

**Flood Control Project Maintenance  
Levee Inspections**

**Fall 2019 Levee Maintenance Deficiency Summary Report**

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

**Sacramento River Basin**

Overall LMA Rating	Total LMA Miles									
		Maintenance Deficiency				Enforcement		Design & System Obsolescence		
M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles			
<b>NA0004</b>	<b>U</b>	<b>11.27</b>								
<b>Marysville Levee Commission</b>										
<i>Earthen Levee</i>										
Vegetation	4.67		4.67	41.45%						
Encroachments					0.32					
Slope Stability	0.03	0.01	0.07	0.62%						
<i>Supplemental</i>										
DRAFT DWR UCIP Field Study					0.18					
<i>LMA Totals:</i>	4.70	0.01	4.74	42.07%	0.50	0.00	0.00	0.00		
<b>Overall Unit Rating</b>	<b>Total Unit Miles</b>									
<b>NA0004</b>	<b>U</b>	<b>3.23</b>								
<b>Unit No. 01 Simmerly Slough LB</b>										
<i>Earthen Levee</i>										
Vegetation	1.63		1.63	50.40%						
Encroachments					0.22					
<i>Supplemental</i>										
DRAFT DWR UCIP Field Study					0.04					
<i>Unit Totals:</i>	1.63	0.00	1.63	50.40%	0.26	0.00	0.00	0.00		
<b>Overall Unit Rating</b>	<b>Total Unit Miles</b>									
<b>NA0004</b>	<b>A</b>	<b>1.25</b>								
<b>Unit No. 02 Feather River LB</b>										
<i>Supplemental</i>										
DRAFT DWR UCIP Field Study					0.02					
<i>Unit Totals:</i>	0.00	0.00	0.00	0.00%	0.02	0.00	0.00	0.00		
<b>Overall Unit Rating</b>	<b>Total Unit Miles</b>									
<b>NA0004</b>	<b>U</b>	<b>6.79</b>								
<b>Unit No. 03 Yuba River RB</b>										
<i>Earthen Levee</i>										
Vegetation	3.04		3.04	44.80%						
Encroachments					0.10					
Slope Stability	0.03	0.01	0.07	1.03%						
<i>Supplemental</i>										
DRAFT DWR UCIP Field Study					0.12					
<i>Unit Totals:</i>	3.07	0.01	3.11	45.83%	0.22	0.00	0.00	0.00		

**Flood Control Project Maintenance  
Levee Inspections**

**LMA District Cover Sheet**

**Fall 2019 Levee Inspection Results**

**Marysville Levee Commission**

	Spring (March - May)	Summer ** (June - August)	Fall (September - November)	Winter ** (December - February)
† Overall LMA Rating (Fall Only)			U	

\*\* Non-receipt of Summer or Winter Inspection Reports may effect overall annual rating.

† **SPRING INSPECTIONS:** Overall maintenance ratings are not determined for the spring inspection results. Individual maintenance deficiencies are rated using the same criteria in the spring and in the fall.

**FALL INSPECTIONS:** The overall maintenance rating shown above is based on operation and maintenance deficiencies identified within the attached unit inspection reports. This rating is not intended to be an indication of risk.

Comments


**Flood Control Project Maintenance  
Levee Inspections**

**Unit Cover Sheet**

**Fall 2019 Levee Inspection Results**

**Marysville Levee Commission**

Waterway		Bank	Unit Miles	
Unit No. 01 Simmerly Slough		Left	3.23	
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			<b>U</b>	
Date of Inspection	4/17/2019 - 4/17/2019		11/5/2019 - 11/5/2019	
DWR Inspector	Sterling York		Sterling York	
Accompanied By	Frank Miller Marysville Levee District		Frank Miller Marysville Levee District	

**Summer & Winter Inspections**

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

<http://cdec.water.ca.gov/lma.html>

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

*The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.*

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2019**

**Marysville Levee Commission**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Simmerly Slough	Left	3.23	11/05/2019 11/05/2019	Sterling York

LM Start		Rating **	A	Issue No.	<b>4</b>
LM End		Issue Type +	Ma	Location *	N/A
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Operations & Maintenance Manuals		o	o	o
			o	o	o
DWR ID	DWR_NA0004_01_s_2013_4				
Comment Code					
Inspector Comment					
O&M manuals are located at the district office.					

No Photos

LM Start		Rating **	A	Issue No.	<b>5</b>
LM End		Issue Type +	Ma	Location *	N/A
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Emergency Supplies & Equipment		o	o	o
			o	o	o
DWR ID	DWR_NA0004_01_s_2013_5				
Comment Code					
Inspector Comment					
LMA has adequate emergency flood fight supplies which are at their shop/office located at 214 1st St.					

No Photos

LM Start		Rating **	A	Issue No.	<b>6</b>
LM End		Issue Type +	Ma	Location *	N/A
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Flood Preparedness & Training		o	o	o
			o	o	o
DWR ID	DWR_NA0004_01_s_2013_6				
Comment Code					
Inspector Comment					
NA0004 employees participate in a flood fight training that is sponsored by RD784 each year.					

No Photos

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

**Levee Inspection Report By Mile - Fall 2019**

**Marysville Levee Commission**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Simmerly Slough	Left	3.23	11/05/2019 11/05/2019	Sterling York

LM Start	<b>0.45</b>	Rating **	A/W	Issue No.	<b>37 (cont)</b>
LM End	<b>0.45</b>	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DRAFT DWR UCIP LMA Responsibility			39.153107°	39.153107°
				-121.594835°	-121.594835°
DWR ID	19090				
Comment Code					
Inspector Comment					
DS_ID:19090 FS_ID:52792 EP_NO: N/A Repair Type: No Action Needed Crossing Status: Found UCIP Comments: FIELD_STRUCT_DESC: 36-inch corrugated metal drainage pipe through levee, 27 feet below crown. Flap gate and concrete "U" headwall on waterside (WS) end. Slide gate in 48-inch corrugated metal riser on WS slope of pipe. Steel walkway to control gate. Outfall drains from Ellis Lake. Concrete headwall at both toes. Concrete base under riser units. Steel riser unit and slide gate added under Permit No. 4041, 1962-Marysville Levee Commission. [Additional Reference(s): DWR Levee Logs, 1993 and 2005. USACE Sacramento O&M Manual Unit No. 147, August 1955, (Station 8+48)] FS Date: 3/14/2013					

Photo 3 of 3 : UCIP\_FA\_2019\_52792\_69742.jpg



View of waterward slope.

LM Start	<b>0.72</b>	Rating **	M	Issue No.	<b>12</b>
LM End	<b>1.27</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			39.156248°	39.160562°
				-121.591992°	-121.590265°
DWR ID	DWR_NA0004_01_f_2019_12				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
The annual vegetation in this section needs to be maintained, Fall 2019.					

No Photos

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

**Levee Inspection Report By Mile - Fall 2019**

**Marysville Levee Commission**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Simmerly Slough	Left	3.23	11/05/2019 11/05/2019	Sterling York

LM Start	<b>0.72</b>	Rating **	M	Issue No.	<b>13</b>
LM End	<b>1.26</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			39.156278°	39.160696°
				-121.591972°	-121.590343°
DWR ID	DWR_NA0004_01_f_2019_13				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
The annual vegetation in this section needs to be maintained, Fall 2019.					

No Photos

LM Start	<b>0.96</b>	Rating **	M	Issue No.	<b>38</b>
LM End	<b>0.96</b>	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DRAFT DWR UCIP Field Study			39.158946°	39.158946°
				-121.589930°	-121.589930°
DWR ID	19100				
Comment Code					
Inspector Comment					
DS_ID:19100 FS_ID:52796 EP_NO: 14518 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: 03/14/2013 Recommend having owner removing tall grass along slopes to properly inspect signs of pipe failure. (DWR UCIP - O. Magana) FIELD_STRUCT_DESC: 1 of 2: 10-inch steel drainage pipe through levee, 4 feet below crown. Flap gate on waterside (WS) end. Concrete vault on WS shoulder. Metal meter box on the landside (LS) shoulder. Pump placed on concrete footings at toe of LS slope. Drainage for underpass. Pipes approximately 2.5-feet apart. (10-inch pipe removed and replaced with new 10-inch pipe authorized under Permit No. 14518, 1987-State Department of Transportation). [Additional Reference(s): DWR Levee Logs, 1993 and 2005] FS Date: 3/14/2013					

Photo 1 of 3 : UCIP\_FA\_2019\_52796\_69758.jpg



View of landward side.

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

**Levee Inspection Report By Mile - Fall 2019**

**Marysville Levee Commission**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Simmerly Slough	Left	3.23	11/05/2019 11/05/2019	Sterling York

LM Start	<b>0.96</b>	Rating **	M	Issue No.	<b>38 (cont)</b>
LM End	<b>0.96</b>	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DRAFT DWR UCIP Field Study			39.158946°	39.158946°
				-121.589930°	-121.589930°
DWR ID	19100				
Comment Code					
Inspector Comment					
DS_ID:19100 FS_ID:52796 EP_NO: 14518 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: 03/14/2013 Recommend having owner removing tall grass along slopes to properly inspect signs of pipe failure. (DWR UCIP - O. Magana) FIELD_STRUCT_DESC: 1 of 2: 10-inch steel drainage pipe through levee, 4 feet below crown. Flap gate on waterside (WS) end. Concrete vault on WS shoulder. Metal meter box on the landside (LS) shoulder. Pump placed on concrete footings at toe of LS slope. Drainage for underpass. Pipes approximately 2.5-feet apart. (10-inch pipe removed and replaced with new 10-inch pipe authorized under Permit No. 14518, 1987-State Department of Transportation). [Additional Reference(s): DWR Levee Logs, 1993 and 2005] FS Date: 3/14/2013					

Photo 2 of 3 : UCIP\_FA\_2019\_52796\_69757.jpg



Concrete vault on waterward shoulder with manhole.

LM Start	<b>0.96</b>	Rating **	M	Issue No.	<b>38 (cont)</b>
LM End	<b>0.96</b>	Issue Type +	En	Location *	

Photo 3 of 3 : UCIP\_FA\_2019\_52796\_69756.jpg



Close up view of manhole.

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

**Levee Inspection Report By Mile - Fall 2019**

**Marysville Levee Commission**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Simmerly Slough	Left	3.23	11/05/2019 11/05/2019	Sterling York

LM Start	<b>0.96</b>	Rating **	M	Issue No.	<b>39</b>
LM End	<b>0.96</b>	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DRAFT DWR UCIP Field Study			39.158951°	39.158951°
				-121.589929°	-121.589929°
DWR ID	19093				
Comment Code					
Inspector Comment					
DS_ID:19093 FS_ID:52797 EP_NO: 14518 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: 03/14/2013 Recommend having owner removing tall grass along slopes to properly inspect signs of pipe failure. (DWR UCIP - O. Magana) FIELD_STRUCT_DESC: 2 of 2: 10-inch steel drainage pipe through levee, 4 feet below crown. Flap gate on waterside (WS) end. Concrete vault on WS shoulder. Metal meter box on the landside (LS) shoulder. Pump placed on concrete footings at toe of LS slope. Drainage for underpass. Pipes approximately 2.5-feet apart. (10-inch pipe removed and replaced with new 10-inch pipe authorized under Permit No. 14518, 1987-State Department of Transportation). [Additional Reference(s): DWR Levee Logs, 1993 and 2005] FS Date: 3/14/2013					

Photo 1 of 3 : UCIP\_FA\_2019\_52797\_69762.jpg



View of pump concrete building located on landward side.

LM Start	<b>0.96</b>	Rating **	M	Issue No.	<b>39 (cont)</b>
LM End	<b>0.96</b>	Issue Type +	En	Location *	

Photo 2 of 3 : UCIP\_FA\_2019\_52797\_69761.jpg



Concrete vault located on waterward shoulder.

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

**Levee Inspection Report By Mile - Fall 2019**

**Marysville Levee Commission**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Simmerly Slough	Left	3.23	11/05/2019 11/05/2019	Sterling York

LM Start	<b>0.96</b>	Rating **	M	Issue No.	<b>39 (cont)</b>
LM End	<b>0.96</b>	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DRAFT DWR UCIP Field Study			39.158951 °	39.158951 °
				-121.589929 °	-121.589929 °
DWR ID	19093				
Comment Code					
Inspector Comment					
DS_ID:19093 FS_ID:52797 EP_NO: 14518 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: 03/14/2013 Recommend having owner removing tall grass along slopes to properly inspect signs of pipe failure. (DWR UCIP - O. Magana) FIELD_STRUCT_DESC: 2 of 2: 10-inch steel drainage pipe through levee, 4 feet below crown. Flap gate on waterside (WS) end. Concrete vault on WS shoulder. Metal meter box on the landside (LS) shoulder. Pump placed on concrete footings at toe of LS slope. Drainage for underpass. Pipes approximately 2.5-feet apart. (10-inch pipe removed and replaced with new 10-inch pipe authorized under Permit No. 14518, 1987-State Department of Transportation). [Additional Reference(s): DWR Levee Logs, 1993 and 2005] FS Date: 3/14/2013					

Photo 3 of 3 : UCIP\_FA\_2019\_52797\_69760.jpg



Close up of manhole.

LM Start	<b>0.97</b>	Rating **	M	Issue No.	<b>36</b>
LM End	<b>1.19</b>	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			39.159210 °	39.161576 °
				-121.590033 °	-121.590721 °
DWR ID	DWR_NA0004_01_f_2013_36				
Comment Code					
RW : Retaining Wall					
Inspector Comment					
A concrete retaining wall was cut into levee toe, no permit found.					

Photo 1 of 1 : FA\_2019\_NA0004\_104\_36\_20190904\_00001.jpg



View of the concrete retaining wall at the toe of the levee on the waterward side looking downstream.

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

**Levee Inspection Report By Mile - Fall 2019**

**Marysville Levee Commission**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Simmerly Slough	Left	3.23	11/05/2019 11/05/2019	Sterling York

LM Start	<b>1.33</b>	Rating **	A	Issue No.	<b>10</b>
LM End	<b>3.16</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		39.159731°	39.164068°	
			-121.589749°	-121.560825°	
DWR ID	DWR_NA0004_01_f_2019_10				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
The annual vegetation in this section is well maintained, Fall 2019.					

Photo 1 of 1 : FA\_2019\_NA0004\_104\_10\_20191112\_00015.jpg



View looking downstream waterside at the annual vegetation that is well maintained, Fall 2019.

LM Start	<b>1.37</b>	Rating **	A	Issue No.	<b>11</b>
LM End	<b>2.62</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		39.159271°	39.165276°	
			-121.589468°	-121.570324°	
DWR ID	DWR_NA0004_01_f_2019_11				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
The annual vegetation in this section is well maintained, Fall 2019.					

Photo 1 of 1 : FA\_2019\_NA0004\_104\_11\_20191112\_00016.jpg



View looking downstream landside at the annual vegetation that is well maintained, Fall 2019.

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

**Levee Inspection Report By Mile - Fall 2019**

**Marysville Levee Commission**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Simmerly Slough	Left	3.23	11/05/2019 11/05/2019	Sterling York

LM Start	<b>1.41</b>	Rating **	M	Issue No.	<b>40</b>
LM End	<b>1.41</b>	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DRAFT DWR UCIP Field Study			39.159270°	39.159270°
				-121.589015°	-121.589015°
DWR ID	19097				
Comment Code					
Inspector Comment					
DS_ID:19097 FS_ID:41003 EP_NO: 14036 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: 03/19/2013 Unable to determine if utility crosses levee--no marker visible on WS. AT&T representative was out near crossing and she referred us to David Parmenter, AT&T Engineer, 530-477-3099. Will need to contact AT&T to determine if any crossing goes through the levees at Marysville. (DWR UCIP - O. Magana) FIELD_STRUCT_DESC: 1-inch fiber optic communication line through levee 60-inch below crown crosses line. Crosses overflow areas and channel. (1-inch fiber optic cable authorized under Permit No. 14036, 1986-United Telecom Communication). [Additional Reference(s): DWR Levee Logs, 1993 and 2005] FS Date: 3/19/2013					

No Photos

LM Start	<b>2.62</b>	Rating **	M	Issue No.	<b>9</b>
LM End	<b>3.16</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			39.165291°	39.164068°
				-121.570215°	-121.560825°
DWR ID	DWR_NA0004_01_f_2019_9				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
The annual vegetation in this section needs to be maintained, Fall 2019.					

Photo 1 of 1 : FA\_2019\_NA0004\_104\_9\_20191112\_00014.jpg



View looking downstream landside at the annual vegetation that needs to be maintained, Fall 2019.

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

**Unit Cover Sheet**

**Fall 2019 Levee Inspection Results**

**Marysville Levee Commission**

Waterway		Bank	Unit Miles
Unit No. 02 Feather River		Left	1.25
	Spring (March - May)	Summer (June - August)	(September - November) Fall Winter (December - February)
Unit Maintenance Rating (Fall Only)			<b>A</b>
Date of Inspection	4/17/2019 - 4/17/2019		11/5/2019 - 11/5/2019
DWR Inspector	Sterling York		Sterling York
Accompanied By	Frank Miller Marysville Levee District		Frank Miller Marysville Levee District

**Summer & Winter Inspections**

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

<http://cdec.water.ca.gov/lma.html>

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

*The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.*

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2019**

**Marysville Levee Commission**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Feather River	Left	1.25	11/05/2019 11/05/2019	Sterling York

LM Start	<b>0.01</b>	Rating **	A	Issue No.	<b>3</b>
LM End	<b>1.21</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		39.149380°	39.134667°	
			-121.601102°	-121.594671°	
DWR ID	DWR_NA0004_02_f_2019_3				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
The annual vegetation is well maintained, Fall 2019.					

Photo 1 of 1 : FA\_2019\_NA0004\_105\_3\_20191112\_00012.jpg



View looking downstream landside at the well maintained annual vegetation, Fall 2019.

LM Start	<b>0.01</b>	Rating **	A	Issue No.	<b>4</b>
LM End	<b>1.21</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		39.149379°	39.134667°	
			-121.601102°	-121.594671°	
DWR ID	DWR_NA0004_02_f_2019_4				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
The annual vegetation is well maintained, Fall 2019.					

Photo 1 of 1 : FA\_2019\_NA0004\_105\_4\_20191112\_00013.jpg



View looking downstream waterside at the well maintained annual vegetation, Fall 2019.

LM Start	<b>0.22</b>	Rating **	A/W	Issue No.	<b>8</b>
LM End	<b>0.22</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Slope Stability		39.146352°	39.146352°	
			-121.600724°	-121.600724°	
DWR ID	DWR_NA0004_02_f_2016_8				
Comment Code					
S2 : Repair the levee slope damaged by foot traffic and prevent access where possible.					
Inspector Comment					
Foot path depression in the landside levee slope shows no sign of erosion and the slope is stable, Fall 2019.					

Photo 1 of 1 : FA\_2019\_NA0004\_105\_8\_20190904\_00002.jpg



View of foot path depression in the landside levee slope.

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

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2019**

**Marysville Levee Commission**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Feather River	Left	1.25	11/05/2019 11/05/2019	Sterling York

LM Start	<b>0.72</b>	Rating **	A	Issue No.	<b>5</b>
LM End	<b>0.72</b>	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Crown Surface / Depressions / Rutting			39.139958 °	39.139958 °
				-121.601648 °	-121.601648 °
DWR ID	DWR_NA0004_02_s_2019_5				
Comment Code					
C1 : Add appropriate material and re-grade the levee to bring the crown above the design elevation.					
Inspector Comment					
There is ongoing construction at the Fifth Street Bridge, Spring 2019.					

Photo 1 of 1 : FA\_2019\_NA0004\_105\_5\_20190904\_00001.jpg



View looking at the Fifth Street Bridge abutment waterside on the left bank of the Feather River, completion is estimated for the end of 2019.

LM Start	<b>0.72</b>	Rating **	A/W	Issue No.	<b>6</b>
LM End	<b>1.24</b>	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Crown Surface / Depressions / Rutting			39.139958 °	39.134223 °
				-121.601648 °	-121.594079 °
DWR ID	DWR_NA0004_02_f_2019_6				
Comment Code					
C1 : Add appropriate material and re-grade the levee to bring the crown above the design elevation.					
Inspector Comment					
New levee construction in this section of levee, Fall 2019.					

Photo 1 of 1 : FA\_2019\_NA0004\_105\_6\_20191112\_00014.jpg



View looking upstream at the new construction of the levee in this section, Fall 2019.

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

**Levee Inspection Report By Mile - Fall 2019**

**Marysville Levee Commission**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Feather River	Left	1.25	11/05/2019 11/05/2019	Sterling York

LM Start	<b>0.82</b>	Rating **	C	Issue No.	<b>13</b>
LM End	<b>0.82</b>	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			39.138827°	39.138827°
				-121.599530°	-121.599530°
DWR ID	DWR_NA0004_02_f_2016_13				
Comment Code					
S2 : Repair the levee slope damaged by foot traffic and prevent access where possible.					
Inspector Comment					
Foot path depression in the landside levee slope has been repaired due to new constriction of the levee, Fall 2019.					

No Photos

LM Start	<b>0.85</b>	Rating **	C	Issue No.	<b>14</b>
LM End	<b>0.85</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			39.138463°	39.138463°
				-121.599168°	-121.599168°
DWR ID	DWR_NA0004_02_f_2016_14				
Comment Code					
S2 : Repair the levee slope damaged by foot traffic and prevent access where possible.					
Inspector Comment					
Foot path depression in the landside levee slope has been repaired due to new constriction of the levee, Fall 2019.					

No Photos

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

**Levee Inspection Report By Mile - Fall 2019**

**Marysville Levee Commission**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Feather River	Left	1.25	11/05/2019 11/05/2019	Sterling York

LM Start	<b>0.87</b>	Rating **	M	Issue No.	<b>15</b>
LM End	<b>0.87</b>	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DRAFT DWR UCIP Field Study			39.138269 °	39.138269 °
				-121.599004 °	-121.599004 °
DWR ID	19123				
Comment Code					
Inspector Comment					
DS_ID:19123 FS_ID:52808 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: 03/15/2013 Unable to tell if crossing goes through levee; according to Frank Miller crossing does not cross levee. Need to contact owner to confirm alignment. (DWR UCIP - O. Magana) FIELD_STRUCT_DESC: Fiber optics communication line of unknown material through levee at an unknown depth below the crown. Marker on waterside (WS) shoulder. [Additional Reference(s): DWR Levee Logs, 1993 and 2005] FS Date: 3/15/2013					

Photo 1 of 3 : UCIP\_FA\_2019\_52808\_69802.jpg



View of waterward slope.

LM Start	<b>0.87</b>	Rating **	M	Issue No.	<b>15 (cont)</b>
LM End	<b>0.87</b>	Issue Type +	En	Location *	

Photo 2 of 3 : UCIP\_FA\_2019\_52808\_69801.jpg



Buried fiber optical cable marker with contact information located on landward shoulder.

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

**Levee Inspection Report By Mile - Fall 2019**

**Marysville Levee Commission**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Feather River	Left	1.25	11/05/2019 11/05/2019	Sterling York

LM Start	<b>0.87</b>	Rating **	M	Issue No.	<b>15 (cont)</b>
LM End	<b>0.87</b>	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DRAFT DWR UCIP Field Study			39.138269 °	39.138269 °
				-121.599004 °	-121.599004 °
DWR ID	19123				
Comment Code					
Inspector Comment					
DS_ID:19123 FS_ID:52808 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: 03/15/2013 Unable to tell if crossing goes through levee; according to Frank Miller crossing does not cross levee. Need to contact owner to confirm alignment. (DWR UCIP - O. Magana) FIELD_STRUCT_DESC: Fiber optics communication line of unknown material through levee at an unknown depth below the crown. Marker on waterside (WS) shoulder. [Additional Reference(s): DWR Levee Logs, 1993 and 2005] FS Date: 3/15/2013					

Photo 3 of 3 : UCIP\_FA\_2019\_52808\_69800.jpg



View of landward side with bldg that could be associated with cable line.

LM Start	<b>0.91</b>	Rating **	M	Issue No.	<b>16</b>
LM End	<b>0.91</b>	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DRAFT DWR UCIP Field Study			39.137749 °	39.137749 °
				-121.598560 °	-121.598560 °
DWR ID	19104				
Comment Code					
Inspector Comment					
DS_ID:19104 FS_ID:52809 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: 03/15/2013 Unable to tell if crossing goes through levee. Need to contact owner to confirm alignment. (DWR UCIP - O. Magana) FIELD_STRUCT_DESC: 12-inch high-density polyethylene (HDPE) conduit, with electrical lines, through the levee at an unknown depth through the levee. Extends to controller cabinet within the overflow area. FS Date: 3/15/2013					

Photo 1 of 3 : UCIP\_FA\_2019\_52809\_69804.jpg



View of markers located on waterward toe.

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

**Levee Inspection Report By Mile - Fall 2019**

**Marysville Levee Commission**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Feather River	Left	1.25	11/05/2019 11/05/2019	Sterling York

LM Start	<b>0.91</b>	Rating **	M	Issue No.	<b>16 (cont)</b>
LM End	<b>0.91</b>	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DRAFT DWR UCIP Field Study			39.137749°	39.137749°
				-121.598560°	-121.598560°
DWR ID	19104				
Comment Code					
Inspector Comment					
DS_ID:19104 FS_ID:52809 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: 03/15/2013 Unable to tell if crossing goes through levee. Need to contact owner to confirm alignment. (DWR UCIP - O. Magana) FIELD_STRUCT_DESC: 12-inch high-density polyethylene (HDPE) conduit, with electrical lines, through the levee at an unknown depth through the levee. Extends to controller cabinet within the overflow area. FS Date: 3/15/2013					

Photo 2 of 3 : UCIP\_FA\_2019\_52809\_69805.jpg



View of markers located on waterward toe.

LM Start	<b>0.91</b>	Rating **	M	Issue No.	<b>16 (cont)</b>
LM End	<b>0.91</b>	Issue Type +	En	Location *	

Photo 3 of 3 : UCIP\_FA\_2019\_52809\_69806.jpg



Close up of markers located at toe of waterward side.

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

**Unit Cover Sheet**

**Fall 2019 Levee Inspection Results**

**Marysville Levee Commission**

Waterway		Bank	Unit Miles	
Unit No. 03 Yuba River		Right	6.79	
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			<b>U</b>	
Date of Inspection	4/17/2019 - 4/17/2019		11/5/2019 - 11/5/2019	
DWR Inspector	Sterling York		Sterling York	
Accompanied By	Frank Miller Marysville Levee District		Frank Miller Marysville Levee District	

**Summer & Winter Inspections**

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

<http://cdec.water.ca.gov/lma.html>

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

*The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.*

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2019**

**Marysville Levee Commission**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Yuba River	Right	6.79	11/05/2019 11/05/2019	Sterling York

LM Start	<b>0.04</b>	Rating **	M	Issue No.	<b>42</b>
LM End	<b>0.04</b>	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DRAFT DWR UCIP Field Study			39.135010°	39.135010°
				-121.593225°	-121.593225°
DWR ID	25055				
Comment Code					
Inspector Comment					
<p>DS_ID:25055                  FS_ID:52811                  EP_NO: N/A                  Repair Type: Non-Urgent                  Crossing Status: Found                  UCIP Comments: 09/14/2018 Pipe size was changed from 10-inch to 12-inch based on drawings made available through Permit 15178 and 15178-1. (DWR UCIP - O. Magana)                  03/14/2013 Appears that crossing is currently not in use. If crossing is to be abandoned, owner will need to contact CVFPB to coordinate about proper removal. (DWR UCIP - O. Magana)                  FIELD_STRUCT_DESC: 12-inch sewer line visible on landside (LS). According to Marysville Treatment Plant Manager this crossing was installed in 1995-1996. Coordinates for box located on LS: 39.135185, -121.593254. Note coordinates used for levee crossing are projected coordinates. 12-inch gravity flow pipelines goes through levee and the 36-inch pipeline parallels with the waterside toe of the right bank levee of the Yuba River. (12-inch extending-to-36-inch-diameter chlorine contact pipe line authorized under Permit 16055, 1993-City of Marysville; related permit - existing 12-inch line connects to effluent splitter box located southwest at the City of Marysville Effluent Disposal Ponds along the right bank of the Yuba River and new 24-inch installed at existing effluent splitter box and connects to the Proposed ponds along the left bank of the Yuba River work authorized under Permit 15178, 1989 - City of Marysville Department of Public Works)                  FS Date: 3/14/2013</p>					

Photo 1 of 3 : UCIP\_FA\_2019\_52811\_72681.jpg



Inside view of concrete box.

LM Start	<b>0.04</b>	Rating **	M	Issue No.	<b>42 (cont)</b>
LM End	<b>0.04</b>	Issue Type +	En	Location *	

Photo 2 of 3 : UCIP\_FA\_2019\_52811\_72680.jpg



View of concrete box located on landward side--crossing not in use according to Marysville Sewage Treatment Plant Manager.

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

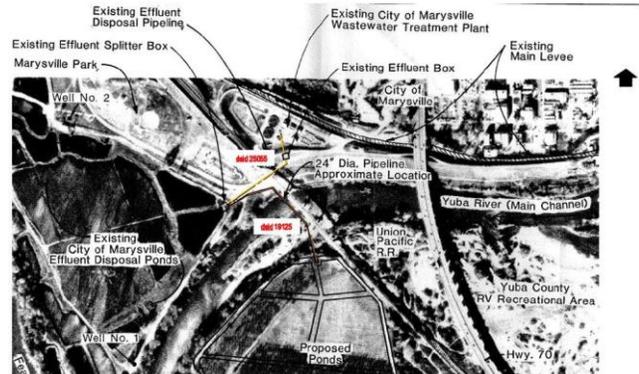
**Levee Inspection Report By Mile - Fall 2019**

**Marysville Levee Commission**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Yuba River	Right	6.79	11/05/2019 11/05/2019	Sterling York

LM Start	<b>0.04</b>	Rating **	M	Issue No.	<b>42 (cont)</b>
LM End	<b>0.04</b>	Issue Type +	En	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DRAFT DWR UCIP Field Study		39.135010°	39.135010°	
			-121.593225°	-121.593225°	
DWR ID	25055				
Comment Code					
Inspector Comment					
<p>DS_ID:25055                  FS_ID:52811                  EP_NO: N/A                  Repair Type: Non-Urgent                  Crossing Status: Found                  UCIP Comments: 09/14/2018 Pipe size was changed from 10-inch to 12-inch based on drawings made available through Permit 15178 and 15178-1. (DWR UCIP - O. Magana)                  03/14/2013 Appears that crossing is currently not in use. If crossing is to be abandoned, owner will need to contact CVFPB to coordinate about proper removal. (DWR UCIP - O. Magana)                  FIELD_STRUCT_DESC: 12-inch sewer line visible on landside (LS). According to Marysville Treatment Plant Manager this crossing was installed in 1995-1996. Coordinates for box located on LS: 39.135185, -121.593254. Note coordinates used for levee crossing are projected coordinates. 12-inch gravity flow pipelines goes through levee and the 36-inch pipeline parallels with the waterside toe of the right bank levee of the Yuba River. (12-inch extending-to-36-inch-diameter chlorine contact pipe line authorized under Permit 16055, 1993-City of Marysville; related permit - existing 12-inch line connects to effluent splitter box located southwest at the City of Marysville Effluent Disposal Ponds along the right bank of the Yuba River and new 24-inch installed at existing effluent splitter box and connects to the Proposed ponds along the left bank of the Yuba River work authorized under Permit 15178, 1989 - City of Marysville Department of Public Works)                  FS Date: 3/14/2013</p>					

Photo 3 of 3 : UCIP\_FA\_2019\_52811\_77949.jpg



Alignment of crossing through levee per dwgs under Permit 15178 and 15178-1.

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

**Levee Inspection Report By Mile - Fall 2019**

**Marysville Levee Commission**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Yuba River	Right	6.79	11/05/2019 11/05/2019	Sterling York

LM Start	<b>0.07</b>	Rating **	M	Issue No.	<b>43</b>
LM End	<b>0.07</b>	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DRAFT DWR UCIP Field Study			39.135090°	39.135090°
				-121.592663°	-121.592663°
DWR ID	19126				
Comment Code					
Inspector Comment					
DS_ID:19126 FS_ID:52812 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 03/15/2013 Owner will need to coordinate with DWR-Inspector and CVFPB to determine if crossing meets Title 23 requirements for proper abandonment. (DWR UCIP - O. Magana) FIELD_STRUCT_DESC: *ABANDONED* 24-inch drainage pipe of unknown material through levee at an unknown depth. Pipe completely grouted in levee section, cut at slopes. Coordinates for box located on landward side: 39.135259, -121.592593. Note coordinates used for levee crossing are projected coordinates. (24-inch pipe grouted within the levee section authorized under Permit No. 4174, 1963-City of Marysville) FS Date: 3/15/2013					

Photo 1 of 3 : UCIP\_FA\_2019\_52812\_69812.jpg



Abandoned line sealed with metal plate.

LM Start	<b>0.07</b>	Rating **	M	Issue No.	<b>43 (cont)</b>
LM End	<b>0.07</b>	Issue Type +	En	Location *	

Photo 2 of 3 : UCIP\_FA\_2019\_52812\_69811.jpg



Standpipe where old line is still located.

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

**Levee Inspection Report By Mile - Fall 2019**

**Marysville Levee Commission**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Yuba River	Right	6.79	11/05/2019 11/05/2019	Sterling York

LM Start	<b>0.07</b>	Rating **	M	Issue No.	<b>43 (cont)</b>
LM End	<b>0.07</b>	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DRAFT DWR UCIP Field Study			39.135090°	39.135090°
				-121.592663°	-121.592663°
DWR ID	19126				
Comment Code					
Inspector Comment					
DS_ID:19126 FS_ID:52812 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 03/15/2013 Owner will need to coordinate with DWR-Inspector and CVFPB to determine if crossing meets Title 23 requirements for proper abandonment. (DWR UCIP - O. Magana) FIELD_STRUCT_DESC: *ABANDONED* 24-inch drainage pipe of unknown material through levee at an unknown depth. Pipe completely grouted in levee section, cut at slopes. Coordinates for box located on landward side: 39.135259, -121.592593. Note coordinates used for levee crossing are projected coordinates. (24-inch pipe grouted within the levee section authorized under Permit No. 4174, 1963-City of Marysville) FS Date: 3/15/2013					

Photo 3 of 3 : UCIP\_FA\_2019\_52812\_69810.jpg



View of levee slope on waterward.

LM Start	<b>0.13</b>	Rating **	A	Issue No.	<b>15</b>
LM End	<b>3.28</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			39.135163°	39.167281°
				-121.591581°	-121.557126°
DWR ID	DWR_NA0004_03_f_2019_15				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
The annual vegetation in this section is well maintained, Fall 2019.					

Photo 1 of 1 : FA\_2019\_NA0004\_106\_15\_20191112\_00044.jpg



View looking upstream landside at the well maintained annual vegetation in this section, Fall 2019.

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

**Levee Inspection Report By Mile - Fall 2019**

**Marysville Levee Commission**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Yuba River	Right	6.79	11/05/2019 11/05/2019	Sterling York

LM Start	<b>0.13</b>	Rating **	A	Issue No.	<b>19</b>
LM End	<b>3.29</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			39.135158°	39.167404°
				-121.591577°	-121.557044°
DWR ID	DWR_NA0004_03_f_2019_19				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
The annual vegetation in this section is well maintained, Fall 2019.					

Photo 1 of 1 : FA\_2019\_NA0004\_106\_19\_20191112\_00045.jpg



View looking upstream waterside at the well maintained annual vegetation in this section, Fall 2019.

LM Start	<b>0.26</b>	Rating **	M	Issue No.	<b>44</b>
LM End	<b>0.26</b>	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DRAFT DWR UCIP Field Study			39.135128°	39.135128°
				-121.589100°	-121.589100°
DWR ID	19130				
Comment Code					
Inspector Comment					
DS_ID:19130 FS_ID:40944 EP_NO: 2550 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: 03/19/2013 Pacbell manhole on LS slope unable to determine if this manhole is part of submarine cable crossing. Will need to contact the City of Marysville. (DWR UCIP - O. Magana) FIELD_STRUCT_DESC: Submarine cable crossings, two underground telephone cables through levee, 4.6 feet, below crown. Concrete cutoff wall around cables underneath crown. (Permit No. 2550, 1957-Marysville Levee District). [Additional Reference(s): DWR Levee Logs, 1993 and 2005] FS Date: 3/19/2013					

No Photos

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

**Levee Inspection Report By Mile - Fall 2019**

**Marysville Levee Commission**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Yuba River	Right	6.79	11/05/2019 11/05/2019	Sterling York

LM Start	<b>0.26</b>	Rating **	A	Issue No.	<b>16</b>
LM End	<b>0.40</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			39.135118°	39.135327°
				-121.589054°	-121.586508°
DWR ID	DWR_NA0004_03_s_2019_16				
Comment Code					
T3 : Trim and thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comment					
Continue to trim and remove the starter trees in this location, Fall 2019.					

Photo 1 of 1 : FA\_2019\_NA0004\_106\_16\_20191112\_00046.jpg



View looking upstream waterside where intrusive starter trees need to be trimmed and sprayed, Fall 2019.

LM Start	<b>0.47</b>	Rating **	M	Issue No.	<b>45</b>
LM End	<b>0.47</b>	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DRAFT DWR UCIP Field Study			39.135932°	39.135932°
				-121.585529°	-121.585529°
DWR ID	19133				
Comment Code					
Inspector Comment					
DS_ID:19133 FS_ID:52815 EP_NO: 1983 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: 03/15/2013 Need to contact owner. Unable to determine if crossing is still in use. (DWR UCIP - O. Magana) FIELD_STRUCT_DESC: 0.75-inch water line through the levee at an unknown depth through the levee. Water meter at landside (LS) toe. Extends from nearby buildings, bunkers, suction dredge on waterside (WS). (Permit No. 1983, 1959-Yuba River Sand Company). [Additional Reference(s): DWR Levee Logs, 1993 and 2005] FS Date: 3/15/2013					

Photo 1 of 2 : UCIP\_FA\_2019\_52815\_72683.jpg



Underground service alert (USA) blue paint indicators of water line present on landward side.

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

**Levee Inspection Report By Mile - Fall 2019**

**Marysville Levee Commission**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Yuba River	Right	6.79	11/05/2019 11/05/2019	Sterling York

LM Start	0.47	Rating **	M	Issue No.	45 (cont)
LM End	0.47	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DRAFT DWR UCIP Field Study			39.135932°	39.135932°
				-121.585529°	-121.585529°
DWR ID	19133				
Comment Code					
Inspector Comment					
DS_ID:19133 FS_ID:52815 EP_NO: 1983 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: 03/15/2013 Need to contact owner. Unable to determine if crossing is still in use. (DWR UCIP - O. Magana) FIELD_STRUCT_DESC: 0.75-inch water line through the levee at an unknown depth through the levee. Water meter at landside (LS) toe. Extends from nearby buildings, bunkers, suction dredge on waterside (WS). (Permit No. 1983, 1959-Yuba River Sand Company). [Additional Reference(s): DWR Levee Logs, 1993 and 2005] FS Date: 3/15/2013					

Photo 2 of 2 : UCIP\_FA\_2019\_52815\_72682.jpg



View of waterward slope--unable to confirm if crossing is active--line buried.

LM Start	0.58	Rating **	M	Issue No.	46
LM End	0.58	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DRAFT DWR UCIP Field Study			39.136556°	39.136556°
				-121.583626°	-121.583626°
DWR ID	25059				
Comment Code					
Inspector Comment					
DS_ID:25059 FS_ID:52819 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: 03/14/2013 Need to coordinate with owner to determine status of crossing, details of crossing (install date and pipe size) and CVFPB permit number issued. (DWR UCIP - O. Magana) FIELD_STRUCT_DESC: Communication line marker found near levee crown. FS Date: 3/14/2013					

Photo 1 of 3 : UCIP\_FA\_2019\_52819\_72696.jpg



View of landward side.

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

**Levee Inspection Report By Mile - Fall 2019**

**Marysville Levee Commission**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Yuba River	Right	6.79	11/05/2019 11/05/2019	Sterling York

LM Start	<b>0.58</b>	Rating **	M	Issue No.	<b>46 (cont)</b>
LM End	<b>0.58</b>	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DRAFT DWR UCIP Field Study			39.136556 °	39.136556 °
				-121.583626 °	-121.583626 °
DWR ID	25059				
Comment Code					
Inspector Comment					
DS_ID:25059 FS_ID:52819 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: 03/14/2013 Need to coordinate with owner to determine status of crossing, details of crossing (install date and pipe size) and CVFPB permit number issued. (DWR UCIP - O. Magana) FIELD_STRUCT_DESC: Communication line marker found near levee crown. FS Date: 3/14/2013					

Photo 2 of 3 : UCIP\_FA\_2019\_52819\_72695.jpg



View of landward side.

LM Start	<b>0.58</b>	Rating **	M	Issue No.	<b>46 (cont)</b>
LM End	<b>0.58</b>	Issue Type +	En	Location *	

Photo 3 of 3 : UCIP\_FA\_2019\_52819\_72694.jpg



Fiber Optic Cable marker visible on landward side.

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

**Levee Inspection Report By Mile - Fall 2019**

**Marysville Levee Commission**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Yuba River	Right	6.79	11/05/2019 11/05/2019	Sterling York

LM Start	<b>0.72</b>	Rating **	M	Issue No.	<b>25</b>
LM End	<b>0.72</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			39.138261 °	39.138261 °
				-121.583318 °	-121.583318 °
DWR ID	DWR_NA0004_03_f_2016_25				
Comment Code					
BU : Building					
Inspector Comment					
There is no permit for this house.					

Photo 1 of 1 : FA\_2019\_NA0004\_106\_25\_20190904\_00006.jpg



View of house and shed at the landside levee toe looking upstream.

LM Start	<b>0.74</b>	Rating **	M	Issue No.	<b>26</b>
LM End	<b>0.77</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			39.138676 °	39.139039 °
				-121.583366 °	-121.583335 °
DWR ID	DWR_NA0004_03_f_2016_26				
Comment Code					
FE : Fence					
Inspector Comment					
There is an unpermitted fence along levee toe.					

Photo 1 of 1 : FA\_2019\_NA0004\_106\_26\_20190904\_00007.jpg



View of fence that runs along landside levee toe.

LM Start	<b>0.83</b>	Rating **	M	Issue No.	<b>4</b>
LM End	<b>0.83</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			39.139843 °	39.139843 °
				-121.583033 °	-121.583033 °
DWR ID	DWR_NA0004_03_s_2012_4				
Comment Code					
BU : Building					
Inspector Comment					
This building is at least 30 years old and is part of the PG&E site, no permit was found.					

Photo 1 of 1 : FA\_2019\_NA0004\_106\_4\_20190904\_00001.jpg



Building encroaching at landside levee toe.

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

**Levee Inspection Report By Mile - Fall 2019**

**Marysville Levee Commission**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Yuba River	Right	6.79	11/05/2019 11/05/2019	Sterling York

LM Start	<b>1.00</b>	Rating **	A/W	Issue No.	<b>30</b>
LM End	<b>1.00</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			39.142167°	39.142167°
				-121.582817°	-121.582817°
DWR ID	DWR_NA0004_03_f_2016_30				
Comment Code					
S2 : Repair the levee slope damaged by foot traffic and prevent access where possible.					
Inspector Comment					
Ruts cut in by vehicle traffic on the landside slope show no sign of erosion, slope is stable, Fall 2019.					

No Photos

LM Start	<b>1.16</b>	Rating **	A/W	Issue No.	<b>32</b>
LM End	<b>1.16</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			39.144392°	39.144392°
				-121.582930°	-121.582930°
DWR ID	DWR_NA0004_03_f_2016_32				
Comment Code					
S3 : Repair the levee slope damaged by vehicle traffic and prevent access where possible.					
Inspector Comment					
Ruts cut in by vehicle traffic on the landside slope show no sign of erosion, slope is stable, Fall 2019.					

Photo 1 of 1 : FA\_2019\_NA0004\_106\_32\_20190904\_00009.jpg



View of ruts cut in by vehicle traffic on the waterside slope.

LM Start	<b>1.28</b>	Rating **	U	Issue No.	<b>33</b>
LM End	<b>1.28</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			39.145723°	39.145723°
				-121.581323°	-121.581323°
DWR ID	DWR_NA0004_03_f_2016_33				
Comment Code					
S2 : Repair the levee slope damaged by foot traffic and prevent access where possible.					
Inspector Comment					
Path cut in by foot traffic on the landside slope needs to be repaired.					

Photo 1 of 1 : FA\_2019\_NA0004\_106\_33\_20190904\_00010.jpg



View of path cut in by foot traffic on the landside slope that needs repaired.

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

**Levee Inspection Report By Mile - Fall 2019**

**Marysville Levee Commission**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Yuba River	Right	6.79	11/05/2019 11/05/2019	Sterling York

LM Start	<b>1.29</b>	Rating **	M	Issue No.	<b>35</b>
LM End	<b>1.33</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			39.145757°	39.146233°
				-121.581280°	-121.580724°
DWR ID	DWR_NA0004_03_f_2016_35				
Comment Code					
FE : Fence					
Inspector Comment					
Unpermitted fence encroaches on the levee toe.					

Photo 1 of 1 : FA\_2019\_NA0004\_106\_35\_20190904\_00011.jpg



View of fence on the landside toe.

LM Start	<b>1.59</b>	Rating **	M	Issue No.	<b>47</b>
LM End	<b>1.59</b>	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DRAFT DWR UCIP Field Study			39.148891°	39.148891°
				-121.577420°	-121.577420°
DWR ID	25468				
Comment Code					
Inspector Comment					
DS_ID:25468 FS_ID:52821 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: 6/29/2016 Underground Service Alert (USA) markings visible on levee crown. Unable to determine pipe size, depth below crown, or permit authorizing line. Need to find owner and obtain status of crossing. (DWR UCIP - omagana) FIELD_STRUCT_DESC: Sewer line of unknown material through the levee at an unknown depth. FS Date: 6/29/2016					

Photo 1 of 3 : UCIP\_FA\_2019\_52821\_75777.jpg



View of levee crown at crossing.

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

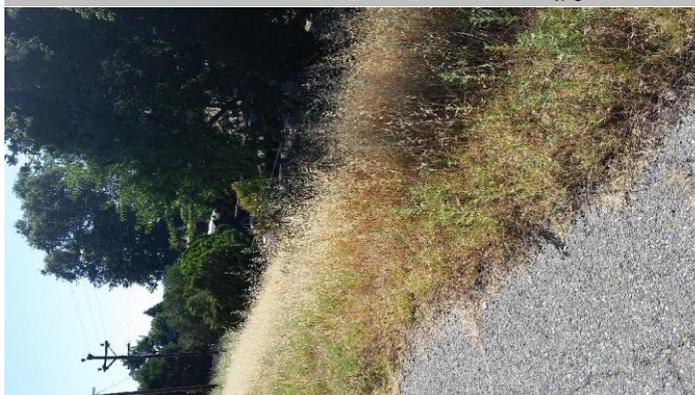
**Levee Inspection Report By Mile - Fall 2019**

**Marysville Levee Commission**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Yuba River	Right	6.79	11/05/2019 11/05/2019	Sterling York

LM Start	<b>1.59</b>	Rating **	M	Issue No.	<b>47 (cont)</b>
LM End	<b>1.59</b>	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DRAFT DWR UCIP Field Study			39.148891°	39.148891°
				-121.577420°	-121.577420°
DWR ID	25468				
Comment Code					
Inspector Comment					
DS_ID:25468 FS_ID:52821 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: 6/29/2016 Underground Service Alert (USA) markings visible on levee crown. Unable to determine pipe size, depth below crown, or permit authorizing line. Need to find owner and obtain status of crossing. (DWR UCIP - omagana) FIELD_STRUCT_DESC: Sewer line of unknown material through the levee at an unknown depth. FS Date: 6/29/2016					

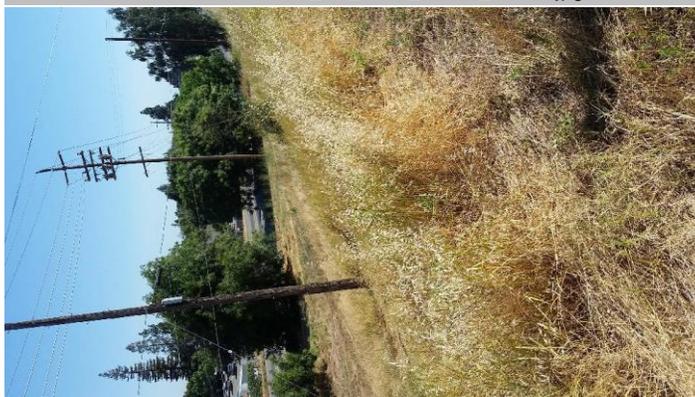
Photo 2 of 3 : UCIP\_FA\_2019\_52821\_75778.jpg



View of WS--dense vegetation on slope.

LM Start	<b>1.59</b>	Rating **	M	Issue No.	<b>47 (cont)</b>
LM End	<b>1.59</b>	Issue Type +	En	Location *	

Photo 3 of 3 : UCIP\_FA\_2019\_52821\_75779.jpg



View of LS--dense vegetation on slope.

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

**Levee Inspection Report By Mile - Fall 2019**

**Marysville Levee Commission**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Yuba River	Right	6.79	11/05/2019 11/05/2019	Sterling York

LM Start	<b>1.60</b>	Rating **	M	Issue No.	<b>48</b>
LM End	<b>1.60</b>	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DRAFT DWR UCIP Field Study			39.149063°	39.149063°
				-121.577190°	-121.577190°
DWR ID	19142				
Comment Code					
Inspector Comment					
DS_ID:19142 FS_ID:52822 EP_NO: 7066 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: 03/14/2013 Unable to take coordinates due to limited access to waterward side, used desk study coordinates. (DWR UCIP - O. Magana) FIELD_STRUCT_DESC: 14-inch drainage pipe through levee, 6 feet below levee crown. Discharges into Ellis Lake. Slant pump mounted on metal pump stand located approximately 150 feet from waterside toe. (14-inch pipe authorized under Permit No. 7066B, 7066A, 7066, 1970-City of Marysville). [Additional Reference(s): DWR Levee Logs, 1993 and 2005] FS Date: 3/14/2013					

Photo 1 of 1 : UCIP\_FA\_2019\_52822\_17200.jpg



As-built dwg provided by Marysville Water Waste Treatment Plant.

LM Start	<b>1.61</b>	Rating **	M	Issue No.	<b>18</b>
LM End	<b>1.61</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			39.149098°	39.149098°
				-121.577162°	-121.577162°
DWR ID	DWR_NA0004_03_f_2016_18				
Comment Code					
S2 : Repair the levee slope damaged by foot traffic and prevent access where possible.					
Inspector Comment					
Erosion from foot traffic should be repaired.					

Photo 1 of 1 : FA\_2019\_NA0004\_106\_18\_20190904\_00005.jpg



View of foot path that has cut into landside levee slope.

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

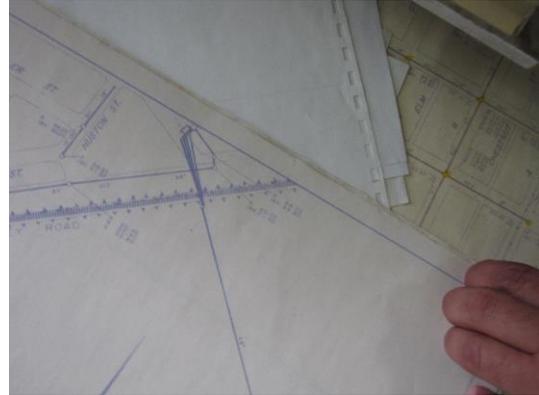
**Levee Inspection Report By Mile - Fall 2019**

**Marysville Levee Commission**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Yuba River	Right	6.79	11/05/2019 11/05/2019	Sterling York

LM Start	<b>2.18</b>	Rating **	M	Issue No.	<b>50</b>
LM End	<b>2.18</b>	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DRAFT DWR UCIP Field Study			39.154741 °	39.154741 °
				-121.569413 °	-121.569413 °
DWR ID	19160				
Comment Code					
Inspector Comment					
DS_ID:19160 FS_ID:52825 EP_NO: 2149 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: 03/14/2013 Depression observed on waterward toe filled with concrete rubble and riprap. Need to coordinate with City to determine records and extent of modifications if any. (DWR UCIP - O. Magana) FIELD_STRUCT_DESC: [17th & Howell Pump Station] 2 of 4: 10-inch steel drainage pipe, buried 15-feet below the crown. Runs parallel to other drainpipes, encased in concrete approximately 1-foot spacing. Pipe extends from storm water pump house to manhole (259 feet) north of landside (LS) toe. Flap gates and vent pipes at waterside (WS) toe. Discharges into concrete distribution box (3-foot by 4-foot). (three 30-inch and one 10-inch pipes and a 48-inch outfall pipe across the berm along the right bank of the Yuba River authorized under Permit No. 2149, 1956-City of Marysville). [Additional Reference(s): DWR Levee Logs, 1993 and 2005] FS Date: 3/14/2013					

Photo 1 of 3 : UCIP\_FA\_2019\_52825\_69835.jpg



As-builts provided by Marysville Water Treatment.

LM Start	<b>2.18</b>	Rating **	M	Issue No.	<b>50 (cont)</b>
LM End	<b>2.18</b>	Issue Type +	En	Location *	

Photo 2 of 3 : UCIP\_FA\_2019\_52825\_69834.jpg



Concrete box and vent pipes located on waterward slope.

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

**Levee Inspection Report By Mile - Fall 2019**

**Marysville Levee Commission**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Yuba River	Right	6.79	11/05/2019 11/05/2019	Sterling York

LM Start	<b>2.18</b>	Rating **	M	Issue No.	<b>50 (cont)</b>	
LM End	<b>2.18</b>	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DRAFT DWR UCIP Field Study			39.154741°	39.154741°	
				-121.569413°	-121.569413°	
DWR ID	19160					
Comment Code						
Inspector Comment						
DS_ID:19160 FS_ID:52825 EP_NO: 2149 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: 03/14/2013 Depression observed on waterward toe filled with concrete rubble and riprap. Need to coordinate with City to determine records and extent of modifications if any. (DWR UCIP - O. Magana) FIELD_STRUCT_DESC: [17th & Howell Pump Station] 2 of 4: 10-inch steel drainage pipe, buried 15-feet below the crown. Runs parallel to other drainpipes, encased in concrete approximately 1-foot spacing. Pipe extends from storm water pump house to manhole (259 feet) north of landside (LS) toe. Flap gates and vent pipes at waterside (WS) toe. Discharges into concrete distribution box (3-foot by 4-foot). (three 30-inch and one 10-inch pipes and a 48-inch outfall pipe across the berm along the right bank of the Yuba River authorized under Permit No. 2149, 1956-City of Marysville). [Additional Reference(s): DWR Levee Logs, 1993 and 2005] FS Date: 3/14/2013						

Photo 3 of 3 : UCIP\_FA\_2019\_52825\_69833.jpg



Concrete box located on waterward slope.

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

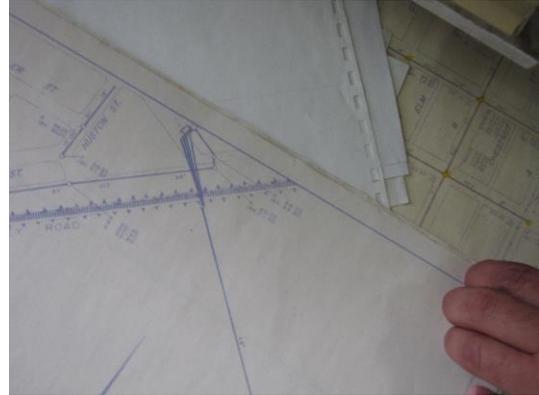
**Levee Inspection Report By Mile - Fall 2019**

**Marysville Levee Commission**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Yuba River	Right	6.79	11/05/2019 11/05/2019	Sterling York

LM Start	<b>2.18</b>	Rating **	M	Issue No.	<b>51</b>
LM End	<b>2.18</b>	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DRAFT DWR UCIP Field Study			39.154746°	39.154746°
				-121.569406°	-121.569406°
DWR ID	19162				
Comment Code					
Inspector Comment					
DS_ID:19162 FS_ID:52826 EP_NO: 2149 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: 03/14/2013 Depression observed on waterward toe filled with concrete rubble and riprap. Need to coordinate with City to determine records and extent of modifications if any. (DWR UCIP - O. Magana) FIELD_STRUCT_DESC: [17th & Howell Pump Station] 3 of 4: 24-inch steel drainage pipe (instead of 30 inch as specified in permit), buried 15-feet below the crown. Runs parallel to other drainpipes, encased in concrete approximately 1-foot spacing. Pipe extends from storm water pump house to manhole (259 feet) north of landside (LS) toe. Flap gates and vent pipes at waterside (WS) toe. Discharges into concrete distribution box (3-foot by 4 foot). (three 30-inch and one 10-inch pipes and a 48-inch outfall pipe across the berm along the right bank of the Yuba River authorized under Permit No. 2149, 1956-City of Marysville). [Additional Reference(s): DWR Levee Logs, 1993 and 2005] FS Date: 3/14/2013					

Photo 1 of 3 : UCIP\_FA\_2019\_52826\_69840.jpg



As-built dwg of crossing provided by Marysville Water Treatment.

LM Start	<b>2.18</b>	Rating **	M	Issue No.	<b>51 (cont)</b>
LM End	<b>2.18</b>	Issue Type +	En	Location *	

Photo 2 of 3 : UCIP\_FA\_2019\_52826\_69839.jpg



View of waterward side.

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

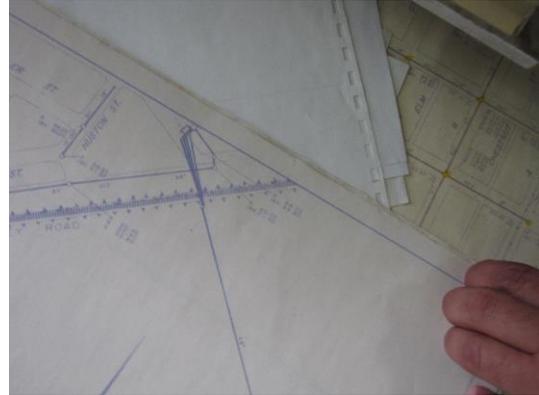
**Levee Inspection Report By Mile - Fall 2019**

**Marysville Levee Commission**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Yuba River	Right	6.79	11/05/2019 11/05/2019	Sterling York

LM Start	<b>2.18</b>	Rating **	M	Issue No.	<b>52</b>
LM End	<b>2.18</b>	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DRAFT DWR UCIP Field Study			39.154752°	39.154752°
				-121.569395°	-121.569395°
DWR ID	19161				
Comment Code					
Inspector Comment					
DS_ID:19161 FS_ID:52827 EP_NO: 2149 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: 03/14/2013 Depression observed on waterward toe filled with concrete rubble and riprap. Need to coordinate with City to determine records and extent of modifications if any. (DWR UCIP - O. Magana) FIELD_STRUCT_DESC: [17th & Howell Pump Station] 4 of 4: 24-inch steel drainage pipe (instead of 30 inch as specified in permit), buried 15-feet below the crown. Runs parallel to other drainpipes, encased in concrete approximately 1-foot spacing. Pipe extends from storm water pump house to manhole (259 feet) north of landward toe. Flap gates and vent pipes at waterside (WS) toe. Discharges into concrete distribution box (3-foot by 4 foot). (three 30-inch and one 10-inch pipes and a 48-inch outfall pipe across the berm along the right bank of the Yuba River authorized under Permit No. 2149, 1956-City of Marysville). [Additional Reference(s): DWR Levee Logs, 1993 and 2005] FS Date: 3/14/2013					

Photo 1 of 3 : UCIP\_FA\_2019\_52827\_69821.jpg



City of Marysville Wastewater Treatment Facility records indicating multiple crossings through levee.

LM Start	<b>2.18</b>	Rating **	M	Issue No.	<b>52 (cont)</b>
LM End	<b>2.18</b>	Issue Type +	En	Location *	

Photo 2 of 3 : UCIP\_FA\_2019\_52827\_69826.jpg



View of waterward side.

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

**Levee Inspection Report By Mile - Fall 2019**

**Marysville Levee Commission**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Yuba River	Right	6.79	11/05/2019 11/05/2019	Sterling York

LM Start	<b>2.18</b>	Rating **	M	Issue No.	<b>52 (cont)</b>
LM End	<b>2.18</b>	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DRAFT DWR UCIP Field Study			39.154752 °	39.154752 °
				-121.569395 °	-121.569395 °
DWR ID	19161				
Comment Code					
Inspector Comment					
<p>DS_ID:19161                      FS_ID:52827                      EP_NO: 2149                      Repair Type: Non-Urgent                      Crossing Status: Indicator Found                      UCIP Comments: 03/14/2013 Depression observed on waterward toe filled with concrete rubble and riprap. Need to coordinate with City to determine records and extent of modifications if any. (DWR UCIP - O. Magana)                      FIELD_STRUCT_DESC: [17th &amp; Howell Pump Station] 4 of 4: 24-inch steel drainage pipe (instead of 30 inch as specified in permit), buried 15-feet below the crown. Runs parallel to other drainpipes, encased in concrete approximately 1-foot spacing. Pipe extends from storm water pump house to manhole (259 feet) north of landward toe. Flap gates and vent pipes at waterside (WS) toe. Discharges into concrete distribution box (3-foot by 4 foot). (three 30-inch and one 10-inch pipes and a 48-inch outfall pipe across the berm along the right bank of the Yuba River authorized under Permit No. 2149, 1956-City of Marysville). [Additional Reference(s): DWR Levee Logs, 1993 and 2005]                      FS Date: 3/14/2013</p>					

Photo 3 of 3 : UCIP\_FA\_2019\_52827\_69820.jpg



View of waterward side--concrete distribution box and gate stems located on waterward slope.

LM Start	<b>2.21</b>	Rating **	A/W	Issue No.	<b>40</b>
LM End	<b>2.21</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			39.155076 °	39.155076 °
				-121.568970 °	-121.568970 °
DWR ID	DWR_NA0004_03_f_2016_40				
Comment Code					
S2 : Repair the levee slope damaged by foot traffic and prevent access where possible.					
Inspector Comment					
Ruts cut in by foot traffic on the landside slope show no sign of erosion, slope is stable, Fall 2019.					

No Photos

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

**Levee Inspection Report By Mile - Fall 2019**

**Marysville Levee Commission**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Yuba River	Right	6.79	11/05/2019 11/05/2019	Sterling York

LM Start	<b>2.55</b>	Rating **	M	Issue No.	<b>41</b>
LM End	<b>2.55</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Slope Stability		39.158509°	39.158509°	
			-121.564423°	-121.564423°	
DWR ID	DWR_NA0004_03_f_2016_41				
Comment Code					
S2 : Repair the levee slope damaged by foot traffic and prevent access where possible.					
Inspector Comment					
Erosion from foot traffic should be repaired.					

Photo 1 of 1 : FA\_2019\_NA0004\_106\_41\_20190904\_00014.jpg



View looking downstream of foot path that has cut into the landside slope.

LM Start	<b>3.29</b>	Rating **	M	Issue No.	<b>20</b>
LM End	<b>4.81</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		39.167404°	39.185124°	
			-121.557043°	-121.540373°	
DWR ID	DWR_NA0004_03_f_2019_20				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
The annual vegetation in this section needs to be mowed, burned and maintained, Fall 2019.					

No Photos

LM Start	<b>3.29</b>	Rating **	M	Issue No.	<b>21</b>
LM End	<b>4.81</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		39.167404°	39.185125°	
			-121.557043°	-121.540373°	
DWR ID	DWR_NA0004_03_f_2019_21				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
The annual vegetation in this section needs to be mowed, burned and maintained, Fall 2019.					

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**

**Levee Inspection Report By Mile - Fall 2019**

**Marysville Levee Commission**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Yuba River	Right	6.79	11/05/2019 11/05/2019	Sterling York

LM Start	<b>3.30</b>	Rating **	M	Issue No.	<b>53</b>
LM End	<b>3.30</b>	Issue Type +	En	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DRAFT DWR UCIP Field Study		39.167590°	39.167590°	
			-121.556903°	-121.556903°	
DWR ID	19116				
Comment Code					
Inspector Comment					
DS_ID:19116 FS_ID:52828 EP_NO: 15010 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 03/14/2013 Need to contact owner to determine status. Manholes present at the following locations: 39.166742598 - 121.55771393, 39.165767008 -121.558388687, 39.164557033 - 121.559197594 (DWR UCIP - O. Magana) FIELD_STRUCT_DESC: 8-inch fusion welded polyethylene gravity sewer pipe through levee, 8-feet below the levee crown. Shut-off valve within manhole located 46-feet waterside (WS) of levee shoulder. Encased in reinforced concrete through levee section. Extends parallel to levee, 10-feet from toe. (6-inch sewer and 12-inch water line authorized under Permit No. 15010, 1989-City of Marysville, 8-inch pipe installed instead of 6-inch pipe per permit records). [Additional Reference(s): DWR Levee Logs, 1993 and 2005] FS Date: 3/14/2013					

Photo 1 of 2 : UCIP\_FA\_2019\_52828\_25149.jpg



Manhole located on landward toe.

LM Start	<b>3.30</b>	Rating **	M	Issue No.	<b>53 (cont)</b>
LM End	<b>3.30</b>	Issue Type +	En	Location *	

Photo 2 of 2 : UCIP\_FA\_2019\_52828\_25148.jpg



View of landward side.

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

**Levee Inspection Report By Mile - Fall 2019**

**Marysville Levee Commission**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Yuba River	Right	6.79	11/05/2019 11/05/2019	Sterling York

LM Start	<b>4.84</b>	Rating **	A	Issue No.	<b>17</b>
LM End	<b>6.78</b>	Issue Type +	Ma	Location *	CR
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Crown Surface / Depressions / Rutting		39.185400 °	39.202392 °	
			-121.540019 °	-121.511184 °	
DWR ID	DWR_NA0004_03_s_2019_17				
Comment Code					
C3 : Add appropriate gravel or road base. Grade and compact.					
Inspector Comment					
This section is for patrol only. By letter dated 21 February 1964 the Reclamation Board of the State of California accepted the right bank levee of the Yuba River from Walnut Avenue to Hallwood Boulevard; operation and maintenance will be limited to the patrol road only.					

Photo 1 of 1 : FA\_2019\_NA0004\_106\_17\_20191112\_00047.jpg



View looking upstream crown of the section of levee that is only a patrol road and used in the case of emergency for evacuation access.

LM Start	<b>5.47</b>	Rating **	M	Issue No.	<b>10</b>
LM End	<b>5.47</b>	Issue Type +	En	Location *	CR
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		39.190920 °	39.190993 °	
			-121.530612 °	-121.530650 °	
DWR ID	DWR_NA0004_03_s_2012_10				
Comment Code					
RA : Ramp					
Inspector Comment					
This ramp is on the patrol road, no permit was found.					

Photo 1 of 1 : FA\_2019\_NA0004\_106\_10\_20190904\_00002.jpg



This ramp is on the patrol road, no known permit.

<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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