



# Stream Geomorphic Assessment

Agency of Natural Resources



Vermont.gov  
June, 24 2024

## Phase 1 - FIT - Legacy Data Report

## Walloomsac

SGAT Version: 4.56

Reach: **M02**

<u>Step</u>	<u>Description</u>	<u>Value</u>	
3.1	Alluvial Fan:	<b>None</b>	
3.2	Grade Control:	<b>Weir</b>	
4.3	Buffer Less Than 25 ft	<u>Left</u>	<u>Right</u>
		<b>5271</b>	<b>3012</b>
5.1	Flow Regulation - Type:		
	Use:		
5.2	# of Bridges or Culverts:	<b>1</b>	
	Total Length:	<b>299.600</b>	
5.3	Armoring Length	<u>Left</u>	<u>Right</u>
		<b>453.560</b>	<b>101.810</b>
		<b>00</b>	<b>00</b>
	Data Armoring:		
5.4	Straightening Length:	<b>12087.99023</b>	
	Straightening Data:		

<u>Step</u>	<u>Description</u>	<u>Value</u>	
5.5	Dredging History:	<b>None</b>	
6.1	Berms & Roads Data:		
		<u>One Side</u>	<u>Both Sides</u>
	Berms & Roads:	<b>6084.5298</b>	<b>0.0000</b>
	Berm:	<b>0.0000</b>	<b>0.0000</b>
	Path:	<b>0.000</b>	<b>0.000</b>
	Road:	<b>6084.5298</b>	<b>0.00000</b>
	Railroad:	<b>0.0000</b>	<b>0.00</b>
6.2	Corridor Development Data:		
	Length:	<b>1404.8999</b>	<b>1700.8301</b>
6.4	Miander Migration:	<b>Braiding</b>	
		<u>Old</u>	<u>New</u>
7.2	Bank Erosion:	<b>Low</b>	<b>799.4699707</b>
	Bank Height:	<b>Medium</b>	<b>5.200</b>



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Reach: **M03**

<u>Step</u>	<u>Description</u>	<u>Value</u>	
3.1	Alluvial Fan:	<b>None</b>	
3.2	Grade Control:	<b>Dam</b>	
4.3	Buffer Less Than 25 ft	<u>Left</u>	<u>Right</u>
		<b>824</b>	<b>1386</b>
5.1	Flow Regulation - Type:		
	Use:		
5.2	# of Bridges or Culverts:	<b>2</b>	
	Total Length:	<b>269.590</b>	
5.3	Armoring Length	<u>Left</u>	<u>Right</u>
		<b>202.340</b>	<b>120.140</b>
		<b>00</b>	<b>00</b>
	Data Armoring:		
5.4	Straightening Length:	<b>3182.47998</b>	
	Straightening Data:		

<u>Step</u>	<u>Description</u>	<u>Value</u>	
5.5	Dredging History:	<b>None</b>	
6.1	Berms & Roads Data:		
		<u>One Side</u>	<u>Both Sides</u>
	Berms & Roads:	<b>3290.3198</b>	<b>0.0000</b>
	Berm:	<b>0.0000</b>	<b>0.0000</b>
	Path:	<b>0.000</b>	<b>0.000</b>
	Road:	<b>3290.3198</b>	<b>0.00000</b>
	Railroad:	<b>0.0000</b>	<b>0.00</b>
6.2	Corridor Development Data:		
	Length:	<b>906.6100</b>	<b>1707.5200</b>
6.4	Miander Migration:	<b>Not Evaluated</b>	
		<u>Old</u>	<u>New</u>
7.2	Bank Erosion:	<b>None</b>	<b>0.0000000</b>
	Bank Height:	<b>N.D.</b>	<b>0.000</b>

Reach: **M04**

<u>Step</u>	<u>Description</u>	<u>Value</u>	
3.1	Alluvial Fan:	<b>None</b>	
3.2	Grade Control:	<b>None</b>	
4.3	Buffer Less Than 25 ft	<u>Left</u>	<u>Right</u>
		<b>319</b>	<b>1171</b>
5.1	Flow Regulation - Type:	<b>None</b>	
	Use:		
5.2	# of Bridges or Culverts:	<b>0</b>	
	Total Length:	<b>0.000</b>	
5.3	Armoring Length	<u>Left</u>	<u>Right</u>
		<b>30.5400</b>	<b>0.00000</b>
		<b>0</b>	
	Data Armoring:		
5.4	Straightening Length:	<b>2358.12988</b>	
	Straightening Data:		

<u>Step</u>	<u>Description</u>	<u>Value</u>	
5.5	Dredging History:	<b>None</b>	
6.1	Berms & Roads Data:	<b>None</b>	
		<u>One Side</u>	<u>Both Sides</u>
	Berms & Roads:	<b>0.0000</b>	<b>0.0000</b>
	Berm:	<b>0.0000</b>	<b>0.0000</b>
	Path:	<b>0.000</b>	<b>0.000</b>
	Road:	<b>0.0000</b>	<b>0.00000</b>
	Railroad:	<b>0.0000</b>	<b>0.00</b>
6.2	Corridor Development Data:		
	Length:	<b>1561.0801</b>	<b>0.0000</b>
6.4	Miander Migration:	<b>Not Evaluated</b>	
		<u>Old</u>	<u>New</u>
7.2	Bank Erosion:	<b>Low</b>	<b>182.7899933</b>
	Bank Height:	<b>Medium</b>	<b>14.000</b>



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Reach: **M05**

<u>Step</u>	<u>Description</u>	<u>Value</u>	
3.1	Alluvial Fan:	<b>None</b>	
3.2	Grade Control:	<b>None</b>	
4.3	Buffer Less Than 25 ft	<u>Left</u>	<u>Right</u>
		<b>4723</b>	<b>1152</b>
5.1	Flow Regulation - Type:	<b>None</b>	
	Use:		
5.2	# of Bridges or Culverts:	<b>1</b>	
	Total Length:	<b>76.800</b>	
5.3	Armoring Length	<u>Left</u>	<u>Right</u>
		<b>341.669</b>	<b>630.660</b>
		<b>98</b>	<b>03</b>
	Data Armoring:		
5.4	Straightening Length:	<b>1675.68005</b>	
	Straightening Data:		

<u>Step</u>	<u>Description</u>	<u>Value</u>	
5.5	Dredging History:	<b>None</b>	
6.1	Berms & Roads Data:	<u>One Side</u>	<u>Both Sides</u>
	Berms & Roads:	<b>3831.8901</b>	<b>1195.8800</b>
	Berm:	<b>317.7000</b>	<b>0.0000</b>
	Path:	<b>0.000</b>	<b>0.000</b>
	Road:	<b>3514.1899</b>	<b>1195.88000</b>
	Railroad:	<b>0.0000</b>	<b>0.00</b>
6.2	Corridor Development Data:		
	Length:	<b>3385.7800</b>	<b>974.5300</b>
6.4	Miander Migration:	<b>Multiple</b>	
		<u>Old</u>	<u>New</u>
7.2	Bank Erosion:	<b>Low</b>	<b>237.4600067</b>
	Bank Height:	<b>Low</b>	<b>4.500</b>

Reach: **M06**

<u>Step</u>	<u>Description</u>	<u>Value</u>	
3.1	Alluvial Fan:	<b>None</b>	
3.2	Grade Control:	<b>Multiple</b>	
4.3	Buffer Less Than 25 ft	<u>Left</u>	<u>Right</u>
		<b>650</b>	<b>243</b>
5.1	Flow Regulation - Type:		
	Use:		
5.2	# of Bridges or Culverts:	<b>3</b>	
	Total Length:	<b>137.980</b>	
5.3	Armoring Length	<u>Left</u>	<u>Right</u>
		<b>1389.15</b>	<b>590.140</b>
		<b>002</b>	<b>01</b>
	Data Armoring:		
5.4	Straightening Length:	<b>6646.02002</b>	
	Straightening Data:		

<u>Step</u>	<u>Description</u>	<u>Value</u>	
5.5	Dredging History:	<b>None</b>	
6.1	Berms & Roads Data:	<u>One Side</u>	<u>Both Sides</u>
	Berms & Roads:	<b>852.0300</b>	<b>2324.3398</b>
	Berm:	<b>0.0000</b>	<b>2012.9600</b>
	Path:	<b>0.000</b>	<b>0.000</b>
	Road:	<b>852.0300</b>	<b>311.38000</b>
	Railroad:	<b>0.0000</b>	<b>0.00</b>
6.2	Corridor Development Data:		
	Length:	<b>2130.1799</b>	<b>1125.9700</b>
6.4	Miander Migration:	<b>Not Evaluated</b>	
		<u>Old</u>	<u>New</u>
7.2	Bank Erosion:	<b>Low</b>	<b>3041.1699219</b>
	Bank Height:	<b>Medium</b>	<b>7.900</b>



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Reach: **M07**

<u>Step</u>	<u>Description</u>	<u>Value</u>	
3.1	Alluvial Fan:	<b>Yes</b>	
3.2	Grade Control:	<b>None</b>	
4.3	Buffer Less Than 25 ft	<u>Left</u>	<u>Right</u>
		<b>5095</b>	<b>2183</b>
5.1	Flow Regulation - Type:	<b>None</b>	
	Use:		
5.2	# of Bridges or Culverts:	<b>4</b>	
	Total Length:	<b>488.600</b>	
5.3	Armoring Length	<u>Left</u>	<u>Right</u>
		<b>0.00000</b>	<b>0.00000</b>
	Data Armoring:	<b>None</b>	
5.4	Straightening Length:	<b>957.06000</b>	
	Straightening Data:		

<u>Step</u>	<u>Description</u>	<u>Value</u>	
5.5	Dredging History:	<b>Dredging</b>	
6.1	Berms & Roads Data:	<u>One Side</u>	<u>Both Sides</u>
	Berms & Roads:	<b>445.0200</b>	<b>0.0000</b>
	Berm:		
	Path:		
	Road:	<b>445.0200</b>	
	Railroad:		
6.2	Corridor Development Data:		
	Length:	<b>683.2800</b>	<b>4623.0601</b>
6.4	Miander Migration:	<b>Not Evaluated</b>	
		<u>Old</u>	<u>New</u>
7.2	Bank Erosion:	<b>None</b>	
	Bank Height:	<b>N.D.</b>	

Reach: **M07S2.01**

<u>Step</u>	<u>Description</u>	<u>Value</u>	
3.1	Alluvial Fan:	<b>None</b>	
3.2	Grade Control:	<b>None</b>	
4.3	Buffer Less Than 25 ft	<u>Left</u>	<u>Right</u>
		<b>3159</b>	<b>2527</b>
5.1	Flow Regulation - Type:	<b>None</b>	
	Use:		
5.2	# of Bridges or Culverts:	<b>9</b>	
	Total Length:	<b>815.770</b>	
5.3	Armoring Length	<u>Left</u>	<u>Right</u>
		<b>0.00000</b>	<b>0.00000</b>
	Data Armoring:	<b>None</b>	
5.4	Straightening Length:	<b>0.00000</b>	
	Straightening Data:	<b>None</b>	

<u>Step</u>	<u>Description</u>	<u>Value</u>	
5.5	Dredging History:	<b>None</b>	
6.1	Berms & Roads Data:	<u>One Side</u>	<u>Both Sides</u>
	Berms & Roads:	<b>512.0100</b>	<b>0.0000</b>
	Berm:		
	Path:		
	Road:	<b>512.0100</b>	
	Railroad:		
6.2	Corridor Development Data:		
	Length:	<b>1573.9301</b>	<b>4436.3296</b>
6.4	Miander Migration:	<b>Not Evaluated</b>	
		<u>Old</u>	<u>New</u>
7.2	Bank Erosion:	<b>None</b>	
	Bank Height:	<b>N.D.</b>	



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Reach: **M08**

<u>Step</u>	<u>Description</u>	<u>Value</u>	
3.1	Alluvial Fan:	<b>Yes</b>	
3.2	Grade Control:	<b>None</b>	
4.3	Buffer Less Than 25 ft	<u>Left</u>	<u>Right</u>
		<b>2086</b>	<b>1669</b>
5.1	Flow Regulation - Type:	<b>None</b>	
	Use:		
5.2	# of Bridges or Culverts:	<b>6</b>	
	Total Length:	<b>790.540</b>	
5.3	Armoring Length	<u>Left</u>	<u>Right</u>
		<b>1735.00</b>	<b>0.00000</b>
	Data Armoring:		
5.4	Straightening Length:	<b>3717.97998</b>	
	Straightening Data:		

<u>Step</u>	<u>Description</u>	<u>Value</u>	
5.5	Dredging History:	<b>None</b>	
6.1	Berms & Roads Data:	<u>One Side</u>	<u>Both Sides</u>
	Berms & Roads:	<b>0.0000</b>	<b>0.0000</b>
	Berm:		
	Path:		
	Road:		
	Railroad:		
6.2	Corridor Development Data:		
	Length:	<b>0.0000</b>	<b>4042.3999</b>
6.4	Miander Migration:	<b>Not Evaluated</b>	
		<u>Old</u>	<u>New</u>
7.2	Bank Erosion:	<b>None</b>	
	Bank Height:	<b>N.D.</b>	

Reach: **M09**

<u>Step</u>	<u>Description</u>	<u>Value</u>	
3.1	Alluvial Fan:	<b>None</b>	
3.2	Grade Control:	<b>None</b>	
4.3	Buffer Less Than 25 ft	<u>Left</u>	<u>Right</u>
		<b>0</b>	<b>0</b>
5.1	Flow Regulation - Type:	<b>None</b>	
	Use:		
5.2	# of Bridges or Culverts:	<b>1</b>	
	Total Length:	<b>31.940</b>	
5.3	Armoring Length	<u>Left</u>	<u>Right</u>
		<b>0.00000</b>	<b>0.00000</b>
	Data Armoring:	<b>None</b>	
5.4	Straightening Length:	<b>1473.72998</b>	
	Straightening Data:		

<u>Step</u>	<u>Description</u>	<u>Value</u>	
5.5	Dredging History:	<b>None</b>	
6.1	Berms & Roads Data:	<u>One Side</u>	<u>Both Sides</u>
	Berms & Roads:	<b>1266.0800</b>	<b>0.0000</b>
	Berm:		
	Path:		
	Road:	<b>1266.0800</b>	
	Railroad:		
6.2	Corridor Development Data:		
	Length:	<b>768.1100</b>	<b>439.5900</b>
6.4	Miander Migration:	<b>Not Evaluated</b>	
		<u>Old</u>	<u>New</u>
7.2	Bank Erosion:	<b>None</b>	
	Bank Height:	<b>N.D.</b>	



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Reach: **M09T4.01**

<u>Step</u>	<u>Description</u>	<u>Value</u>	
3.1	Alluvial Fan:	<b>None</b>	
3.2	Grade Control:	<b>None</b>	
4.3	Buffer Less Than 25 ft	<u>Left</u>	<u>Right</u>
		<b>1906</b>	<b>635</b>
5.1	Flow Regulation - Type:	<b>None</b>	
	Use:		
5.2	# of Bridges or Culverts:	<b>3</b>	
	Total Length:	<b>689.560</b>	
5.3	Armoring Length	<u>Left</u>	<u>Right</u>
		<b>0.00000</b>	<b>0.00000</b>
	Data Armoring:	<b>None</b>	
5.4	Straightening Length:	<b>4872.64014</b>	
	Straightening Data:		

<u>Step</u>	<u>Description</u>	<u>Value</u>	
5.5	Dredging History:	<b>None</b>	
6.1	Berms & Roads Data:	<b>None</b>	
		<u>One Side</u>	<u>Both Sides</u>
	Berms & Roads:	<b>0.0000</b>	<b>0.0000</b>
	Berm:		
	Path:		
	Road:		
	Railroad:		
6.2	Corridor Development Data:		
	Length:	<b>209.8900</b>	<b>399.1200</b>
6.4	Miander Migration:	<b>Not Evaluated</b>	
		<u>Old</u>	<u>New</u>
7.2	Bank Erosion:	<b>None</b>	
	Bank Height:	<b>N.D.</b>	

Reach: **M09T4.02**

<u>Step</u>	<u>Description</u>	<u>Value</u>	
3.1	Alluvial Fan:	<b>None</b>	
3.2	Grade Control:	<b>None</b>	
4.3	Buffer Less Than 25 ft	<u>Left</u>	<u>Right</u>
		<b>521</b>	<b>260</b>
5.1	Flow Regulation - Type:	<b>None</b>	
	Use:		
5.2	# of Bridges or Culverts:	<b>1</b>	
	Total Length:	<b>114.680</b>	
5.3	Armoring Length	<u>Left</u>	<u>Right</u>
		<b>0.00000</b>	<b>0.00000</b>
	Data Armoring:	<b>None</b>	
5.4	Straightening Length:	<b>0.00000</b>	
	Straightening Data:	<b>None</b>	

<u>Step</u>	<u>Description</u>	<u>Value</u>	
5.5	Dredging History:	<b>None</b>	
6.1	Berms & Roads Data:	<b>None</b>	
		<u>One Side</u>	<u>Both Sides</u>
	Berms & Roads:	<b>0.0000</b>	<b>0.0000</b>
	Berm:		
	Path:		
	Road:		
	Railroad:		
6.2	Corridor Development Data:		
	Length:	<b>819.0700</b>	<b>0.0000</b>
6.4	Miander Migration:	<b>Not Evaluated</b>	
		<u>Old</u>	<u>New</u>
7.2	Bank Erosion:	<b>None</b>	
	Bank Height:	<b>N.D.</b>	



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Reach: **M09T4.03**

<u>Step</u>	<u>Description</u>	<u>Value</u>	
3.1	Alluvial Fan:	<b>None</b>	
3.2	Grade Control:	<b>None</b>	
4.3	Buffer Less Than 25 ft	<u>Left</u>	<u>Right</u>
		<b>508</b>	<b>1016</b>
5.1	Flow Regulation - Type:	<b>None</b>	
	Use:		
5.2	# of Bridges or Culverts:	<b>4</b>	
	Total Length:	<b>349.430</b>	
5.3	Armoring Length	<u>Left</u>	<u>Right</u>
		<b>0.00000</b>	<b>0.00000</b>
	Data Armoring:	<b>None</b>	
5.4	Straightening Length:	<b>2102.87012</b>	
	Straightening Data:		

<u>Step</u>	<u>Description</u>	<u>Value</u>	
5.5	Dredging History:	<b>None</b>	
6.1	Berms & Roads Data:	<u>One Side</u>	<u>Both Sides</u>
	Berms & Roads:	<b>4351.7002</b>	<b>0.0000</b>
	Berm:		
	Path:		
	Road:	<b>4351.7002</b>	
	Railroad:		
6.2	Corridor Development Data:		
	Length:	<b>830.8600</b>	<b>464.7100</b>
6.4	Miander Migration:	<b>Not Evaluated</b>	
		<u>Old</u>	<u>New</u>
7.2	Bank Erosion:	<b>None</b>	
	Bank Height:	<b>N.D.</b>	

Reach: **M09T4.04**

<u>Step</u>	<u>Description</u>	<u>Value</u>	
3.1	Alluvial Fan:	<b>None</b>	
3.2	Grade Control:	<b>None</b>	
4.3	Buffer Less Than 25 ft	<u>Left</u>	<u>Right</u>
		<b>233</b>	<b>233</b>
5.1	Flow Regulation - Type:	<b>None</b>	
	Use:		
5.2	# of Bridges or Culverts:	<b>1</b>	
	Total Length:	<b>80.590</b>	
5.3	Armoring Length	<u>Left</u>	<u>Right</u>
		<b>0.00000</b>	<b>0.00000</b>
	Data Armoring:	<b>None</b>	
5.4	Straightening Length:	<b>3691.27002</b>	
	Straightening Data:		

<u>Step</u>	<u>Description</u>	<u>Value</u>	
5.5	Dredging History:	<b>None</b>	
6.1	Berms & Roads Data:	<u>One Side</u>	<u>Both Sides</u>
	Berms & Roads:	<b>0.0000</b>	<b>0.0000</b>
	Berm:		
	Path:		
	Road:		
	Railroad:		
6.2	Corridor Development Data:		
	Length:	<b>588.2100</b>	<b>0.0000</b>
6.4	Miander Migration:	<b>Not Evaluated</b>	
		<u>Old</u>	<u>New</u>
7.2	Bank Erosion:	<b>None</b>	
	Bank Height:	<b>N.D.</b>	



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Reach: **M09T5.01**

<u>Step</u>	<u>Description</u>	<u>Value</u>	
3.1	Alluvial Fan:	<b>None</b>	
3.2	Grade Control:	<b>None</b>	
4.3	Buffer Less Than 25 ft	<u>Left</u>	<u>Right</u>
		<b>0</b>	<b>172</b>
5.1	Flow Regulation - Type:	<b>None</b>	
	Use:		
5.2	# of Bridges or Culverts:	<b>0</b>	
	Total Length:	<b>0.000</b>	
5.3	Armoring Length	<u>Left</u>	<u>Right</u>
		<b>0.00000</b>	<b>0.00000</b>
	Data Armoring:	<b>None</b>	
5.4	Straightening Length:	<b>1106.34998</b>	
	Straightening Data:		

<u>Step</u>	<u>Description</u>	<u>Value</u>	
5.5	Dredging History:	<b>None</b>	
6.1	Berms & Roads Data:		
		<u>One Side</u>	<u>Both Sides</u>
	Berms & Roads:	<b>366.3300</b>	<b>0.0000</b>
	Berm:		
	Path:		
	Road:	<b>366.3300</b>	
	Railroad:		
6.2	Corridor Development Data:		
	Length:	<b>937.2200</b>	<b>0.0000</b>
6.4	Miander Migration:	<b>Not Evaluated</b>	
		<u>Old</u>	<u>New</u>
7.2	Bank Erosion:	<b>None</b>	
	Bank Height:	<b>N.D.</b>	

Reach: **M09T5.02**

<u>Step</u>	<u>Description</u>	<u>Value</u>	
3.1	Alluvial Fan:	<b>None</b>	
3.2	Grade Control:	<b>None</b>	
4.3	Buffer Less Than 25 ft	<u>Left</u>	<u>Right</u>
		<b>0</b>	<b>125</b>
5.1	Flow Regulation - Type:	<b>None</b>	
	Use:		
5.2	# of Bridges or Culverts:	<b>1</b>	
	Total Length:	<b>251.370</b>	
5.3	Armoring Length	<u>Left</u>	<u>Right</u>
		<b>0.00000</b>	<b>0.00000</b>
	Data Armoring:	<b>None</b>	
5.4	Straightening Length:	<b>910.73999</b>	
	Straightening Data:		

<u>Step</u>	<u>Description</u>	<u>Value</u>	
5.5	Dredging History:	<b>None</b>	
6.1	Berms & Roads Data:		
		<u>One Side</u>	<u>Both Sides</u>
	Berms & Roads:	<b>949.2200</b>	<b>0.0000</b>
	Berm:		
	Path:		
	Road:	<b>949.2200</b>	
	Railroad:		
6.2	Corridor Development Data:		
	Length:	<b>851.0900</b>	<b>114.0500</b>
6.4	Miander Migration:	<b>Not Evaluated</b>	
		<u>Old</u>	<u>New</u>
7.2	Bank Erosion:	<b>None</b>	
	Bank Height:	<b>N.D.</b>	





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Reach: **M09T5.03**

<u>Step</u>	<u>Description</u>	<u>Value</u>	
3.1	Alluvial Fan:	<b>None</b>	
3.2	Grade Control:	<b>None</b>	
4.3	Buffer Less Than 25 ft	<u>Left</u>	<u>Right</u>
		<b>530</b>	<b>265</b>
5.1	Flow Regulation - Type:	<b>None</b>	
	Use:		
5.2	# of Bridges or Culverts:	<b>1</b>	
	Total Length:	<b>126.450</b>	
5.3	Armoring Length	<u>Left</u>	<u>Right</u>
		<b>327.340</b>	<b>0.00000</b>
		<b>00</b>	
	Data Armoring:		
5.4	Straightening Length:	<b>1438.81995</b>	
	Straightening Data:		

<u>Step</u>	<u>Description</u>	<u>Value</u>	
5.5	Dredging History:	<b>None</b>	
6.1	Berms & Roads Data:		
		<u>One Side</u>	<u>Both Sides</u>
	Berms & Roads:	<b>3461.2900</b>	<b>0.0000</b>
	Berm:		
	Path:		
	Road:	<b>3461.2900</b>	
	Railroad:		
6.2	Corridor Development Data:		
	Length:	<b>1883.5901</b>	<b>0.0000</b>
6.4	Miander Migration:	<b>Not Evaluated</b>	
		<u>Old</u>	<u>New</u>
7.2	Bank Erosion:	<b>None</b>	
	Bank Height:	<b>N.D.</b>	

Reach: **M09T5.03S1.01**

<u>Step</u>	<u>Description</u>	<u>Value</u>	
3.1	Alluvial Fan:	<b>None</b>	
3.2	Grade Control:	<b>None</b>	
4.3	Buffer Less Than 25 ft	<u>Left</u>	<u>Right</u>
		<b>168</b>	<b>168</b>
5.1	Flow Regulation - Type:	<b>None</b>	
	Use:		
5.2	# of Bridges or Culverts:	<b>0</b>	
	Total Length:	<b>0.000</b>	
5.3	Armoring Length	<u>Left</u>	<u>Right</u>
		<b>0.00000</b>	<b>0.00000</b>
	Data Armoring:	<b>None</b>	
5.4	Straightening Length:	<b>0.00000</b>	
	Straightening Data:	<b>None</b>	

<u>Step</u>	<u>Description</u>	<u>Value</u>	
5.5	Dredging History:	<b>None</b>	
6.1	Berms & Roads Data:	<b>None</b>	
		<u>One Side</u>	<u>Both Sides</u>
	Berms & Roads:	<b>0.0000</b>	<b>0.0000</b>
	Berm:		
	Path:		
	Road:		
	Railroad:		
6.2	Corridor Development Data:		
	Length:	<b>121.0200</b>	<b>0.0000</b>
6.4	Miander Migration:	<b>Not Evaluated</b>	
		<u>Old</u>	<u>New</u>
7.2	Bank Erosion:	<b>None</b>	
	Bank Height:	<b>N.D.</b>	



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Reach: **M09T5.03S1.02**

<u>Step</u>	<u>Description</u>	<u>Value</u>	
3.1	Alluvial Fan:	<b>None</b>	
3.2	Grade Control:	<b>None</b>	
4.3	Buffer Less Than 25 ft	<u>Left</u>	<u>Right</u>
		<b>1080</b>	<b>864</b>
5.1	Flow Regulation - Type:	<b>None</b>	
	Use:		
5.2	# of Bridges or Culverts:	<b>0</b>	
	Total Length:	<b>0.000</b>	
5.3	Armoring Length	<u>Left</u>	<u>Right</u>
	Data Armoring:	<b>None</b>	
5.4	Straightening Length:		
	Straightening Data:	<b>None</b>	

<u>Step</u>	<u>Description</u>	<u>Value</u>	
5.5	Dredging History:	<b>None</b>	
6.1	Berms & Roads Data:	<u>One Side</u>	<u>Both Sides</u>
	Berms & Roads:		
	Berm:		
	Path:		
	Road:		
	Railroad:		
6.2	Corridor Development Data:		
	Length:	<b>0.0000</b>	<b>0.0000</b>
6.4	Miander Migration:		<b>Not Evaluated</b>
		<u>Old</u>	<u>New</u>
7.2	Bank Erosion:	<b>N.E.</b>	
	Bank Height:	<b>N.E.</b>	

Reach: **M09T5.04**

<u>Step</u>	<u>Description</u>	<u>Value</u>	
3.1	Alluvial Fan:	<b>None</b>	
3.2	Grade Control:	<b>None</b>	
4.3	Buffer Less Than 25 ft	<u>Left</u>	<u>Right</u>
		<b>75</b>	<b>75</b>
5.1	Flow Regulation - Type:	<b>None</b>	
	Use:		
5.2	# of Bridges or Culverts:	<b>2</b>	
	Total Length:	<b>289.180</b>	
5.3	Armoring Length	<u>Left</u>	<u>Right</u>
		<b>0.00000</b>	<b>0.00000</b>
	Data Armoring:	<b>None</b>	
5.4	Straightening Length:	<b>1178.95996</b>	
	Straightening Data:		

<u>Step</u>	<u>Description</u>	<u>Value</u>	
5.5	Dredging History:	<b>None</b>	
6.1	Berms & Roads Data:	<u>One Side</u>	<u>Both Sides</u>
	Berms & Roads:	<b>171.5400</b>	<b>0.0000</b>
	Berm:		
	Path:		
	Road:	<b>171.5400</b>	
	Railroad:		
6.2	Corridor Development Data:		
	Length:	<b>940.3300</b>	<b>0.0000</b>
6.4	Miander Migration:		<b>Not Evaluated</b>
		<u>Old</u>	<u>New</u>
7.2	Bank Erosion:	<b>None</b>	
	Bank Height:	<b>N.D.</b>	



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Reach: **M09T5.05**

<u>Step</u>	<u>Description</u>	<u>Value</u>	
3.1	Alluvial Fan:	<b>None</b>	
3.2	Grade Control:	<b>None</b>	
4.3	Buffer Less Than 25 ft	<u>Left</u>	<u>Right</u>
		<b>295</b>	<b>0</b>
5.1	Flow Regulation - Type:	<b>None</b>	
	Use:		
5.2	# of Bridges or Culverts:	<b>0</b>	
	Total Length:	<b>0.000</b>	
5.3	Armoring Length	<u>Left</u>	<u>Right</u>
		<b>0.00000</b>	<b>0.00000</b>
	Data Armoring:	<b>None</b>	
5.4	Straightening Length:	<b>0.00000</b>	
	Straightening Data:	<b>None</b>	

<u>Step</u>	<u>Description</u>	<u>Value</u>	
5.5	Dredging History:	<b>None</b>	
6.1	Berms & Roads Data:	<u>One Side</u>	<u>Both Sides</u>
	Berms & Roads:	<b>2625.9600</b>	<b>0.0000</b>
	Berm:		
	Path:		
	Road:	<b>2625.9600</b>	
	Railroad:		
6.2	Corridor Development Data:		
	Length:	<b>1420.8600</b>	<b>0.0000</b>
6.4	Miander Migration:	<b>Not Evaluated</b>	
		<u>Old</u>	<u>New</u>
7.2	Bank Erosion:	<b>None</b>	
	Bank Height:	<b>N.D.</b>	

Reach: **M09T5.05S1.01**

<u>Step</u>	<u>Description</u>	<u>Value</u>	
3.1	Alluvial Fan:	<b>None</b>	
3.2	Grade Control:	<b>None</b>	
4.3	Buffer Less Than 25 ft	<u>Left</u>	<u>Right</u>
		<b>330</b>	<b>660</b>
5.1	Flow Regulation - Type:	<b>None</b>	
	Use:		
5.2	# of Bridges or Culverts:	<b>2</b>	
	Total Length:	<b>427.460</b>	
5.3	Armoring Length	<u>Left</u>	<u>Right</u>
		<b>0.00000</b>	<b>0.00000</b>
	Data Armoring:	<b>None</b>	
5.4	Straightening Length:	<b>0.00000</b>	
	Straightening Data:	<b>None</b>	

<u>Step</u>	<u>Description</u>	<u>Value</u>	
5.5	Dredging History:	<b>None</b>	
6.1	Berms & Roads Data:	<u>One Side</u>	<u>Both Sides</u>
	Berms & Roads:	<b>0.0000</b>	<b>0.0000</b>
	Berm:		
	Path:		
	Road:		
	Railroad:		
6.2	Corridor Development Data:		
	Length:	<b>400.8500</b>	<b>0.0000</b>
6.4	Miander Migration:	<b>Not Evaluated</b>	
		<u>Old</u>	<u>New</u>
7.2	Bank Erosion:	<b>None</b>	
	Bank Height:	<b>N.D.</b>	



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Reach: **M08S1.01**

<u>Step</u>	<u>Description</u>	<u>Value</u>	
3.1	Alluvial Fan:	<b>Yes</b>	
3.2	Grade Control:	<b>None</b>	
4.3	Buffer Less Than 25 ft	<u>Left</u>	<u>Right</u>
		<b>3363</b>	<b>2803</b>
5.1	Flow Regulation - Type:	<b>None</b>	
	Use:		
5.2	# of Bridges or Culverts:	<b>7</b>	
	Total Length:	<b>846.080</b>	
5.3	Armoring Length	<u>Left</u>	<u>Right</u>
		<b>0.00000</b>	<b>0.00000</b>
	Data Armoring:	<b>None</b>	
5.4	Straightening Length:	<b>3300.14990</b>	
	Straightening Data:		

<u>Step</u>	<u>Description</u>	<u>Value</u>	
5.5	Dredging History:	<b>None</b>	
6.1	Berms & Roads Data:	<u>One Side</u>	<u>Both Sides</u>
	Berms & Roads:	<b>4300.8198</b>	<b>0.0000</b>
	Berm:		
	Path:		
	Road:	<b>4300.8198</b>	
	Railroad:		
6.2	Corridor Development Data:		
	Length:	<b>3110.9800</b>	<b>3652.8801</b>
6.4	Miander Migration:	<b>Not Evaluated</b>	
		<u>Old</u>	<u>New</u>
7.2	Bank Erosion:	<b>None</b>	
	Bank Height:	<b>N.D.</b>	

Reach: **M06T3.01**

<u>Step</u>	<u>Description</u>	<u>Value</u>	
3.1	Alluvial Fan:	<b>Yes</b>	
3.2	Grade Control:	<b>Weir</b>	
4.3	Buffer Less Than 25 ft	<u>Left</u>	<u>Right</u>
		<b>746</b>	<b>746</b>
5.1	Flow Regulation - Type:	<b>None</b>	
	Use:		
5.2	# of Bridges or Culverts:	<b>4</b>	
	Total Length:	<b>809.520</b>	
5.3	Armoring Length	<u>Left</u>	<u>Right</u>
		<b>1735.04</b>	<b>1015.31</b>
		<b>993</b>	<b>995</b>
	Data Armoring:		
5.4	Straightening Length:	<b>7200.81006</b>	
	Straightening Data:		

<u>Step</u>	<u>Description</u>	<u>Value</u>	
5.5	Dredging History:	<b>None</b>	
6.1	Berms & Roads Data:	<u>One Side</u>	<u>Both Sides</u>
	Berms & Roads:	<b>705.7700</b>	<b>4906.6597</b>
	Berm:	<b>705.7700</b>	<b>4906.6597</b>
	Path:	<b>0.000</b>	<b>0.000</b>
	Road:	<b>0.0000</b>	<b>0.00000</b>
	Railroad:	<b>0.0000</b>	<b>0.00</b>
6.2	Corridor Development Data:		
	Length:	<b>0.0000</b>	<b>0.0000</b>
6.4	Miander Migration:	<b>Braiding</b>	
		<u>Old</u>	<u>New</u>
7.2	Bank Erosion:	<b>Low</b>	<b>504.6900024</b>
	Bank Height:	<b>Medium</b>	<b>11.750</b>



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Reach: **M06T3.02**

<u>Step</u>	<u>Description</u>	<u>Value</u>	
3.1	Alluvial Fan:	<b>Yes</b>	
3.2	Grade Control:	<b>Weir</b>	
4.3	Buffer Less Than 25 ft	<u>Left</u>	<u>Right</u>
		<b>0</b>	<b>0</b>
5.1	Flow Regulation - Type:	<b>None</b>	
	Use:		
5.2	# of Bridges or Culverts:	<b>0</b>	
	Total Length:	<b>0.000</b>	
5.3	Armoring Length	<u>Left</u>	<u>Right</u>
		<b>987.760</b>	<b>0.00000</b>
		<b>01</b>	
	Data Armoring:		
5.4	Straightening Length:	<b>4980.39014</b>	
	Straightening Data:		

<u>Step</u>	<u>Description</u>	<u>Value</u>	
5.5	Dredging History:	<b>None</b>	
6.1	Berms & Roads Data:	<u>One Side</u>	<u>Both Sides</u>
	Berms & Roads:	<b>2642.7600</b>	<b>1217.0599</b>
	Berm:	<b>2642.7600</b>	<b>1217.0599</b>
	Path:	<b>0.000</b>	<b>0.000</b>
	Road:	<b>0.0000</b>	<b>0.00000</b>
	Railroad:	<b>0.0000</b>	<b>0.00</b>
6.2	Corridor Development Data:		
	Length:	<b>1259.9100</b>	<b>0.0000</b>
6.4	Miander Migration:	<b>Multiple</b>	
		<u>Old</u>	<u>New</u>
7.2	Bank Erosion:	<b>Low</b>	<b>1592.859985</b>
			<b>4</b>
	Bank Height:	<b>High</b>	<b>19.500</b>

Reach: **M06T3.03**

<u>Step</u>	<u>Description</u>	<u>Value</u>	
3.1	Alluvial Fan:	<b>None</b>	
3.2	Grade Control:	<b>Weir</b>	
4.3	Buffer Less Than 25 ft	<u>Left</u>	<u>Right</u>
		<b>223</b>	<b>223</b>
5.1	Flow Regulation - Type:	<b>None</b>	
	Use:		
5.2	# of Bridges or Culverts:	<b>1</b>	
	Total Length:	<b>93.890</b>	
5.3	Armoring Length	<u>Left</u>	<u>Right</u>
		<b>254.450</b>	<b>95.7300</b>
		<b>00</b>	<b>0</b>
	Data Armoring:		
5.4	Straightening Length:	<b>4242.50000</b>	
	Straightening Data:		

<u>Step</u>	<u>Description</u>	<u>Value</u>	
5.5	Dredging History:	<b>None</b>	
6.1	Berms & Roads Data:	<u>One Side</u>	<u>Both Sides</u>
	Berms & Roads:	<b>3835.0500</b>	<b>720.5100</b>
	Berm:	<b>231.7100</b>	<b>720.5100</b>
	Path:	<b>0.000</b>	<b>0.000</b>
	Road:	<b>3603.3401</b>	<b>0.00000</b>
	Railroad:	<b>0.0000</b>	<b>0.00</b>
6.2	Corridor Development Data:		
	Length:	<b>186.3300</b>	<b>0.0000</b>
6.4	Miander Migration:	<b>Braiding</b>	
		<u>Old</u>	<u>New</u>
7.2	Bank Erosion:	<b>Low</b>	<b>967.0399780</b>
	Bank Height:	<b>Medium</b>	<b>8.800</b>



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Reach: **M06T3.04**

<u>Step</u>	<u>Description</u>	<u>Value</u>	
3.1	Alluvial Fan:	<b>None</b>	
3.2	Grade Control:	<b>Multiple</b>	
4.3	Buffer Less Than 25 ft	<u>Left</u>	<u>Right</u>
		<b>362</b>	<b>362</b>
5.1	Flow Regulation - Type:	<b>None</b>	
	Use:		
5.2	# of Bridges or Culverts:	<b>1</b>	
	Total Length:	<b>86.220</b>	
5.3	Armoring Length	<u>Left</u>	<u>Right</u>
		<b>359.670</b>	<b>193.770</b>
		<b>01</b>	<b>00</b>
	Data Armoring:		
5.4	Straightening Length:	<b>6909.77002</b>	
	Straightening Data:		

<u>Step</u>	<u>Description</u>	<u>Value</u>	
5.5	Dredging History:	<b>None</b>	
6.1	Berms & Roads Data:	<u>One Side</u>	<u>Both Sides</u>
	Berms & Roads:	<b>10206.349</b>	<b>1487.5200</b>
		<b>6</b>	
	Berm:	<b>3606.8699</b>	<b>1487.5200</b>
	Path:	<b>0.000</b>	<b>0.000</b>
	Road:	<b>6599.4800</b>	<b>0.00000</b>
	Railroad:	<b>0.0000</b>	<b>0.00</b>
6.2	Corridor Development Data:		
	Length:	<b>138.3400</b>	<b>0.0000</b>
6.4	Miander Migration:	<b>Multiple</b>	
		<u>Old</u>	<u>New</u>
7.2	Bank Erosion:	<b>Low</b>	<b>717.0999756</b>
	Bank Height:	<b>Medium</b>	<b>6.750</b>

Reach: **M05T2.01**

<u>Step</u>	<u>Description</u>	<u>Value</u>	
3.1	Alluvial Fan:	<b>None</b>	
3.2	Grade Control:	<b>None</b>	
4.3	Buffer Less Than 25 ft	<u>Left</u>	<u>Right</u>
		<b>3678</b>	<b>2620</b>
5.1	Flow Regulation - Type:	<b>None</b>	
	Use:		
5.2	# of Bridges or Culverts:	<b>5</b>	
	Total Length:	<b>671.220</b>	
5.3	Armoring Length	<u>Left</u>	<u>Right</u>
		<b>0.00000</b>	<b>0.00000</b>
	Data Armoring:	<b>None</b>	
5.4	Straightening Length:	<b>2656.41992</b>	
	Straightening Data:		

<u>Step</u>	<u>Description</u>	<u>Value</u>	
5.5	Dredging History:	<b>Dredging</b>	
6.1	Berms & Roads Data:	<u>One Side</u>	<u>Both Sides</u>
	Berms & Roads:	<b>1014.0500</b>	<b>0.0000</b>
	Berm:		
	Path:		
	Road:	<b>1014.0500</b>	
	Railroad:		
6.2	Corridor Development Data:		
	Length:	<b>870.1700</b>	<b>1062.4199</b>
6.4	Miander Migration:	<b>Not Evaluated</b>	
		<u>Old</u>	<u>New</u>
7.2	Bank Erosion:	<b>None</b>	
	Bank Height:	<b>N.D.</b>	



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Reach: **M05T2.02**

<u>Step</u>	<u>Description</u>	<u>Value</u>	
3.1	Alluvial Fan:	<b>Yes</b>	
3.2	Grade Control:	<b>None</b>	
4.3	Buffer Less Than 25 ft	<u>Left</u>	<u>Right</u>
		<b>2543</b>	<b>3417</b>
5.1	Flow Regulation - Type:	<b>None</b>	
	Use:		
5.2	# of Bridges or Culverts:	<b>9</b>	
	Total Length:	<b>986.060</b>	
5.3	Armoring Length	<u>Left</u>	<u>Right</u>
		<b>0.00000</b>	<b>0.00000</b>
	Data Armoring:	<b>None</b>	
5.4	Straightening Length:	<b>3031.88989</b>	
	Straightening Data:		

<u>Step</u>	<u>Description</u>	<u>Value</u>	
5.5	Dredging History:	<b>Dredging</b>	
6.1	Berms & Roads Data:	<u>One Side</u>	<u>Both Sides</u>
	Berms & Roads:	<b>1243.0000</b>	<b>0.0000</b>
	Berm:		
	Path:		
	Road:	<b>380.5400</b>	
	Railroad:	<b>862.4600</b>	
6.2	Corridor Development Data:		
	Length:	<b>1554.6901</b>	<b>2276.0100</b>
6.4	Miander Migration:	<b>Not Evaluated</b>	
		<u>Old</u>	<u>New</u>
7.2	Bank Erosion:	<b>None</b>	
	Bank Height:	<b>N.D.</b>	

Reach: **M05T2.03**

<u>Step</u>	<u>Description</u>	<u>Value</u>	
3.1	Alluvial Fan:	<b>None</b>	
3.2	Grade Control:	<b>None</b>	
4.3	Buffer Less Than 25 ft	<u>Left</u>	<u>Right</u>
		<b>1425</b>	<b>0</b>
5.1	Flow Regulation - Type:	<b>None</b>	
	Use:		
5.2	# of Bridges or Culverts:	<b>0</b>	
	Total Length:	<b>0.000</b>	
5.3	Armoring Length	<u>Left</u>	<u>Right</u>
		<b>0.00000</b>	<b>0.00000</b>
	Data Armoring:	<b>None</b>	
5.4	Straightening Length:	<b>0.00000</b>	
	Straightening Data:	<b>None</b>	

<u>Step</u>	<u>Description</u>	<u>Value</u>	
5.5	Dredging History:	<b>None</b>	
6.1	Berms & Roads Data:	<u>One Side</u>	<u>Both Sides</u>
	Berms & Roads:	<b>2621.4099</b>	<b>0.0000</b>
	Berm:		
	Path:		
	Road:	<b>2621.4099</b>	
	Railroad:		
6.2	Corridor Development Data:		
	Length:	<b>440.1000</b>	<b>225.0300</b>
6.4	Miander Migration:	<b>Not Evaluated</b>	
		<u>Old</u>	<u>New</u>
7.2	Bank Erosion:	<b>None</b>	
	Bank Height:	<b>N.D.</b>	



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Reach: **M05T2.04**

<u>Step</u>	<u>Description</u>	<u>Value</u>	
3.1	Alluvial Fan:	<b>None</b>	
3.2	Grade Control:	<b>None</b>	
4.3	Buffer Less Than 25 ft	<u>Left</u>	<u>Right</u>
		<b>2703</b>	<b>4561</b>
5.1	Flow Regulation - Type:	<b>None</b>	
	Use:		
5.2	# of Bridges or Culverts:	<b>6</b>	
	Total Length:	<b>681.980</b>	
5.3	Armoring Length	<u>Left</u>	<u>Right</u>
		<b>0.00000</b>	<b>0.00000</b>
	Data Armoring:	<b>None</b>	
5.4	Straightening Length:	<b>0.00000</b>	
	Straightening Data:	<b>None</b>	

<u>Step</u>	<u>Description</u>	<u>Value</u>	
5.5	Dredging History:	<b>None</b>	
6.1	Berms & Roads Data:	<u>One Side</u>	<u>Both Sides</u>
	Berms & Roads:	<b>166.6500</b>	<b>0.0000</b>
	Berm:		
	Path:		
	Road:	<b>166.6500</b>	
	Railroad:		
6.2	Corridor Development Data:		
	Length:	<b>2231.3999</b>	<b>947.3300</b>
6.4	Miander Migration:	<b>Not Evaluated</b>	
		<u>Old</u>	<u>New</u>
7.2	Bank Erosion:	<b>None</b>	
	Bank Height:	<b>N.D.</b>	

Reach: **M05T2.05**

<u>Step</u>	<u>Description</u>	<u>Value</u>	
3.1	Alluvial Fan:	<b>None</b>	
3.2	Grade Control:	<b>None</b>	
4.3	Buffer Less Than 25 ft	<u>Left</u>	<u>Right</u>
		<b>2707</b>	<b>3510</b>
5.1	Flow Regulation - Type:	<b>None</b>	
	Use:		
5.2	# of Bridges or Culverts:	<b>3</b>	
	Total Length:	<b>203.090</b>	
5.3	Armoring Length	<u>Left</u>	<u>Right</u>
		<b>0.00000</b>	<b>0.00000</b>
	Data Armoring:	<b>None</b>	
5.4	Straightening Length:	<b>0.00000</b>	
	Straightening Data:	<b>None</b>	

<u>Step</u>	<u>Description</u>	<u>Value</u>	
5.5	Dredging History:	<b>None</b>	
6.1	Berms & Roads Data:	<u>One Side</u>	<u>Both Sides</u>
	Berms & Roads:	<b>0.0000</b>	<b>0.0000</b>
	Berm:		
	Path:		
	Road:		
	Railroad:		
6.2	Corridor Development Data:		
	Length:	<b>587.9500</b>	<b>0.0000</b>
6.4	Miander Migration:	<b>Not Evaluated</b>	
		<u>Old</u>	<u>New</u>
7.2	Bank Erosion:	<b>None</b>	
	Bank Height:	<b>N.D.</b>	





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Reach: **M05T2.01S1.01**

<u>Step</u>	<u>Description</u>	<u>Value</u>	
3.1	Alluvial Fan:	<b>None</b>	
3.2	Grade Control:	<b>None</b>	
4.3	Buffer Less Than 25 ft	<u>Left</u>	<u>Right</u>
		<b>2344</b>	<b>2813</b>
5.1	Flow Regulation - Type:	<b>None</b>	
	Use:		
5.2	# of Bridges or Culverts:	<b>14</b>	
	Total Length:	<b>1598.140</b>	
5.3	Armoring Length	<u>Left</u>	<u>Right</u>
		<b>0.00000</b>	<b>0.00000</b>
	Data Armoring:	<b>None</b>	
5.4	Straightening Length:	<b>0.00000</b>	
	Straightening Data:	<b>None</b>	

<u>Step</u>	<u>Description</u>	<u>Value</u>	
5.5	Dredging History:	<b>None</b>	
6.1	Berms & Roads Data:	<u>One Side</u>	<u>Both Sides</u>
	Berms & Roads:	<b>0.0000</b>	<b>0.0000</b>
	Berm:		
	Path:		
	Road:		
	Railroad:		
6.2	Corridor Development Data:		
	Length:	<b>2234.8101</b>	<b>213.4600</b>
6.4	Miander Migration:	<b>Not Evaluated</b>	
		<u>Old</u>	<u>New</u>
7.2	Bank Erosion:	<b>None</b>	
	Bank Height:	<b>N.D.</b>	

Reach: **M02T1.01**

<u>Step</u>	<u>Description</u>	<u>Value</u>	
3.1	Alluvial Fan:	<b>None</b>	
3.2	Grade Control:	<b>None</b>	
4.3	Buffer Less Than 25 ft	<u>Left</u>	<u>Right</u>
		<b>2690</b>	<b>5870</b>
5.1	Flow Regulation - Type:		
	Use:		
5.2	# of Bridges or Culverts:	<b>8</b>	
	Total Length:	<b>3893.240</b>	
5.3	Armoring Length	<u>Left</u>	<u>Right</u>
		<b>0.00000</b>	<b>0.00000</b>
	Data Armoring:	<b>None</b>	
5.4	Straightening Length:	<b>7112.41016</b>	
	Straightening Data:		

<u>Step</u>	<u>Description</u>	<u>Value</u>	
5.5	Dredging History:	<b>Dredging</b>	
6.1	Berms & Roads Data:	<u>One Side</u>	<u>Both Sides</u>
	Berms & Roads:	<b>5822.3701</b>	<b>0.0000</b>
	Berm:		
	Path:		
	Road:	<b>5822.3701</b>	
	Railroad:		
6.2	Corridor Development Data:		
	Length:	<b>3034.2400</b>	<b>2119.4800</b>
6.4	Miander Migration:	<b>Not Evaluated</b>	
		<u>Old</u>	<u>New</u>
7.2	Bank Erosion:	<b>None</b>	
	Bank Height:	<b>N.D.</b>	



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Reach: **M02T1.03**

<u>Step</u>	<u>Description</u>	<u>Value</u>	
3.1	Alluvial Fan:	<b>None</b>	
3.2	Grade Control:	<b>None</b>	
4.3	Buffer Less Than 25 ft	<u>Left</u>	<u>Right</u>
		<b>0</b>	<b>0</b>
5.1	Flow Regulation - Type:	<b>None</b>	
	Use:		
5.2	# of Bridges or Culverts:	<b>0</b>	
	Total Length:	<b>0.000</b>	
5.3	Armoring Length	<u>Left</u>	<u>Right</u>
	Data Armoring:	<b>None</b>	
5.4	Straightening Length:		
	Straightening Data:	<b>None</b>	

<u>Step</u>	<u>Description</u>	<u>Value</u>	
5.5	Dredging History:	<b>None</b>	
6.1	Berms & Roads Data:	<b>None</b>	
		<u>One Side</u>	<u>Both Sides</u>
	Berms & Roads:		
	Berm:		
	Path:		
	Road:		
	Railroad:		
6.2	Corridor Development Data:		
	Length:	<b>0.0000</b>	<b>0.0000</b>
6.4	Miander Migration:	<b>Not Evaluated</b>	
		<u>Old</u>	<u>New</u>
7.2	Bank Erosion:	<b>N.E.</b>	
	Bank Height:	<b>N.E.</b>	

Reach: **M02T1.04**

<u>Step</u>	<u>Description</u>	<u>Value</u>	
3.1	Alluvial Fan:	<b>None</b>	
3.2	Grade Control:	<b>None</b>	
4.3	Buffer Less Than 25 ft	<u>Left</u>	<u>Right</u>
		<b>1349</b>	<b>1116</b>
5.1	Flow Regulation - Type:		
	Use:		
5.2	# of Bridges or Culverts:	<b>3</b>	
	Total Length:	<b>441.240</b>	
5.3	Armoring Length	<u>Left</u>	<u>Right</u>
		<b>0.00000</b>	<b>0.00000</b>
	Data Armoring:	<b>None</b>	
5.4	Straightening Length:	<b>1705.91003</b>	
	Straightening Data:		

<u>Step</u>	<u>Description</u>	<u>Value</u>	
5.5	Dredging History:	<b>Dredging</b>	
6.1	Berms & Roads Data:	<b>None</b>	
		<u>One Side</u>	<u>Both Sides</u>
	Berms & Roads:	<b>0.0000</b>	<b>0.0000</b>
	Berm:		
	Path:		
	Road:		
	Railroad:		
6.2	Corridor Development Data:		
	Length:	<b>812.9000</b>	<b>785.0700</b>
6.4	Miander Migration:	<b>Not Evaluated</b>	
		<u>Old</u>	<u>New</u>
7.2	Bank Erosion:	<b>None</b>	
	Bank Height:	<b>N.D.</b>	



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Reach: **M02T1.05**

<u>Step</u>	<u>Description</u>	<u>Value</u>	
3.1	Alluvial Fan:	<b>None</b>	
3.2	Grade Control:	<b>None</b>	
4.3	Buffer Less Than 25 ft	<u>Left</u>	<u>Right</u>
		<b>1102</b>	<b>827</b>
5.1	Flow Regulation - Type:	<b>None</b>	
	Use:		
5.2	# of Bridges or Culverts:	<b>6</b>	
	Total Length:	<b>435.290</b>	
5.3	Armoring Length	<u>Left</u>	<u>Right</u>
		<b>0.00000</b>	<b>0.00000</b>
	Data Armoring:	<b>None</b>	
5.4	Straightening Length:	<b>2360.37012</b>	
	Straightening Data:		

<u>Step</u>	<u>Description</u>	<u>Value</u>	
5.5	Dredging History:	<b>Dredging</b>	
6.1	Berms & Roads Data:		
		<u>One Side</u>	<u>Both Sides</u>
	Berms & Roads:	<b>7339.9399</b>	<b>0.0000</b>
	Berm:		
	Path:		
	Road:	<b>2280.5100</b>	
	Railroad:	<b>5059.4297</b>	
6.2	Corridor Development Data:		
	Length:	<b>642.2400</b>	<b>254.3300</b>
6.4	Miander Migration:	<b>Not Evaluated</b>	
		<u>Old</u>	<u>New</u>
7.2	Bank Erosion:	<b>None</b>	
	Bank Height:	<b>N.D.</b>	

Reach: **M01S1.01**

<u>Step</u>	<u>Description</u>	<u>Value</u>	
3.1	Alluvial Fan:	<b>None</b>	
3.2	Grade Control:	<b>None</b>	
4.3	Buffer Less Than 25 ft	<u>Left</u>	<u>Right</u>
		<b>793</b>	<b>737</b>
5.1	Flow Regulation - Type:	<b>None</b>	
	Use:		
5.2	# of Bridges or Culverts:	<b>3</b>	
	Total Length:	<b>379.380</b>	
5.3	Armoring Length	<u>Left</u>	<u>Right</u>
		<b>0.00000</b>	<b>0.00000</b>
	Data Armoring:	<b>None</b>	
5.4	Straightening Length:	<b>0.00000</b>	
	Straightening Data:	<b>None</b>	

<u>Step</u>	<u>Description</u>	<u>Value</u>	
5.5	Dredging History:	<b>None</b>	
6.1	Berms & Roads Data:		
		<u>One Side</u>	<u>Both Sides</u>
	Berms & Roads:	<b>1835.4000</b>	<b>0.0000</b>
	Berm:		
	Path:		
	Road:	<b>1835.4000</b>	
	Railroad:		
6.2	Corridor Development Data:		
	Length:	<b>1308.0000</b>	<b>420.7500</b>
6.4	Miander Migration:	<b>Not Evaluated</b>	
		<u>Old</u>	<u>New</u>
7.2	Bank Erosion:	<b>None</b>	
	Bank Height:	<b>N.D.</b>	



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Reach: **M01S1.02**

<u>Step</u>	<u>Description</u>	<u>Value</u>	
3.1	Alluvial Fan:	<b>None</b>	
3.2	Grade Control:	<b>None</b>	
4.3	Buffer Less Than 25 ft	<u>Left</u>	<u>Right</u>
		<b>690</b>	<b>537</b>
5.1	Flow Regulation - Type:	<b>None</b>	
	Use:		
5.2	# of Bridges or Culverts:	<b>4</b>	
	Total Length:	<b>485.590</b>	
5.3	Armoring Length	<u>Left</u>	<u>Right</u>
		<b>0.00000</b>	<b>0.00000</b>
	Data Armoring:	<b>None</b>	
5.4	Straightening Length:	<b>0.00000</b>	
	Straightening Data:	<b>None</b>	

<u>Step</u>	<u>Description</u>	<u>Value</u>	
5.5	Dredging History:	<b>None</b>	
6.1	Berms & Roads Data:		
		<u>One Side</u>	<u>Both Sides</u>
	Berms & Roads:	<b>2291.5801</b>	<b>0.0000</b>
	Berm:		
	Path:		
	Road:	<b>2291.5801</b>	
	Railroad:		
6.2	Corridor Development Data:		
	Length:	<b>793.8900</b>	<b>0.0000</b>
6.4	Miander Migration:	<b>Not Evaluated</b>	
		<u>Old</u>	<u>New</u>
7.2	Bank Erosion:	<b>None</b>	
	Bank Height:	<b>N.D.</b>	

Reach: **M01S1.01S1.01**

<u>Step</u>	<u>Description</u>	<u>Value</u>	
3.1	Alluvial Fan:	<b>None</b>	
3.2	Grade Control:	<b>None</b>	
4.3	Buffer Less Than 25 ft	<u>Left</u>	<u>Right</u>
		<b>1347</b>	<b>1064</b>
5.1	Flow Regulation - Type:	<b>None</b>	
	Use:		
5.2	# of Bridges or Culverts:	<b>4</b>	
	Total Length:	<b>516.440</b>	
5.3	Armoring Length	<u>Left</u>	<u>Right</u>
		<b>0.00000</b>	<b>0.00000</b>
	Data Armoring:	<b>None</b>	
5.4	Straightening Length:	<b>0.00000</b>	
	Straightening Data:	<b>None</b>	

<u>Step</u>	<u>Description</u>	<u>Value</u>	
5.5	Dredging History:	<b>None</b>	
6.1	Berms & Roads Data:		
		<u>One Side</u>	<u>Both Sides</u>
	Berms & Roads:	<b>4938.2803</b>	<b>0.0000</b>
	Berm:		
	Path:		
	Road:	<b>4938.2803</b>	
	Railroad:		
6.2	Corridor Development Data:		
	Length:	<b>332.9200</b>	<b>0.0000</b>
6.4	Miander Migration:	<b>Not Evaluated</b>	
		<u>Old</u>	<u>New</u>
7.2	Bank Erosion:	<b>None</b>	
	Bank Height:	<b>N.D.</b>	



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Reach: **M01S2.01**

<u>Step</u>	<u>Description</u>	<u>Value</u>	
3.1	Alluvial Fan:		
3.2	Grade Control:		
4.3	Buffer Less Than 25 ft	<u>Left</u>	<u>Right</u>
5.1	Flow Regulation - Type: Use:		
5.2	# of Bridges or Culverts: Total Length:		
5.3	Armoring Length	<u>Left</u>	<u>Right</u>
5.4	Data Armoring: Straightening Length: Straightening Data:		

<u>Step</u>	<u>Description</u>	<u>Value</u>	
5.5	Dredging History:		
6.1	Berms & Roads Data:		
		<u>One Side</u>	<u>Both Sides</u>
	Berms & Roads:		
	Berm:		
	Path:		
	Road:		
	Railroad:		
6.2	Corridor Development Data:		
	Length:		
6.4	Miander Migration:		
		<u>Old</u>	<u>New</u>
7.2	Bank Erosion:		
	Bank Height:		

Reach: **M01S2.02**

<u>Step</u>	<u>Description</u>	<u>Value</u>	
3.1	Alluvial Fan:		
3.2	Grade Control:		
4.3	Buffer Less Than 25 ft	<u>Left</u>	<u>Right</u>
5.1	Flow Regulation - Type: Use:		
5.2	# of Bridges or Culverts: Total Length:		
5.3	Armoring Length	<u>Left</u>	<u>Right</u>
5.4	Data Armoring: Straightening Length: Straightening Data:		

<u>Step</u>	<u>Description</u>	<u>Value</u>	
5.5	Dredging History:		
6.1	Berms & Roads Data:		
		<u>One Side</u>	<u>Both Sides</u>
	Berms & Roads:		
	Berm:		
	Path:		
	Road:		
	Railroad:		
6.2	Corridor Development Data:		
	Length:		
6.4	Miander Migration:		
		<u>Old</u>	<u>New</u>
7.2	Bank Erosion:		
	Bank Height:		



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Reach: **M01S2.03**

<u>Step</u>	<u>Description</u>	<u>Value</u>	
3.1	Alluvial Fan:		
3.2	Grade Control:		
4.3	Buffer Less Than 25 ft	<u>Left</u>	<u>Right</u>
5.1	Flow Regulation - Type: Use:		
5.2	# of Bridges or Culverts: Total Length:		
5.3	Armoring Length	<u>Left</u>	<u>Right</u>
5.4	Data Armoring: Straightening Length: Straightening Data:		

<u>Step</u>	<u>Description</u>	<u>Value</u>	
5.5	Dredging History:		
6.1	Berms & Roads Data:		
		<u>One Side</u>	<u>Both Sides</u>
	Berms & Roads:		
	Berm:		
	Path:		
	Road:		
	Railroad:		
6.2	Corridor Development Data:		
	Length:		
6.4	Miander Migration:		
		<u>Old</u>	<u>New</u>
7.2	Bank Erosion:		
	Bank Height:		

Reach: **M01S2.04**

<u>Step</u>	<u>Description</u>	<u>Value</u>	
3.1	Alluvial Fan:		
3.2	Grade Control:		
4.3	Buffer Less Than 25 ft	<u>Left</u>	<u>Right</u>
5.1	Flow Regulation - Type: Use:		
5.2	# of Bridges or Culverts: Total Length:		
5.3	Armoring Length	<u>Left</u>	<u>Right</u>
5.4	Data Armoring: Straightening Length: Straightening Data:		

<u>Step</u>	<u>Description</u>	<u>Value</u>	
5.5	Dredging History:		
6.1	Berms & Roads Data:		
		<u>One Side</u>	<u>Both Sides</u>
	Berms & Roads:		
	Berm:		
	Path:		
	Road:		
	Railroad:		
6.2	Corridor Development Data:		
	Length:		
6.4	Miander Migration:		
		<u>Old</u>	<u>New</u>
7.2	Bank Erosion:		
	Bank Height:		



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Reach: **M01S2.03S1.01**

<u>Step</u>	<u>Description</u>	<u>Value</u>	
3.1	Alluvial Fan:		
3.2	Grade Control:		
4.3	Buffer Less Than 25 ft	<u>Left</u>	<u>Right</u>
5.1	Flow Regulation - Type: Use:		
5.2	# of Bridges or Culverts: Total Length:		
5.3	Armoring Length	<u>Left</u>	<u>Right</u>
5.4	Data Armoring: Straightening Length: Straightening Data:		

<u>Step</u>	<u>Description</u>	<u>Value</u>	
5.5	Dredging History:		
6.1	Berms & Roads Data:		
		<u>One Side</u>	<u>Both Sides</u>
	Berms & Roads:		
	Berm:		
	Path:		
	Road:		
	Railroad:		
6.2	Corridor Development Data:		
	Length:		
6.4	Miander Migration:		
		<u>Old</u>	<u>New</u>
7.2	Bank Erosion:		
	Bank Height:		

Reach: **M01S3.01**

<u>Step</u>	<u>Description</u>	<u>Value</u>	
3.1	Alluvial Fan:		
3.2	Grade Control:		
4.3	Buffer Less Than 25 ft	<u>Left</u>	<u>Right</u>
5.1	Flow Regulation - Type: Use:		
5.2	# of Bridges or Culverts: Total Length:		
5.3	Armoring Length	<u>Left</u>	<u>Right</u>
5.4	Data Armoring: Straightening Length: Straightening Data:		

<u>Step</u>	<u>Description</u>	<u>Value</u>	
5.5	Dredging History:		
6.1	Berms & Roads Data:		
		<u>One Side</u>	<u>Both Sides</u>
	Berms & Roads:		
	Berm:		
	Path:		
	Road:		
	Railroad:		
6.2	Corridor Development Data:		
	Length:		
6.4	Miander Migration:		
		<u>Old</u>	<u>New</u>
7.2	Bank Erosion:		
	Bank Height:		



# Stream Geomorphic Assessment

Agency of Natural Resources



Vermont.gov  
June, 24 2024

Reach: **M01S3.01S2.01**

<u>Step</u>	<u>Description</u>	<u>Value</u>	
3.1	Alluvial Fan:		
3.2	Grade Control:		
4.3	Buffer Less Than 25 ft	<u>Left</u>	<u>Right</u>
5.1	Flow Regulation - Type: Use:		
5.2	# of Bridges or Culverts: Total Length:		
5.3	Armoring Length	<u>Left</u>	<u>Right</u>
5.4	Data Armoring: Straightening Length: Straightening Data:		

<u>Step</u>	<u>Description</u>	<u>Value</u>	
5.5	Dredging History:		
6.1	Berms & Roads Data:		
		<u>One Side</u>	<u>Both Sides</u>
	Berms & Roads:		
	Berm:		
	Path:		
	Road:		
	Railroad:		
6.2	Corridor Development Data:		
	Length:		
6.4	Miander Migration:		
		<u>Old</u>	<u>New</u>
7.2	Bank Erosion:		
	Bank Height:		

Reach: **M01S3.01S1.01**

<u>Step</u>	<u>Description</u>	<u>Value</u>	
3.1	Alluvial Fan:		
3.2	Grade Control:		
4.3	Buffer Less Than 25 ft	<u>Left</u>	<u>Right</u>
5.1	Flow Regulation - Type: Use:		
5.2	# of Bridges or Culverts: Total Length:		
5.3	Armoring Length	<u>Left</u>	<u>Right</u>
5.4	Data Armoring: Straightening Length: Straightening Data:		

<u>Step</u>	<u>Description</u>	<u>Value</u>	
5.5	Dredging History:		
6.1	Berms & Roads Data:		
		<u>One Side</u>	<u>Both Sides</u>
	Berms & Roads:		
	Berm:		
	Path:		
	Road:		
	Railroad:		
6.2	Corridor Development Data:		
	Length:		
6.4	Miander Migration:		
		<u>Old</u>	<u>New</u>
7.2	Bank Erosion:		
	Bank Height:		