 °	-121.534798 °
DWR ID	DWR_RD0999_05_s_2020_179				
Comment Code					
V9 : Keep the crown roadway free of vegetation.					
Inspector Comment					

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 2021

### Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Elk Slough	Right	9.48	03/23/2021 03/23/2021	Saskia Donovan

LM Start	8.47	Rating **	C	Issue No.	174
LM End	8.49	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.409088 °	38.409402 °
				-121.533932 °	-121.533673 °
DWR ID	DWR_RD0999_05_f_2020_174				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					
The bull thistle has been removed. Spring 2021.					

No Photos

LM Start	8.53	Rating **	C	Issue No.	176
LM End	8.53	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.409692 °	38.409692 °
				-121.533178 °	-121.533178 °
DWR ID	DWR_RD0999_05_s_2020_176				
Comment Code					
T4 : Trim trees over roadway to at least 12 feet above ground level.					
Inspector Comment					

No Photos

LM Start	8.60	Rating **	C	Issue No.	123
LM End	8.61	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.410320 °	38.410434 °
				-121.532073 °	-121.532050 °
DWR ID	DWR_RD0999_05_s_2012_123				
Comment Code					
T4 : Trim trees over roadway to at least 12 feet above ground level.					
Inspector Comment					

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 2021

### Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Elk Slough	Right	9.48	03/23/2021 03/23/2021	Saskia Donovan

LM Start	8.66	Rating **	C	Issue No.	173
LM End	8.66	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.410865 °	38.410865 °
				-121.531282 °	-121.531282 °
DWR ID	DWR_RD0999_05_s _ 2020_173				
Comment Code					
T4 : Trim trees over roadway to at least 12 feet above ground level.					
Inspector Comment					

No Photos

LM Start	8.73	Rating **	C	Issue No.	89
LM End	8.77	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.411637 °	38.411959 °
				-121.530312 °	-121.529838 °
DWR ID	DWR_RD0999_05_s _ 2018_89				
Comment Code					
T4 : Trim trees over roadway to at least 12 feet above ground level.					
Inspector Comment					

No Photos

LM Start	8.74	Rating **	N	Issue No.	164	
LM End	8.74	Issue Type +	Ma	Location *	WS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Trim / Thin Trees			38.411668 °		38.411668 °
				-121.530162 °		-121.530162 °
DWR ID	DWR_RD0999_05_s _ 2020_164					
Comment Code						
T5 : Tree stumps.						
Inspector Comment						

Photo 1 of 1 : SP\_2021\_RD0999\_236\_164\_20210308\_00057.jpg



View of a large tree stump on the waterside slope. Spring 2020

<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 2021

### Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Elk Slough	Right	9.48	03/23/2021 03/23/2021	Saskia Donovan

LM Start	8.81	Rating **	C	Issue No.	162
LM End	8.81	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.412585 °	38.412585 °
				-121.529707 °	-121.529707 °
DWR ID	DWR_RD0999_05_s_2020_162				
Comment Code					
T4 : Trim trees over roadway to at least 12 feet above ground level.					
Inspector Comment					

No Photos

LM Start	8.83	Rating **	M	Issue No.	130
LM End	8.83	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.412788 °	38.412788 °
				-121.529682 °	-121.529682 °
DWR ID	DWR_RD0999_05_s_2019_130				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					

No Photos

LM Start	8.84	Rating **	M	Issue No.	159
LM End	8.84	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.412893 °	38.412893 °
				-121.529670 °	-121.529670 °
DWR ID	DWR_RD0999_05_f_2020_159				
Comment Code					
PR : Prunings					
Inspector Comment					

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 2021

### Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Elk Slough	Right	9.48	03/23/2021 03/23/2021	Saskia Donovan

LM Start	<b>8.86</b>	Rating **	C	Issue No.	<b>150</b>
LM End	<b>8.86</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Trim / Thin Trees		38.413190 °	38.413190 °	
			-121.529757 °	-121.529757 °	
DWR ID	DWR_RD0999_05_f_2020_150				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

LM Start	<b>8.88</b>	Rating **	C	Issue No.	<b>157</b>
LM End	<b>8.90</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Trim / Thin Trees		38.413573 °	38.413813 °	
			-121.529765 °	-121.529785 °	
DWR ID	DWR_RD0999_05_s_2020_157				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

LM Start	<b>8.93</b>	Rating **	C	Issue No.	<b>144</b>
LM End	<b>8.93</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.414262 °	38.414262 °	
			-121.529800 °	-121.529800 °	
DWR ID	DWR_RD0999_05_f_2020_144				
Comment Code					
PR : Prunings					
Inspector Comment					

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 2021

### Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Elk Slough	Right	9.48	03/23/2021 03/23/2021	Saskia Donovan

LM Start	<b>8.96</b>	Rating **	C	Issue No.	<b>153</b>
LM End	<b>8.96</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Trim / Thin Trees		38.414705 °	38.414705 °	
			-121.529735 °	-121.529735 °	
DWR ID	DWR_RD0999_05_s _ 2020_153				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

LM Start	<b>8.99</b>	Rating **	C	Issue No.	<b>151</b>
LM End	<b>8.99</b>	Issue Type +	Ma	Location *	CR
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Trim / Thin Trees		38.415123 °	38.415123 °	
			-121.529690 °	-121.529690 °	
DWR ID	DWR_RD0999_05_s _ 2020_151				
Comment Code					
T4 : Trim trees over roadway to at least 12 feet above ground level.					
Inspector Comment					

No Photos

LM Start	<b>9.00</b>	Rating **	C	Issue No.	<b>133</b>
LM End	<b>9.03</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.415270 °	38.415222 °	
			-121.529577 °	-121.529272 °	
DWR ID	DWR_RD0999_05_s _ 2019_133				
Comment Code					
PR : Prunings					
Inspector Comment					

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 2021**

**Reclamation District No. 0999 Netherlands**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Elk Slough	Right	9.48	03/23/2021 03/23/2021	Saskia Donovan

LM Start	<b>9.16</b>	Rating **	C	Issue No.	<b>140</b>
LM End	<b>9.16</b>	Issue Type +	Ma	Location *	CR
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.415560 °	38.415560 °	
			-121.527215 °	-121.527215 °	
DWR ID	DWR_RD0999_05_f_2020_140				
Comment Code					
TR : Tree or limb					
Inspector Comment					
The tree limbs have been removed. Spring 2021.					

No Photos

LM Start	<b>9.21</b>	Rating **	C	Issue No.	<b>113</b>
LM End	<b>9.21</b>	Issue Type +	Ma	Location *	CR
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Trim / Thin Trees		38.415008 °	38.415008 °	
			-121.526812 °	-121.526812 °	
DWR ID	DWR_RD0999_05_s_2020_113				
Comment Code					
T4 : Trim trees over roadway to at least 12 feet above ground level.					
Inspector Comment					

No Photos

LM Start	<b>9.28</b>	Rating **	C	Issue No.	<b>111</b>
LM End	<b>9.28</b>	Issue Type +	Ma	Location *	CR
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Trim / Thin Trees		38.414148 °	38.414148 °	
			-121.526048 °	-121.526048 °	
DWR ID	DWR_RD0999_05_s_2020_111				
Comment Code					
T4 : Trim trees over roadway to at least 12 feet above ground level.					
Inspector Comment					

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 2021

### Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Elk Slough	Right	9.48	03/23/2021 03/23/2021	Saskia Donovan

LM Start	<b>9.39</b>	Rating **	A/W	Issue No.	<b>114</b>
LM End	<b>9.39</b>	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				
Comment Code					
V4 : Elderberries are blocking visibility and flood fight capability.					
Inspector Comment					

No Photos

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

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

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