



Stream Geomorphic Assessment

Agency of Natural Resources



Vermont.gov
April, 10 2026

Phase 1 - FIT - Legacy Data Report

Missisquoi - Canada to Trout

SGAT Version: 4.56

Reach: **R16**

<u>Step</u>	<u>Description</u>	<u>Value</u>	
3.1	Alluvial Fan:	None	
3.2	Grade Control:	None	
4.3	Buffer Less Than 25 ft	<u>Left</u>	<u>Right</u>
		0	2665
5.1	Flow Regulation - Type:	None	
	Use:		
5.2	# of Bridges or Culverts:	0	
	Total Length:	0.000	
5.3	Armoring Length	<u>Left</u>	<u>Right</u>
		149.340	828.700
		00	01
	Data Armoring:		
5.4	Straightening Length:	0.00000	
	Straightening Data:	None	

<u>Step</u>	<u>Description</u>	<u>Value</u>	
5.5	Dredging History:	None	
6.1	Berms & Roads Data:		
		<u>One Side</u>	<u>Both Sides</u>
	Berms & Roads:	119.2300	0.0000
	Berm:	0.0000	0.0000
	Path:	0.000	0.000
	Road:	119.2300	0.00000
	Railroad:	0.0000	0.00
6.2	Corridor Development Data:		
	Length:	0.0000	0.0000
6.4	Miander Migration:	Multiple	
		<u>Old</u>	<u>New</u>
7.2	Bank Erosion:	None	2384.229980
			5
	Bank Height:	N.D.	4.333



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Reach: **R17**

<u>Step</u>	<u>Description</u>	<u>Value</u>	
3.1	Alluvial Fan:	None	
3.2	Grade Control:	None	
4.3	Buffer Less Than 25 ft	<u>Left</u>	<u>Right</u>
		12286	13580
5.1	Flow Regulation - Type:	None	
	Use:		
5.2	# of Bridges or Culverts:	2	
	Total Length:	930.000	
5.3	Armoring Length	<u>Left</u>	<u>Right</u>
		2157.63	2348.20
		989	996
	Data Armoring:		
5.4	Straightening Length:	0.00000	
	Straightening Data:	None	

<u>Step</u>	<u>Description</u>	<u>Value</u>	
5.5	Dredging History:	Dredging	
6.1	Berms & Roads Data:	<u>One Side</u>	<u>Both Sides</u>
	Berms & Roads:	17825.449	1674.8700
		2	
	Berm:	0.0000	0.0000
	Path:	6374.640	0.000
	Road:	11450.809	1674.87000
		6	
	Railroad:	0.0000	0.00
6.2	Corridor Development Data:		
	Length:	2989.4199	0.0000
6.4	Miander Migration:	Multiple	
		<u>Old</u>	<u>New</u>
7.2	Bank Erosion:	None	9363.229492
			2
	Bank Height:	N.D.	7.577

Reach: **R17S5.01**

<u>Step</u>	<u>Description</u>	<u>Value</u>	
3.1	Alluvial Fan:	None	
3.2	Grade Control:	None	
4.3	Buffer Less Than 25 ft	<u>Left</u>	<u>Right</u>
		1983	1126
5.1	Flow Regulation - Type:	None	
	Use:		
5.2	# of Bridges or Culverts:	3	
	Total Length:	600.000	
5.3	Armoring Length	<u>Left</u>	<u>Right</u>
	Data Armoring:		
5.4	Straightening Length:	2092.00000	
	Straightening Data:		

<u>Step</u>	<u>Description</u>	<u>Value</u>	
5.5	Dredging History:	None	
6.1	Berms & Roads Data:	<u>One Side</u>	<u>Both Sides</u>
	Berms & Roads:	70.0000	
	Berm:		
	Path:		
	Road:		
	Railroad:		
6.2	Corridor Development Data:		
	Length:	107.0000	268.0000
6.4	Miander Migration:	Migration	
		<u>Old</u>	<u>New</u>
7.2	Bank Erosion:	High	
	Bank Height:	Medium	



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Reach: **R17S5.02**

<u>Step</u>	<u>Description</u>	<u>Value</u>	
3.1	Alluvial Fan:	None	
3.2	Grade Control:	None	
4.3	Buffer Less Than 25 ft	<u>Left</u>	<u>Right</u>
		0	0
5.1	Flow Regulation - Type:	None	
	Use:		
5.2	# of Bridges or Culverts:	1	
	Total Length:	200.000	
5.3	Armoring Length	<u>Left</u>	<u>Right</u>
	Data Armoring:		
5.4	Straightening Length:	742.00000	
	Straightening Data:		

<u>Step</u>	<u>Description</u>	<u>Value</u>	
5.5	Dredging History:	None	
6.1	Berms & Roads Data:		
		<u>One Side</u>	<u>Both Sides</u>
	Berms & Roads:	106.0000	
	Berm:		
	Path:		
	Road:		
	Railroad:		
6.2	Corridor Development Data:		
	Length:	0.0000	75.0000
6.4	Miander Migration:	None	
		<u>Old</u>	<u>New</u>
7.2	Bank Erosion:	N.D.	
	Bank Height:	N.D.	

Reach: **R17S5.03**

<u>Step</u>	<u>Description</u>	<u>Value</u>	
3.1	Alluvial Fan:	None	
3.2	Grade Control:	None	
4.3	Buffer Less Than 25 ft	<u>Left</u>	<u>Right</u>
		1423	474
5.1	Flow Regulation - Type:		
	Use:		
5.2	# of Bridges or Culverts:	4	
	Total Length:	400.000	
5.3	Armoring Length	<u>Left</u>	<u>Right</u>
	Data Armoring:	No Data	
5.4	Straightening Length:	1048.00000	
	Straightening Data:		

<u>Step</u>	<u>Description</u>	<u>Value</u>	
5.5	Dredging History:	None	
6.1	Berms & Roads Data:		
		<u>One Side</u>	<u>Both Sides</u>
	Berms & Roads:	225.0000	
	Berm:		
	Path:		
	Road:		
	Railroad:		
6.2	Corridor Development Data:		
	Length:	285.0000	95.0000
6.4	Miander Migration:	None	
		<u>Old</u>	<u>New</u>
7.2	Bank Erosion:	Low	
	Bank Height:	Low	



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Reach: **R17S5.04**

<u>Step</u>	<u>Description</u>	<u>Value</u>	
3.1	Alluvial Fan:	None	
3.2	Grade Control:	None	
4.3	Buffer Less Than 25 ft	<u>Left</u>	<u>Right</u>
		0	0
5.1	Flow Regulation - Type:	None	
	Use:		
5.2	# of Bridges or Culverts:	3	
	Total Length:	100.000	
5.3	Armoring Length	<u>Left</u>	<u>Right</u>
	Data Armoring:	No Data	
5.4	Straightening Length:	703.00000	
	Straightening Data:		

<u>Step</u>	<u>Description</u>	<u>Value</u>	
5.5	Dredging History:	None	
6.1	Berms & Roads Data:	<u>One Side</u>	<u>Both Sides</u>
	Berms & Roads:	760.0000	
	Berm:		
	Path:		
	Road:		
	Railroad:		
6.2	Corridor Development Data:		
	Length:	132.0000	132.0000
6.4	Miander Migration:	No Data	
		<u>Old</u>	<u>New</u>
7.2	Bank Erosion:	N.E.	
	Bank Height:	N.E.	

Reach: **R18**

<u>Step</u>	<u>Description</u>	<u>Value</u>	
3.1	Alluvial Fan:	None	
3.2	Grade Control:	Ledge	
4.3	Buffer Less Than 25 ft	<u>Left</u>	<u>Right</u>
		2748	2804
5.1	Flow Regulation - Type:	None	
	Use:		
5.2	# of Bridges or Culverts:	3	
	Total Length:	875.000	
5.3	Armoring Length	<u>Left</u>	<u>Right</u>
	Data Armoring:	2738.51001	2488.78003
5.4	Straightening Length:	1356.55994	
	Straightening Data:		

<u>Step</u>	<u>Description</u>	<u>Value</u>	
5.5	Dredging History:	Dredging	
6.1	Berms & Roads Data:	<u>One Side</u>	<u>Both Sides</u>
	Berms & Roads:	15390.0703	2646.0500
	Berm:	0.0000	0.0000
	Path:	0.000	0.000
	Road:	7590.7197	2646.05005
	Railroad:	7799.3501	0.00
6.2	Corridor Development Data:		
	Length:	4493.8198	2045.7999
6.4	Miander Migration:	Flood Chute	
		<u>Old</u>	<u>New</u>
7.2	Bank Erosion:	None	1602.7600098
	Bank Height:	N.D.	5.296



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Reach: **R18S2.01**

<u>Step</u>	<u>Description</u>	<u>Value</u>	
3.1	Alluvial Fan:	Yes	
3.2	Grade Control:	None	
4.3	Buffer Less Than 25 ft	<u>Left</u>	<u>Right</u>
		396	652
5.1	Flow Regulation - Type:	None	
	Use:		
5.2	# of Bridges or Culverts:	2	
	Total Length:	400.000	
5.3	Armoring Length	<u>Left</u>	<u>Right</u>
	Data Armoring:	No Data	
5.4	Straightening Length:	423.00000	
	Straightening Data:		

<u>Step</u>	<u>Description</u>	<u>Value</u>	
5.5	Dredging History:	None	
6.1	Berms & Roads Data:	<u>One Side</u>	<u>Both Sides</u>
	Berms & Roads:	78.0000	
	Berm:		
	Path:		
	Road:		
	Railroad:		
6.2	Corridor Development Data:		
	Length:	85.0000	85.0000
6.4	Miander Migration:	No Data	
		<u>Old</u>	<u>New</u>
7.2	Bank Erosion:	N.D.	
	Bank Height:	N.D.	

Reach: **R18S2.02**

<u>Step</u>	<u>Description</u>	<u>Value</u>	
3.1	Alluvial Fan:	None	
3.2	Grade Control:	None	
4.3	Buffer Less Than 25 ft	<u>Left</u>	<u>Right</u>
		0	0
5.1	Flow Regulation - Type:	None	
	Use:		
5.2	# of Bridges or Culverts:	2	
	Total Length:	200.000	
5.3	Armoring Length	<u>Left</u>	<u>Right</u>
	Data Armoring:	No Data	
5.4	Straightening Length:	1211.00000	
	Straightening Data:		

<u>Step</u>	<u>Description</u>	<u>Value</u>	
5.5	Dredging History:	None	
6.1	Berms & Roads Data:	<u>One Side</u>	<u>Both Sides</u>
	Berms & Roads:	321.0000	59.0000
	Berm:		
	Path:		
	Road:		
	Railroad:		
6.2	Corridor Development Data:		
	Length:	243.0000	81.0000
6.4	Miander Migration:	No Data	
		<u>Old</u>	<u>New</u>
7.2	Bank Erosion:	N.E.	
	Bank Height:	N.E.	



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Reach: **R18S2.03**

<u>Step</u>	<u>Description</u>	<u>Value</u>	
3.1	Alluvial Fan:	None	
3.2	Grade Control:	None	
4.3	Buffer Less Than 25 ft	<u>Left</u>	<u>Right</u>
		0	0
5.1	Flow Regulation - Type:	None	
	Use:		
5.2	# of Bridges or Culverts:	0	
	Total Length:	0.000	
5.3	Armoring Length	<u>Left</u>	<u>Right</u>
	Data Armoring:	No Data	
5.4	Straightening Length:		
	Straightening Data:	None	

<u>Step</u>	<u>Description</u>	<u>Value</u>	
5.5	Dredging History:	None	
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:	0.0000	0.0000
6.4	Miander Migration:	No Data	
		<u>Old</u>	<u>New</u>
7.2	Bank Erosion:	N.E.	
	Bank Height:	N.E.	

Reach: **R19**

<u>Step</u>	<u>Description</u>	<u>Value</u>	
3.1	Alluvial Fan:	None	
3.2	Grade Control:	None	
4.3	Buffer Less Than 25 ft	<u>Left</u>	<u>Right</u>
		2923	1832
5.1	Flow Regulation - Type:	None	
	Use:		
5.2	# of Bridges or Culverts:	0	
	Total Length:	0.000	
5.3	Armoring Length	<u>Left</u>	<u>Right</u>
	Data Armoring:	911.489	154.890
		99	00
5.4	Straightening Length:	0.00000	
	Straightening Data:	None	

<u>Step</u>	<u>Description</u>	<u>Value</u>	
5.5	Dredging History:	Gravel Mining	
6.1	Berms & Roads Data:	<u>One Side</u>	<u>Both Sides</u>
	Berms & Roads:	2743.8901	0.0000
	Berm:	0.0000	0.0000
	Path:	0.000	0.000
	Road:	1516.8500	0.00000
	Railroad:	1227.0400	0.00
6.2	Corridor Development Data:		
	Length:	2021.8900	0.0000
6.4	Miander Migration:	Multiple	
		<u>Old</u>	<u>New</u>
7.2	Bank Erosion:	None	4644.040039
			1
	Bank Height:	N.D.	4.090



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Reach: **R19T2.01**

<u>Step</u>	<u>Description</u>	<u>Value</u>	
3.1	Alluvial Fan:	None	
3.2	Grade Control:	None	
4.3	Buffer Less Than 25 ft	<u>Left</u>	<u>Right</u>
		209	1399
5.1	Flow Regulation - Type:	None	
	Use:		
5.2	# of Bridges or Culverts:	2	
	Total Length:	400.000	
5.3	Armoring Length	<u>Left</u>	<u>Right</u>
	Data Armoring:		
5.4	Straightening Length:	1392.00000	
	Straightening Data:		

<u>Step</u>	<u>Description</u>	<u>Value</u>	
5.5	Dredging History:	None	
6.1	Berms & Roads Data:	<u>One Side</u>	<u>Both Sides</u>
	Berms & Roads:	483.0000	
	Berm:		
	Path:		
	Road:		
	Railroad:		
6.2	Corridor Development Data:		
	Length:	280.0000	98.0000
6.4	Miander Migration:	No Data	
		<u>Old</u>	<u>New</u>
7.2	Bank Erosion:	High	
	Bank Height:	Medium	

Reach: **R19T2.02**

<u>Step</u>	<u>Description</u>	<u>Value</u>	
3.1	Alluvial Fan:	None	
3.2	Grade Control:	None	
4.3	Buffer Less Than 25 ft	<u>Left</u>	<u>Right</u>
		0	0
5.1	Flow Regulation - Type:		
	Use:		
5.2	# of Bridges or Culverts:	2	
	Total Length:	200.000	
5.3	Armoring Length	<u>Left</u>	<u>Right</u>
	Data Armoring:	No Data	
5.4	Straightening Length:	814.00000	
	Straightening Data:		

<u>Step</u>	<u>Description</u>	<u>Value</u>	
5.5	Dredging History:	None	
6.1	Berms & Roads Data:	<u>One Side</u>	<u>Both Sides</u>
	Berms & Roads:	3915.0000	298.0000
	Berm:		
	Path:		
	Road:		
	Railroad:		
6.2	Corridor Development Data:		
	Length:	141.0000	141.0000
6.4	Miander Migration:	Multiple	
		<u>Old</u>	<u>New</u>
7.2	Bank Erosion:	Low	
	Bank Height:	Medium	



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Reach: **R19T2.03**

<u>Step</u>	<u>Description</u>	<u>Value</u>	
3.1	Alluvial Fan:	None	
3.2	Grade Control:	None	
4.3	Buffer Less Than 25 ft	<u>Left</u>	<u>Right</u>
		0	0
5.1	Flow Regulation - Type:	None	
	Use:		
5.2	# of Bridges or Culverts:	1	
	Total Length:	300.000	
5.3	Armoring Length	<u>Left</u>	<u>Right</u>
	Data Armoring:	No Data	
5.4	Straightening Length:		
	Straightening Data:	None	

<u>Step</u>	<u>Description</u>	<u>Value</u>	
5.5	Dredging History:	None	
6.1	Berms & Roads Data:		
		<u>One Side</u>	<u>Both Sides</u>
	Berms & Roads:	1277.0000	
	Berm:		
	Path:		
	Road:		
	Railroad:		
6.2	Corridor Development Data:		
	Length:	0.0000	69.0000
6.4	Miander Migration:	No Data	
		<u>Old</u>	<u>New</u>
7.2	Bank Erosion:	N.E.	
	Bank Height:	N.E.	

Reach: **R19T2.04**

<u>Step</u>	<u>Description</u>	<u>Value</u>	
3.1	Alluvial Fan:	None	
3.2	Grade Control:	None	
4.3	Buffer Less Than 25 ft	<u>Left</u>	<u>Right</u>
		0	0
5.1	Flow Regulation - Type:	None	
	Use:		
5.2	# of Bridges or Culverts:	0	
	Total Length:	0.000	
5.3	Armoring Length	<u>Left</u>	<u>Right</u>
	Data Armoring:	No Data	
5.4	Straightening Length:		
	Straightening Data:	None	

<u>Step</u>	<u>Description</u>	<u>Value</u>	
5.5	Dredging History:	None	
6.1	Berms & Roads Data:		
		<u>One Side</u>	<u>Both Sides</u>
	Berms & Roads:	355.0000	
	Berm:		
	Path:		
	Road:		
	Railroad:		
6.2	Corridor Development Data:		
	Length:	0.0000	0.0000
6.4	Miander Migration:	No Data	
		<u>Old</u>	<u>New</u>
7.2	Bank Erosion:	N.E.	
	Bank Height:	N.E.	



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Reach: **R19S7.01**

<u>Step</u>	<u>Description</u>	<u>Value</u>	
3.1	Alluvial Fan:	Yes	
3.2	Grade Control:	Ledge	
4.3	Buffer Less Than 25 ft	<u>Left</u>	<u>Right</u>
		356	445
5.1	Flow Regulation - Type:	None	
	Use:		
5.2	# of Bridges or Culverts:	3	
	Total Length:	600.000	
5.3	Armoring Length	<u>Left</u>	<u>Right</u>
	Data Armoring:	No Data	
5.4	Straightening Length:	1262.00000	
	Straightening Data:		

<u>Step</u>	<u>Description</u>	<u>Value</u>	
5.5	Dredging History:	None	
6.1	Berms & Roads Data:	<u>One Side</u>	<u>Both Sides</u>
	Berms & Roads:	555.0000	
	Berm:		
	Path:		
	Road:		
	Railroad:		
6.2	Corridor Development Data:		
	Length:	242.0000	178.0000
6.4	Miander Migration:	No Data	
		<u>Old</u>	<u>New</u>
7.2	Bank Erosion:	High	
	Bank Height:	Medium	

Reach: **R19S7.02**

<u>Step</u>	<u>Description</u>	<u>Value</u>	
3.1	Alluvial Fan:	None	
3.2	Grade Control:	None	
4.3	Buffer Less Than 25 ft	<u>Left</u>	<u>Right</u>
		1090	662
5.1	Flow Regulation - Type:	None	
	Use:		
5.2	# of Bridges or Culverts:	0	
	Total Length:	0.000	
5.3	Armoring Length	<u>Left</u>	<u>Right</u>
	Data Armoring:	No Data	
5.4	Straightening Length:	1169.00000	
	Straightening Data:		

<u>Step</u>	<u>Description</u>	<u>Value</u>	
5.5	Dredging History:	None	
6.1	Berms & Roads Data:	<u>One Side</u>	<u>Both Sides</u>
	Berms & Roads:	183.0000	
	Berm:		
	Path:		
	Road:		
	Railroad:		
6.2	Corridor Development Data:		
	Length:	39.0000	0.0000
6.4	Miander Migration:	No Data	
		<u>Old</u>	<u>New</u>
7.2	Bank Erosion:	N.E.	
	Bank Height:	N.E.	



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Reach: **R19S7.03**

<u>Step</u>	<u>Description</u>	<u>Value</u>	
3.1	Alluvial Fan:	None	
3.2	Grade Control:	None	
4.3	Buffer Less Than 25 ft	<u>Left</u>	<u>Right</u>
		1968	1180
5.1	Flow Regulation - Type:	None	
	Use:		
5.2	# of Bridges or Culverts:	1	
	Total Length:	50.000	
5.3	Armoring Length	<u>Left</u>	<u>Right</u>
	Data Armoring:	No Data	
5.4	Straightening Length:	1570.00000	
	Straightening Data:		

<u>Step</u>	<u>Description</u>	<u>Value</u>	
5.5	Dredging History:	None	
6.1	Berms & Roads Data:	<u>One Side</u>	<u>Both Sides</u>
	Berms & Roads:	553.0000	
	Berm:		
	Path:		
	Road:		
	Railroad:		
6.2	Corridor Development Data:		
	Length:	66.0000	66.0000
6.4	Miander Migration:	No Data	
		<u>Old</u>	<u>New</u>
7.2	Bank Erosion:	N.E.	
	Bank Height:	N.E.	

Reach: **R19S7.04**

<u>Step</u>	<u>Description</u>	<u>Value</u>	
3.1	Alluvial Fan:	None	
3.2	Grade Control:	None	
4.3	Buffer Less Than 25 ft	<u>Left</u>	<u>Right</u>
		187	0
5.1	Flow Regulation - Type:	None	
	Use:		
5.2	# of Bridges or Culverts:	1	
	Total Length:	50.000	
5.3	Armoring Length	<u>Left</u>	<u>Right</u>
	Data Armoring:	No Data	
5.4	Straightening Length:		
	Straightening Data:	None	

<u>Step</u>	<u>Description</u>	<u>Value</u>	
5.5	Dredging History:	None	
6.1	Berms & Roads Data:	<u>One Side</u>	<u>Both Sides</u>
	Berms & Roads:	567.0000	
	Berm:		
	Path:		
	Road:		
	Railroad:		
6.2	Corridor Development Data:		
	Length:	0.0000	31.0000
6.4	Miander Migration:	No Data	
		<u>Old</u>	<u>New</u>
7.2	Bank Erosion:	N.E.	
	Bank Height:	N.E.	



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Reach: **R19S7.05**

<u>Step</u>	<u>Description</u>	<u>Value</u>	
3.1	Alluvial Fan:	None	
3.2	Grade Control:	None	
4.3	Buffer Less Than 25 ft	<u>Left</u>	<u>Right</u>
		0	0
5.1	Flow Regulation - Type:	None	
	Use:		
5.2	# of Bridges or Culverts:	1	
	Total Length:	100.000	
5.3	Armoring Length	<u>Left</u>	<u>Right</u>
	Data Armoring:	No Data	
5.4	Straightening Length:		
	Straightening Data:	None	

<u>Step</u>	<u>Description</u>	<u>Value</u>	
5.5	Dredging History:	None	
6.1	Berms & Roads Data:	<u>One Side</u>	<u>Both Sides</u>
	Berms & Roads:	131.0000	
	Berm:		
	Path:		
	Road:		
	Railroad:		
6.2	Corridor Development Data:		
	Length:	112.0000	28.0000
6.4	Miander Migration:	No Data	
		<u>Old</u>	<u>New</u>
7.2	Bank Erosion:	N.E.	
	Bank Height:	N.E.	

Reach: **R20**

<u>Step</u>	<u>Description</u>	<u>Value</u>	
3.1	Alluvial Fan:	None	
3.2	Grade Control:	None	
4.3	Buffer Less Than 25 ft	<u>Left</u>	<u>Right</u>
		1437	2683
5.1	Flow Regulation - Type:	None	
	Use:		
5.2	# of Bridges or Culverts:	0	
	Total Length:	0.000	
5.3	Armoring Length	<u>Left</u>	<u>Right</u>
		783.299	0.00000
		99	
	Data Armoring:		
5.4	Straightening Length:	0.00000	
	Straightening Data:	None	

<u>Step</u>	<u>Description</u>	<u>Value</u>	
5.5	Dredging History:	None	
6.1	Berms & Roads Data:	<u>One Side</u>	<u>Both Sides</u>
	Berms & Roads:	13589.379	2343.9199
		9	
	Berm:	0.0000	0.0000
	Path:	0.000	0.000
	Road:	6049.2197	2343.91992
	Railroad:	7540.1602	0.00
6.2	Corridor Development Data:		
	Length:	1006.3400	0.0000
6.4	Miander Migration:	Flood Chute	
		<u>Old</u>	<u>New</u>
7.2	Bank Erosion:	None	954.8699951
	Bank Height:	N.D.	6.788



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Reach: **R20T3.01**

<u>Step</u>	<u>Description</u>	<u>Value</u>	
3.1	Alluvial Fan:	None	
3.2	Grade Control:	None	
4.3	Buffer Less Than 25 ft	<u>Left</u>	<u>Right</u>
		1974	1974
5.1	Flow Regulation - Type:	None	
	Use:		
5.2	# of Bridges or Culverts:	3	
	Total Length:	550.000	
5.3	Armoring Length	<u>Left</u>	<u>Right</u>
	Data Armoring:		
5.4	Straightening Length:	1943.00000	
	Straightening Data:		

<u>Step</u>	<u>Description</u>	<u>Value</u>	
5.5	Dredging History:	None	
6.1	Berms & Roads Data:		
		<u>One Side</u>	<u>Both Sides</u>
	Berms & Roads:	572.0000	110.0000
	Berm:		
	Path:		
	Road:		
	Railroad:		
6.2	Corridor Development Data:		
	Length:	316.0000	415.0000
6.4	Miander Migration:	No Data	
		<u>Old</u>	<u>New</u>
7.2	Bank Erosion:	Low	
	Bank Height:	Low	

Reach: **R20T3.02**

<u>Step</u>	<u>Description</u>	<u>Value</u>	
3.1	Alluvial Fan:	None	
3.2	Grade Control:	None	
4.3	Buffer Less Than 25 ft	<u>Left</u>	<u>Right</u>
		1471	1261
5.1	Flow Regulation - Type:	None	
	Use:		
5.2	# of Bridges or Culverts:	2	
	Total Length:	150.000	
5.3	Armoring Length	<u>Left</u>	<u>Right</u>
	Data Armoring:	No Data	
5.4	Straightening Length:		
	Straightening Data:	None	

<u>Step</u>	<u>Description</u>	<u>Value</u>	
5.5	Dredging History:	None	
6.1	Berms & Roads Data:		
		<u>One Side</u>	<u>Both Sides</u>
	Berms & Roads:	1707.0000	
	Berm:		
	Path:		
	Road:		
	Railroad:		
6.2	Corridor Development Data:		
	Length:	210.0000	210.0000
6.4	Miander Migration:	Multiple	
		<u>Old</u>	<u>New</u>
7.2	Bank Erosion:	N.E.	
	Bank Height:	N.E.	



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Reach: **R17S6.01**

<u>Step</u>	<u>Description</u>	<u>Value</u>	
3.1	Alluvial Fan:	None	
3.2	Grade Control:	None	
4.3	Buffer Less Than 25 ft	<u>Left</u>	<u>Right</u>
		5809	5809
5.1	Flow Regulation - Type:	None	
	Use:		
5.2	# of Bridges or Culverts:	2	
	Total Length:	400.000	
5.3	Armoring Length	<u>Left</u>	<u>Right</u>
	Data Armoring:	No Data	
5.4	Straightening Length:	5766.00000	
	Straightening Data:		

<u>Step</u>	<u>Description</u>	<u>Value</u>	
5.5	Dredging History:	None	
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:	232.0000	232.0000
6.4	Miander Migration:	Migration	
		<u>Old</u>	<u>New</u>
7.2	Bank Erosion:	N.E.	
	Bank Height:	N.E.	

Reach: **R17S6.02**

<u>Step</u>	<u>Description</u>	<u>Value</u>	
3.1	Alluvial Fan:	None	
3.2	Grade Control:	None	
4.3	Buffer Less Than 25 ft	<u>Left</u>	<u>Right</u>
		1915	2174
5.1	Flow Regulation - Type:	None	
	Use:		
5.2	# of Bridges or Culverts:	2	
	Total Length:	300.000	
5.3	Armoring Length	<u>Left</u>	<u>Right</u>
	Data Armoring:	No Data	
5.4	Straightening Length:	1094.00000	
	Straightening Data:		

<u>Step</u>	<u>Description</u>	<u>Value</u>	
5.5	Dredging History:	None	
6.1	Berms & Roads Data:	<u>One Side</u>	<u>Both Sides</u>
	Berms & Roads:	500.0000	
	Berm:		
	Path:		
	Road:		
	Railroad:		
6.2	Corridor Development Data:		
	Length:	0.0000	52.0000
6.4	Miander Migration:	Migration	
		<u>Old</u>	<u>New</u>
7.2	Bank Erosion:	N.E.	
	Bank Height:	N.E.	



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Reach: **R17S6.03**

<u>Step</u>	<u>Description</u>	<u>Value</u>	
3.1	Alluvial Fan:	None	
3.2	Grade Control:	None	
4.3	Buffer Less Than 25 ft	<u>Left</u>	<u>Right</u>
		1108	353
5.1	Flow Regulation - Type:	None	
	Use:		
5.2	# of Bridges or Culverts:	1	
	Total Length:	100.000	
5.3	Armoring Length	<u>Left</u>	<u>Right</u>
	Data Armoring:	No Data	
5.4	Straightening Length:		
	Straightening Data:	None	

<u>Step</u>	<u>Description</u>	<u>Value</u>	
5.5	Dredging History:	None	
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:	0.0000	24.0000
6.4	Miander Migration:	No Data	
		<u>Old</u>	<u>New</u>
7.2	Bank Erosion:	N.E.	
	Bank Height:	N.E.	

Reach: **R17T1.01**

<u>Step</u>	<u>Description</u>	<u>Value</u>	
3.1	Alluvial Fan:	None	
3.2	Grade Control:	None	
4.3	Buffer Less Than 25 ft	<u>Left</u>	<u>Right</u>
		1871	1603
5.1	Flow Regulation - Type:	None	
	Use:		
5.2	# of Bridges or Culverts:	1	
	Total Length:	100.000	
5.3	Armoring Length	<u>Left</u>	<u>Right</u>
	Data Armoring:		
5.4	Straightening Length:	3826.00000	
	Straightening Data:		

<u>Step</u>	<u>Description</u>	<u>Value</u>	
5.5	Dredging History:	None	
6.1	Berms & Roads Data:	<u>One Side</u>	<u>Both Sides</u>
	Berms & Roads:	710.0000	
	Berm:		
	Path:		
	Road:		
	Railroad:		
6.2	Corridor Development Data:		
	Length:	89.0000	89.0000
6.4	Miander Migration:	Migration	
		<u>Old</u>	<u>New</u>
7.2	Bank Erosion:	N.E.	
	Bank Height:	N.E.	



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Reach: **R17T1.02**

<u>Step</u>	<u>Description</u>	<u>Value</u>	
3.1	Alluvial Fan:	None	
3.2	Grade Control:	None	
4.3	Buffer Less Than 25 ft	<u>Left</u>	<u>Right</u>
		5293	5690
5.1	Flow Regulation - Type:	None	
	Use:		
5.2	# of Bridges or Culverts:	2	
	Total Length:	250.000	
5.3	Armoring Length	<u>Left</u>	<u>Right</u>
	Data Armoring:	No Data	
5.4	Straightening Length:	7460.00000	
	Straightening Data:		

<u>Step</u>	<u>Description</u>	<u>Value</u>	
5.5	Dredging History:	None	
6.1	Berms & Roads Data:	<u>One Side</u>	<u>Both Sides</u>
	Berms & Roads:	1005.0000	
	Berm:		
	Path:		
	Road:		
	Railroad:		
6.2	Corridor Development Data:		
	Length:	0.0000	132.0000
6.4	Miander Migration:	No Data	
		<u>Old</u>	<u>New</u>
7.2	Bank Erosion:	N.D.	
	Bank Height:	N.D.	

Reach: **R17T1.03**

<u>Step</u>	<u>Description</u>	<u>Value</u>	
3.1	Alluvial Fan:	None	
3.2	Grade Control:	None	
4.3	Buffer Less Than 25 ft	<u>Left</u>	<u>Right</u>
		192	109
5.1	Flow Regulation - Type:	None	
	Use:		
5.2	# of Bridges or Culverts:	1	
	Total Length:	200.000	
5.3	Armoring Length	<u>Left</u>	<u>Right</u>
	Data Armoring:	No Data	
5.4	Straightening Length:		
	Straightening Data:	None	

<u>Step</u>	<u>Description</u>	<u>Value</u>	
5.5	Dredging History:	None	
6.1	Berms & Roads Data:	<u>One Side</u>	<u>Both Sides</u>
	Berms & Roads:	380.0000	
	Berm:		
	Path:		
	Road:		
	Railroad:		
6.2	Corridor Development Data:		
	Length:	0.0000	110.0000
6.4	Miander Migration:	No Data	
		<u>Old</u>	<u>New</u>
7.2	Bank Erosion:	N.E.	
	Bank Height:	N.E.	



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Reach: **R17T1.04**

<u>Step</u>	<u>Description</u>	<u>Value</u>	
3.1	Alluvial Fan:	None	
3.2	Grade Control:	None	
4.3	Buffer Less Than 25 ft	<u>Left</u>	<u>Right</u>
		949	593
5.1	Flow Regulation - Type:	None	
	Use:		
5.2	# of Bridges or Culverts:	1	
	Total Length:	200.000	
5.3	Armoring Length	<u>Left</u>	<u>Right</u>
	Data Armoring:	No Data	
5.4	Straightening Length:	649.00000	
	Straightening Data:		

<u>Step</u>	<u>Description</u>	<u>Value</u>	
5.5	Dredging History:	None	
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:	0.0000	0.0000
6.4	Miander Migration:	No Data	
		<u>Old</u>	<u>New</u>
7.2	Bank Erosion:	N.E.	
	Bank Height:	N.E.	

Reach: **R16S2.01**

<u>Step</u>	<u>Description</u>	<u>Value</u>	
3.1	Alluvial Fan:	None	
3.2	Grade Control:	None	
4.3	Buffer Less Than 25 ft	<u>Left</u>	<u>Right</u>
		1047	1309
5.1	Flow Regulation - Type:	None	
	Use:		
5.2	# of Bridges or Culverts:	3	
	Total Length:	600.000	
5.3	Armoring Length	<u>Left</u>	<u>Right</u>
	Data Armoring:	No Data	
5.4	Straightening Length:	1671.00000	
	Straightening Data:		

<u>Step</u>	<u>Description</u>	<u>Value</u>	
5.5	Dredging History:	None	
6.1	Berms & Roads Data:	<u>One Side</u>	<u>Both Sides</u>
	Berms & Roads:	363.0000	
	Berm:		
	Path:		
	Road:		
	Railroad:		
6.2	Corridor Development Data:		
	Length:	0.0000	175.0000
6.4	Miander Migration:	No Data	
		<u>Old</u>	<u>New</u>
7.2	Bank Erosion:	N.E.	
	Bank Height:	N.E.	



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Reach: **R16S2.02**

<u>Step</u>	<u>Description</u>	<u>Value</u>	
3.1	Alluvial Fan:	None	
3.2	Grade Control:	None	
4.3	Buffer Less Than 25 ft	<u>Left</u>	<u>Right</u>
		0	788
5.1	Flow Regulation - Type:	None	
	Use:		
5.2	# of Bridges or Culverts:	1	
	Total Length:	200.000	
5.3	Armoring Length	<u>Left</u>	<u>Right</u>
	Data Armoring:	No Data	
5.4	Straightening Length:	1567.00000	
	Straightening Data:		

<u>Step</u>	<u>Description</u>	<u>Value</u>	
5.5	Dredging History:	None	
6.1	Berms & Roads Data:	<u>One Side</u>	<u>Both Sides</u>
	Berms & Roads:	57.0000	
	Berm:		
	Path:		
	Road:		
	Railroad:		
6.2	Corridor Development Data:		
	Length:	79.0000	79.0000
6.4	Miander Migration:	No Data	
		<u>Old</u>	<u>New</u>
7.2	Bank Erosion:	N.E.	
	Bank Height:	N.E.	

Reach: **R16S2.03**

<u>Step</u>	<u>Description</u>	<u>Value</u>	
3.1	Alluvial Fan:	None	
3.2	Grade Control:	None	
4.3	Buffer Less Than 25 ft	<u>Left</u>	<u>Right</u>
		1338	1863
5.1	Flow Regulation - Type:	None	
	Use:		
5.2	# of Bridges or Culverts:	0	
	Total Length:	0.000	
5.3	Armoring Length	<u>Left</u>	<u>Right</u>
	Data Armoring:	No Data	
5.4	Straightening Length:	1575.00000	
	Straightening Data:		

<u>Step</u>	<u>Description</u>	<u>Value</u>	
5.5	Dredging History:	None	
6.1	Berms & Roads Data:	<u>One Side</u>	<u>Both Sides</u>
	Berms & Roads:	None	
	Berm:		
	Path:		
	Road:		
	Railroad:		
6.2	Corridor Development Data:		
	Length:	0.0000	0.0000
6.4	Miander Migration:	No Data	
		<u>Old</u>	<u>New</u>
7.2	Bank Erosion:	N.E.	
	Bank Height:	N.E.	



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Reach: **R16S2.04**

<u>Step</u>	<u>Description</u>	<u>Value</u>	
3.1	Alluvial Fan:	None	
3.2	Grade Control:	None	
4.3	Buffer Less Than 25 ft	<u>Left</u>	<u>Right</u>
		2364	2152
5.1	Flow Regulation - Type:	None	
	Use:		
5.2	# of Bridges or Culverts:	2	
	Total Length:	400.000	
5.3	Armoring Length	<u>Left</u>	<u>Right</u>
	Data Armoring:		
5.4	Straightening Length:	3025.00000	
	Straightening Data:		

<u>Step</u>	<u>Description</u>	<u>Value</u>	
5.5	Dredging History:	None	
6.1	Berms & Roads Data:		
		<u>One Side</u>	<u>Both Sides</u>
	Berms & Roads:	550.0000	
	Berm:		
	Path:		
	Road:		
	Railroad:		
6.2	Corridor Development Data:		
	Length:	71.0000	35.0000
6.4	Miander Migration:	No Data	
		<u>Old</u>	<u>New</u>
7.2	Bank Erosion:	N.E.	
	Bank Height:	N.E.	