



Stream Geomorphic Assessment

Agency of Natural Resources

VT DEC

Vermont.gov
May, 20 2024

Phase 1 - FIT - Legacy Data Report

Ompompanoosuc

SGAT Version: 4.56

Reach: R01

Step	Description	Value	Step	Description	Value
3.1	Alluvial Fan:	None	5.5	Dredging History:	None
3.2	Grade Control:	None	6.1	Berms & Roads Data:	
4.3	Buffer Less Than 25 ft	<u>Left</u> <u>Right</u>		<u>One Side</u> <u>Both Sides</u>	
		3808 3321		Berms & Roads:	2996.2700 1193.1000
5.1	Flow Regulation - Type:	None		Berm:	0.0000 0.0000
	Use:			Path:	0.000 0.000
5.2	# of Bridges or Culverts:	4		Road:	2996.2700 1193.09998
	Total Length:	2800.000		Railroad:	0.0000 0.00
5.3	Armoring Length	<u>Left</u> <u>Right</u>	6.2	Corridor Development Data:	
		388.640 318.450		Length:	1502.9200 0.0000
		01 01	6.4	Miander Migration:	
	Data Armoring:			<u>Old</u> <u>New</u>	
5.4	Straightening Length:	4592.20020	7.2	Bank Erosion:	None 0.0000000
	Straightening Data:			Bank Height:	N.D. 0.000



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Reach: R02				<u>Step</u>	<u>Description</u>	<u>Value</u>	
<u>Step</u>	<u>Description</u>	<u>Value</u>		5.5	Dredging History:	None	
3.1	Alluvial Fan:	None		6.1	Berms & Roads Data:		
3.2	Grade Control:	None			<u>One Side</u>	<u>Both Sides</u>	
4.3	Buffer Less Than 25 ft	<u>Left</u>	<u>Right</u>	Berms & Roads:	1516.4100	0.0000	
		171	274	Berm:	0.0000	0.0000	
5.1	Flow Regulation - Type:	None		Path:	0.000	0.000	
	Use:			Road:	1516.4100	0.00000	
5.2	# of Bridges or Culverts:	1		Railroad:	0.0000	0.00	
	Total Length:	500.000		6.2	Corridor Development Data:		
5.3	Armoring Length	<u>Left</u>	<u>Right</u>	Length:	169.1000	320.3400	
		102.380	220.570	6.4	Miander Migration:		
		00	01		<u>Old</u>	<u>New</u>	
	Data Armoring:			7.2	Bank Erosion:	None	67.6900024
5.4	Straightening Length:	1085.58997		Bank Height:	N.D.	2.000	
	Straightening Data:						

Reach: R12S1.05				<u>Step</u>	<u>Description</u>	<u>Value</u>	
<u>Step</u>	<u>Description</u>	<u>Value</u>		5.5	Dredging History:	None	
3.1	Alluvial Fan:	None		6.1	Berms & Roads Data:		
3.2	Grade Control:	None			<u>One Side</u>	<u>Both Sides</u>	
4.3	Buffer Less Than 25 ft	<u>Left</u>	<u>Right</u>	Berms & Roads:	1449.8300	0.0000	
		158	794	Berm:	0.0000	0.0000	
5.1	Flow Regulation - Type:	None		Path:	0.000	0.000	
	Use:			Road:	0.0000	0.00000	
5.2	# of Bridges or Culverts:	1		Railroad:	0.0000	0.00	
	Total Length:	100.000		6.2	Corridor Development Data:		
5.3	Armoring Length	<u>Left</u>	<u>Right</u>	Length:	0.0000	0.0000	
		0.00000	17.7700	6.4	Miander Migration:		
			0		<u>Old</u>	<u>New</u>	
	Data Armoring:			7.2	Bank Erosion:	None	77.2500000
5.4	Straightening Length:	1301.50000		Bank Height:	N.D.	4.000	
	Straightening Data:						



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Reach: R12S1.06				<u>Step</u>	<u>Description</u>	<u>Value</u>
<u>Step</u>	<u>Description</u>	<u>Value</u>		5.5	Dredging History:	None
3.1	Alluvial Fan:	None		6.1	Berms & Roads Data:	
3.2	Grade Control:	None			<u>One Side</u>	<u>Both Sides</u>
4.3	Buffer Less Than 25 ft	<u>Left</u>	<u>Right</u>	Berms & Roads:	2626.4800	0.0000
		1657	126	Berm:	0.0000	0.0000
5.1	Flow Regulation - Type:	None		Path:	0.000	0.000
	Use:			Road:	0.0000	0.00000
5.2	# of Bridges or Culverts:	1		Railroad:	0.0000	0.00
	Total Length:	380.000		6.2	Corridor Development Data:	
5.3	Armoring Length	<u>Left</u>	<u>Right</u>	Length:	282.5600	0.0000
		0.00000	0.00000	6.4	Miander Migration:	
	Data Armoring:	None			<u>Old</u>	<u>New</u>
5.4	Straightening Length:	0.00000		7.2	Bank Erosion:	None 322.0000000
	Straightening Data:	None			Bank Height:	N.D. 3.000

Reach: R12S1.07				<u>Step</u>	<u>Description</u>	<u>Value</u>
<u>Step</u>	<u>Description</u>	<u>Value</u>		5.5	Dredging History:	None
3.1	Alluvial Fan:	Yes		6.1	Berms & Roads Data:	
3.2	Grade Control:	None			<u>One Side</u>	<u>Both Sides</u>
4.3	Buffer Less Than 25 ft	<u>Left</u>	<u>Right</u>	Berms & Roads:	240.4600	0.0000
		1196	1337	Berm:	0.0000	0.0000
5.1	Flow Regulation - Type:	None		Path:	0.000	0.000
	Use:			Road:	0.0000	0.00000
5.2	# of Bridges or Culverts:	1		Railroad:	0.0000	0.00
	Total Length:	350.000		6.2	Corridor Development Data:	
5.3	Armoring Length	<u>Left</u>	<u>Right</u>	Length:	173.5000	0.0000
		0.00000	0.00000	6.4	Miander Migration:	
	Data Armoring:	None			<u>Old</u>	<u>New</u>
5.4	Straightening Length:	1156.79004		7.2	Bank Erosion:	None 132.3600006
	Straightening Data:				Bank Height:	N.D. 3.000



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Reach: R12S1.08				<u>Step</u>	<u>Description</u>	<u>Value</u>	
<u>Step</u>	<u>Description</u>	<u>Value</u>		5.5	Dredging History:	None	
3.1	Alluvial Fan:	None		6.1	Berms & Roads Data:		
3.2	Grade Control:	None				<u>One Side</u>	<u>Both Sides</u>
4.3	Buffer Less Than 25 ft	<u>Left</u>	<u>Right</u>	Berms & Roads:	0.0000	0.0000	
		1609	1676	Berm:	0.0000	0.0000	
5.1	Flow Regulation - Type:	None		Path:	0.000	0.000	
	Use:			Road:	0.0000	0.00000	
5.2	# of Bridges or Culverts:	0		Railroad:	0.0000	0.00	
	Total Length:	0.000		6.2	Corridor Development Data:		
5.3	Armoring Length	<u>Left</u>	<u>Right</u>	Length:	0.0000	0.0000	
		0.00000	0.00000	6.4	Miander Migration:		
	Data Armoring:	None				<u>Old</u>	<u>New</u>
5.4	Straightening Length:	0.00000		7.2	Bank Erosion:	None	0.0000000
	Straightening Data:	None			Bank Height:	N.D.	0.000

Reach: R06S1.01				<u>Step</u>	<u>Description</u>	<u>Value</u>	
<u>Step</u>	<u>Description</u>	<u>Value</u>		5.5	Dredging History:	None	
3.1	Alluvial Fan:	None		6.1	Berms & Roads Data:		
3.2	Grade Control:	Ledge				<u>One Side</u>	<u>Both Sides</u>
4.3	Buffer Less Than 25 ft	<u>Left</u>	<u>Right</u>	Berms & Roads:	0.0000	0.0000	
		0	555	Berm:	0.0000	0.0000	
5.1	Flow Regulation - Type:	None		Path:	0.000	0.000	
	Use:			Road:	0.0000	0.00000	
5.2	# of Bridges or Culverts:	1		Railroad:	0.0000	0.00	
	Total Length:	200.000		6.2	Corridor Development Data:		
5.3	Armoring Length	<u>Left</u>	<u>Right</u>	Length:	0.0000	0.0000	
		160.590	188.910	6.4	Miander Migration:	Flood Chute	
		00	00			<u>Old</u>	<u>New</u>
	Data Armoring:			7.2	Bank Erosion:	None	419.4400024
5.4	Straightening Length:	317.78998			Bank Height:	N.D.	2.782
	Straightening Data:						



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Reach: R06S1.02				<u>Step</u> <u>Description</u> <u>Value</u>		
<u>Step</u>	<u>Description</u>	<u>Value</u>		5.5	Dredging History: None	
3.1	Alluvial Fan:	None		6.1	Berms & Roads Data:	
3.2	Grade Control:	Ledge			<u>One Side</u>	<u>Both Sides</u>
4.3	Buffer Less Than 25 ft	<u>Left</u>	<u>Right</u>	Berms & Roads:	52.8200	0.0000
		0	0	Berm:	52.8200	0.0000
5.1	Flow Regulation - Type:	None		Path:	0.000	0.000
	Use:			Road:	0.0000	0.00000
5.2	# of Bridges or Culverts:	1		Railroad:	0.0000	0.00
	Total Length:	400.000		6.2	Corridor Development Data:	
5.3	Armoring Length	<u>Left</u>	<u>Right</u>	Length:	0.0000	0.0000
		229.759	228.340	6.4	Miander Migration: Multiple	
		99	00		<u>Old</u>	<u>New</u>
	Data Armoring:			7.2	Bank Erosion:	None 427.3299866
5.4	Straightening Length:	233.16000		Bank Height:	N.D.	3.318
	Straightening Data:					

Reach: R06S1.02S1.01				<u>Step</u>	<u>Description</u>	<u>Value</u>	
<u>Step</u>	<u>Description</u>	<u>Value</u>		5.5	Dredging History:	None	
3.1	Alluvial Fan:	Yes		6.1	Berms & Roads Data:		
3.2	Grade Control:	None				<u>One Side</u>	<u>Both Sides</u>
4.3	Buffer Less Than 25 ft	<u>Left</u>	<u>Right</u>	Berms & Roads:	0.0000	0.0000	
		0	0	Berm:	0.0000	0.0000	
5.1	Flow Regulation - Type:	None		Path:	0.000	0.000	
	Use:			Road:	0.0000	0.00000	
5.2	# of Bridges or Culverts:	0		Railroad:	0.0000	0.00	
	Total Length:	0.000		6.2	Corridor Development Data:		
5.3	Armoring Length	<u>Left</u>	<u>Right</u>	Length:	0.0000	0.0000	
		0.00000	0.00000	6.4	Miander Migration:		
	Data Armoring:	None				<u>Old</u>	<u>New</u>
5.4	Straightening Length:	0.00000		7.2	Bank Erosion:	None	0.0000000
	Straightening Data:	None		Bank Height:	N.D.	0.000	



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Reach: R06S1.02S1.02				<u>Step</u>	<u>Description</u>	<u>Value</u>
<u>Step</u>	<u>Description</u>	<u>Value</u>		5.5	Dredging History:	None
3.1	Alluvial Fan:	None		6.1	Berms & Roads Data:	None
3.2	Grade Control:	None			<u>One Side</u>	<u>Both Sides</u>
4.3	Buffer Less Than 25 ft	<u>Left</u>	<u>Right</u>		Berms & Roads:	
					Berm:	
5.1	Flow Regulation - Type:				Path:	
	Use:				Road:	
5.2	# of Bridges or Culverts:				Railroad:	
	Total Length:			6.2	Corridor Development Data:	None
5.3	Armoring Length	<u>Left</u>	<u>Right</u>		Length:	
	Data Armoring:	None		6.4	Miander Migration:	
5.4	Straightening Length:				<u>Old</u>	<u>New</u>
	Straightening Data:	None		7.2	Bank Erosion:	
					Bank Height:	

Reach: R06S1.02S1.03				<u>Step</u>	<u>Description</u>	<u>Value</u>
<u>Step</u>	<u>Description</u>	<u>Value</u>		5.5	Dredging History:	None
3.1	Alluvial Fan:	Yes		6.1	Berms & Roads Data:	
3.2	Grade Control:	None			<u>One Side</u>	<u>Both Sides</u>
4.3	Buffer Less Than 25 ft	<u>Left</u>	<u>Right</u>		Berms & Roads:	331.0800
		242	0		Berm:	0.0000
5.1	Flow Regulation - Type:	None			Path:	0.000
	Use:				Road:	0.0000
5.2	# of Bridges or Culverts:	0			Railroad:	0.0000
	Total Length:	0.000		6.2	Corridor Development Data:	
5.3	Armoring Length	<u>Left</u>	<u>Right</u>		Length:	118.2200
		0.00000	0.00000	6.4	Miander Migration:	0.0000
	Data Armoring:	None			<u>Old</u>	<u>New</u>
5.4	Straightening Length:	0.00000		7.2	Bank Erosion:	None
	Straightening Data:	None			Bank Height:	0.0000000
					N.D.	0.000



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Reach: **R06S1.02S1.04**

<u>Step</u>	<u>Description</u>	<u>Value</u>
3.1	Alluvial Fan:	None
3.2	Grade Control:	Waterfall
4.3	Buffer Less Than 25 ft	<u>Left</u> <u>Right</u>
		195 59
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>
		141.830 135.830
		00 00
	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:	0.0000 0.0000
	Berm:	0.0000 0.0000
	Path:	0.000 0.000
	Road:	0.0000 0.00000
	Railroad:	0.0000 0.00
6.2	Corridor Development Data:	
	Length:	261.1100 0.0000
6.4	Miander Migration:	
		<u>Old</u> <u>New</u>
7.2	Bank Erosion:	None 0.0000000
	Bank Height:	N.D. 0.000

Reach: **R06S1.02S1.06**

<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:	50.000
5.3	Armoring Length	<u>Left</u> <u>Right</u>
		0.00000 0.00000
	Data Armoring:	None
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:	88.5100 0.0000
	Berm:	0.0000 0.0000
	Path:	0.000 0.000
	Road:	0.0000 0.00000
	Railroad:	0.0000 0.00
6.2	Corridor Development Data:	
	Length:	0.0000 0.0000
6.4	Miander Migration:	
		<u>Old</u> <u>New</u>
7.2	Bank Erosion:	None 0.0000000
	Bank Height:	N.D. 0.000



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Reach: R06S1.02S1.07				<u>Step</u>	<u>Description</u>	<u>Value</u>	
<u>Step</u>	<u>Description</u>	<u>Value</u>		5.5	Dredging History:	None	
3.1	Alluvial Fan:	None		6.1	Berms & Roads Data:		
3.2	Grade Control:	Dam				<u>One Side</u>	<u>Both Sides</u>
4.3	Buffer Less Than 25 ft	<u>Left</u>	<u>Right</u>	Berms & Roads:	105.2100	0.0000	
		39	42	Berm:	0.0000	0.0000	
5.1	Flow Regulation - Type:	Small Run of River		Path:	0.000	0.000	
	Use:	Recreation		Road:	0.0000	0.00000	
5.2	# of Bridges or Culverts:	1		Railroad:	0.0000	0.00	
	Total Length:	350.000		6.2	Corridor Development Data:		
5.3	Armoring Length	<u>Left</u>	<u>Right</u>	Length:	0.0000	0.0000	
		0.00000	0.00000	6.4	Miander Migration:		
	Data Armoring:	None				<u>Old</u>	<u>New</u>
5.4	Straightening Length:	0.00000		7.2	Bank Erosion:	None	248.5400085
	Straightening Data:	None			Bank Height:	N.D.	2.449

Reach: R06S1.02S1.09				<u>Step</u>	<u>Description</u>	<u>Value</u>	
<u>Step</u>	<u>Description</u>	<u>Value</u>		5.5	Dredging History:	None	
3.1	Alluvial Fan:	Yes		6.1	Berms & Roads Data:		
3.2	Grade Control:	Dam				<u>One Side</u>	<u>Both Sides</u>
4.3	Buffer Less Than 25 ft	<u>Left</u>	<u>Right</u>	Berms & Roads:	0.0000	0.0000	
		1293	1198	Berm:	0.0000	0.0000	
5.1	Flow Regulation - Type:	None		Path:	0.000	0.000	
	Use:			Road:	0.0000	0.00000	
5.2	# of Bridges or Culverts:	1		Railroad:	0.0000	0.00	
	Total Length:	50.000		6.2	Corridor Development Data:		
5.3	Armoring Length	<u>Left</u>	<u>Right</u>	Length:	197.8400	198.2700	
		0.00000	0.00000	6.4	Miander Migration:		
	Data Armoring:	None				<u>Old</u>	<u>New</u>
5.4	Straightening Length:	0.00000		7.2	Bank Erosion:	None	0.0000000
	Straightening Data:	None			Bank Height:	N.D.	0.000



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Reach: R06S1.03				<u>Step</u>	<u>Description</u>	<u>Value</u>
<u>Step</u>	<u>Description</u>	<u>Value</u>		5.5	Dredging History:	None
3.1	Alluvial Fan:	None		6.1	Berms & Roads Data:	None
3.2	Grade Control:	None			<u>One Side</u>	<u>Both Sides</u>
4.3	Buffer Less Than 25 ft	<u>Left</u>	<u>Right</u>		Berms & Roads:	
					Berm:	
5.1	Flow Regulation - Type:				Path:	
	Use:				Road:	
5.2	# of Bridges or Culverts:				Railroad:	
	Total Length:			6.2	Corridor Development Data:	None
5.3	Armoring Length	<u>Left</u>	<u>Right</u>		Length:	
	Data Armoring:	None		6.4	Miander Migration:	
5.4	Straightening Length:				<u>Old</u>	<u>New</u>
	Straightening Data:	None		7.2	Bank Erosion:	
					Bank Height:	

Reach: R06S1.04				<u>Step</u>	<u>Description</u>	<u>Value</u>
<u>Step</u>	<u>Description</u>	<u>Value</u>		5.5	Dredging History:	None
3.1	Alluvial Fan:	None		6.1	Berms & Roads Data:	None
3.2	Grade Control:	None			<u>One Side</u>	<u>Both Sides</u>
4.3	Buffer Less Than 25 ft	<u>Left</u>	<u>Right</u>		Berms & Roads:	
					Berm:	
5.1	Flow Regulation - Type:				Path:	
	Use:				Road:	
5.2	# of Bridges or Culverts:				Railroad:	
	Total Length:			6.2	Corridor Development Data:	None
5.3	Armoring Length	<u>Left</u>	<u>Right</u>		Length:	
	Data Armoring:	None		6.4	Miander Migration:	
5.4	Straightening Length:				<u>Old</u>	<u>New</u>
	Straightening Data:	None		7.2	Bank Erosion:	
					Bank Height:	



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Reach: R06S1.05				<u>Step</u>	<u>Description</u>	<u>Value</u>
<u>Step</u>	<u>Description</u>	<u>Value</u>		5.5	Dredging History:	None
3.1	Alluvial Fan:	None		6.1	Berms & Roads Data:	
3.2	Grade Control:	None			<u>One Side</u>	<u>Both Sides</u>
4.3	Buffer Less Than 25 ft	<u>Left</u>	<u>Right</u>	Berms & Roads:	0.0000	0.0000
		601	1502	Berm:	0.0000	0.0000
5.1	Flow Regulation - Type:	None		Path:	0.000	0.000
	Use:			Road:	0.0000	0.00000
5.2	# of Bridges or Culverts:	1		Railroad:	0.0000	0.00
	Total Length:	200.000		6.2	Corridor Development Data:	
5.3	Armoring Length	<u>Left</u>	<u>Right</u>	Length:	174.2700	0.0000
		59.2600	66.7100	6.4	Miander Migration:	
		0	0		<u>Old</u>	<u>New</u>
	Data Armoring:			7.2	Bank Erosion:	None 54.6699982
5.4	Straightening Length:	0.00000			Bank Height:	N.D. 3.000
	Straightening Data:	None				

Reach: R06S1.07				<u>Step</u>	<u>Description</u>	<u>Value</u>
<u>Step</u>	<u>Description</u>	<u>Value</u>		5.5	Dredging History:	None
3.1	Alluvial Fan:	None		6.1	Berms & Roads Data:	None
3.2	Grade Control:	None			<u>One Side</u>	<u>Both Sides</u>
4.3	Buffer Less Than 25 ft	<u>Left</u>	<u>Right</u>	Berms & Roads:		
5.1	Flow Regulation - Type:			Berm:		
	Use:			Path:		
5.2	# of Bridges or Culverts:			Road:		
	Total Length:			Railroad:		
5.3	Armoring Length	<u>Left</u>	<u>Right</u>	6.2	Corridor Development Data:	None
				Length:		
	Data Armoring:	None		6.4	Miander Migration:	
5.4	Straightening Length:				<u>Old</u>	<u>New</u>
	Straightening Data:	None		7.2	Bank Erosion:	
					Bank Height:	



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Reach: R03				<u>Step</u>	<u>Description</u>	<u>Value</u>
<u>Step</u>	<u>Description</u>	<u>Value</u>		5.5	Dredging History:	None
3.1	Alluvial Fan:	None		6.1	Berms & Roads Data:	
3.2	Grade Control:	None			<u>One Side</u>	<u>Both Sides</u>
4.3	Buffer Less Than 25 ft	<u>Left</u>	<u>Right</u>	Berms & Roads:	2760.9800	812.4000
		1655	1021	Berm:	0.0000	0.0000
5.1	Flow Regulation - Type:	None		Path:	0.000	0.000
	Use:			Road:	2760.9800	812.40002
5.2	# of Bridges or Culverts:	0		Railroad:	0.0000	0.00
	Total Length:	0.000		6.2	Corridor Development Data:	
5.3	Armoring Length	<u>Left</u>	<u>Right</u>	Length:	183.2900	330.3600
		32.1900	0.00000	6.4	Miander Migration:	Multiple
		0			<u>Old</u>	<u>New</u>
	Data Armoring:			7.2	Bank Erosion:	None
5.4	Straightening Length:	2290.02002				2371.030029
	Straightening Data:					3
				Bank Height:	N.D.	3.856

Reach: R04				<u>Step</u>	<u>Description</u>	<u>Value</u>
<u>Step</u>	<u>Description</u>	<u>Value</u>		5.5	Dredging History:	None
3.1	Alluvial Fan:	None		6.1	Berms & Roads Data:	
3.2	Grade Control:	None			<u>One Side</u>	<u>Both Sides</u>
4.3	Buffer Less Than 25 ft	<u>Left</u>	<u>Right</u>	Berms & Roads:	750.6100	444.4100
		1123	49	Berm:	0.0000	0.0000
5.1	Flow Regulation - Type:	None		Path:	0.000	0.000
	Use:			Road:	750.6100	444.41000
5.2	# of Bridges or Culverts:	0		Railroad:	0.0000	0.00
	Total Length:	0.000		6.2	Corridor Development Data:	
5.3	Armoring Length	<u>Left</u>	<u>Right</u>	Length:	349.0700	0.0000
		0.00000	0.00000	6.4	Miander Migration:	Flood Chute
	Data Armoring:	None			<u>Old</u>	<u>New</u>
5.4	Straightening Length:	679.58002		7.2	Bank Erosion:	None
	Straightening Data:					418.1300049
				Bank Height:	N.D.	2.250



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Reach: R05				<u>Step</u>	<u>Description</u>	<u>Value</u>
<u>Step</u>	<u>Description</u>	<u>Value</u>		5.5	Dredging History:	None
3.1	Alluvial Fan:	None		6.1	Berms & Roads Data:	
3.2	Grade Control:	None			<u>One Side</u>	<u>Both Sides</u>
4.3	Buffer Less Than 25 ft	<u>Left</u>	<u>Right</u>	Berms & Roads:	547.9500	2065.7200
		455	1203	Berm:	0.0000	0.0000
5.1	Flow Regulation - Type:	None		Path:	0.000	0.000
	Use:			Road:	547.9500	2065.71997
5.2	# of Bridges or Culverts:	0		Railroad:	0.0000	0.00
	Total Length:	0.000		6.2	Corridor Development Data:	
5.3	Armoring Length	<u>Left</u>	<u>Right</u>	Length:	2455.3201	407.7100
		0.00000	171.92999	6.4	Miander Migration:	Multiple
	Data Armoring:				<u>Old</u>	<u>New</u>
5.4	Straightening Length:	4340.47998		7.2	Bank Erosion:	None 1889.6700439
	Straightening Data:			Bank Height:	N.D.	4.388

Reach: R06				<u>Step</u>	<u>Description</u>	<u>Value</u>
<u>Step</u>	<u>Description</u>	<u>Value</u>		5.5	Dredging History:	None
3.1	Alluvial Fan:	None		6.1	Berms & Roads Data:	
3.2	Grade Control:	Multiple			<u>One Side</u>	<u>Both Sides</u>
4.3	Buffer Less Than 25 ft	<u>Left</u>	<u>Right</u>	Berms & Roads:		
		212	746	Berm:		
5.1	Flow Regulation - Type:	Large Store and Release		Path:		
	Use:	Flood Control		Road:		
5.2	# of Bridges or Culverts:	1		Railroad:		
	Total Length:	300.000		6.2	Corridor Development Data:	
5.3	Armoring Length	<u>Left</u>	<u>Right</u>	Length:		
		302.38000	351.71002	6.4	Miander Migration:	
	Data Armoring:				<u>Old</u>	<u>New</u>
5.4	Straightening Length:	2302.19995		7.2	Bank Erosion:	None 442.0299988
	Straightening Data:			Bank Height:	N.D.	3.000



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Reach: R08				Step	Description	Value	
Step	Description	Value		5.5	Dredging History:	None	
3.1	Alluvial Fan:	None		6.1	Berms & Roads Data:		
3.2	Grade Control:	Ledge			One Side	Both Sides	
4.3	Buffer Less Than 25 ft	Left	Right	Berms & Roads:	5472.2300	0.0000	
		277	0	Berm:	0.0000	0.0000	
5.1	Flow Regulation - Type:	None		Path:	0.000	0.000	
	Use:			Road:	5472.2300	0.00000	
5.2	# of Bridges or Culverts:	1		Railroad:	0.0000	0.00	
	Total Length:	100.000		6.2	Corridor Development Data:		
5.3	Armoring Length	Left	Right	Length:	0.0000	0.0000	
		0.00000	117.28000	6.4	Miander Migration:	Multiple	
	Data Armoring:				Old	New	
5.4	Straightening Length:	2655.52979		7.2	Bank Erosion:	None	4562.5297852
	Straightening Data:			Bank Height:	N.D.	6.045	

Reach: R09				Step	Description	Value	
Step	Description	Value		5.5	Dredging History:	None	
3.1	Alluvial Fan:	None		6.1	Berms & Roads Data:		
3.2	Grade Control:	None			One Side	Both Sides	
4.3	Buffer Less Than 25 ft	Left	Right	Berms & Roads:			
		266	1418	Berm:			
5.1	Flow Regulation - Type:	None		Path:			
	Use:			Road:			
5.2	# of Bridges or Culverts:	0		Railroad:			
	Total Length:	0.000		6.2	Corridor Development Data:		
5.3	Armoring Length	Left	Right	Length:			
		0.00000	86.45000	6.4	Miander Migration:		
	Data Armoring:				Old	New	
5.4	Straightening Length:	1728.55005		7.2	Bank Erosion:	None	1109.2800293
	Straightening Data:			Bank Height:	N.D.	4.914	



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Reach: R10				<u>Step</u>	<u>Description</u>	<u>Value</u>
<u>Step</u>	<u>Description</u>	<u>Value</u>		5.5	Dredging History:	None
3.1	Alluvial Fan:	None		6.1	Berms & Roads Data:	
3.2	Grade Control:	Multiple			<u>One Side</u>	<u>Both Sides</u>
4.3	Buffer Less Than 25 ft	<u>Left</u>	<u>Right</u>	Berms & Roads:	1637.5500	0.0000
		688	0	Berm:	0.0000	0.0000
5.1	Flow Regulation - Type:	None		Path:	0.000	0.000
	Use:			Road:	1637.5500	0.00000
5.2	# of Bridges or Culverts:	1		Railroad:	0.0000	0.00
	Total Length:	240.000		6.2	Corridor Development Data:	
5.3	Armoring Length	<u>Left</u>	<u>Right</u>	Length:	273.3900	255.0200
		288.060	35.1700	6.4	Miander Migration:	Multiple
		00	0		<u>Old</u>	<u>New</u>
	Data Armoring:			7.2	Bank Erosion:	None
5.4	Straightening Length:	1236.13000				1100.719970
	Straightening Data:					7
				Bank Height:	N.D.	3.839

Reach: R11				<u>Step</u>	<u>Description</u>	<u>Value</u>
<u>Step</u>	<u>Description</u>	<u>Value</u>		5.5	Dredging History:	Gravel Mining
3.1	Alluvial Fan:	None		6.1	Berms & Roads Data:	
3.2	Grade Control:	Ledge			<u>One Side</u>	<u>Both Sides</u>
4.3	Buffer Less Than 25 ft	<u>Left</u>	<u>Right</u>	Berms & Roads:	1836.3999	0.0000
		1087	175	Berm:	0.0000	0.0000
5.1	Flow Regulation - Type:	None		Path:	0.000	0.000
	Use:			Road:	1836.3999	0.00000
5.2	# of Bridges or Culverts:	0		Railroad:	0.0000	0.00
	Total Length:	0.000		6.2	Corridor Development Data:	
5.3	Armoring Length	<u>Left</u>	<u>Right</u>	Length:	736.0900	108.0600
		246.840	179.210	6.4	Miander Migration:	Multiple
		00	01		<u>Old</u>	<u>New</u>
	Data Armoring:			7.2	Bank Erosion:	None
5.4	Straightening Length:	2021.89001				4160.359863
	Straightening Data:					3
				Bank Height:	N.D.	4.340



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Reach: R12				<u>Step</u>	<u>Description</u>	<u>Value</u>
<u>Step</u>	<u>Description</u>	<u>Value</u>		5.5	Dredging History:	None
3.1	Alluvial Fan:	None		6.1	Berms & Roads Data:	
3.2	Grade Control:	Ledge			<u>One Side</u>	<u>Both Sides</u>
4.3	Buffer Less Than 25 ft	<u>Left</u>	<u>Right</u>	Berms & Roads:	2147.3201	0.0000
		44	86	Berm:	0.0000	0.0000
5.1	Flow Regulation - Type:	None		Path:	0.000	0.000
	Use:			Road:	2147.3201	0.00000
5.2	# of Bridges or Culverts:	1		Railroad:	0.0000	0.00
	Total Length:	350.000		6.2	Corridor Development Data:	
5.3	Armoring Length	<u>Left</u>	<u>Right</u>	Length:	1269.6700	0.0000
		114.410	230.480	6.4	Miander Migration:	Flood Chute
		00	01		<u>Old</u>	<u>New</u>
	Data Armoring:			7.2	Bank Erosion:	None 134.3200073
5.4	Straightening Length:	160.66000		Bank Height:	N.D.	10.301
	Straightening Data:					

Reach: R13				<u>Step</u>	<u>Description</u>	<u>Value</u>
<u>Step</u>	<u>Description</u>	<u>Value</u>		5.5	Dredging History:	None
3.1	Alluvial Fan:	None		6.1	Berms & Roads Data:	
3.2	Grade Control:	Ledge			<u>One Side</u>	<u>Both Sides</u>
4.3	Buffer Less Than 25 ft	<u>Left</u>	<u>Right</u>	Berms & Roads:		
		0	318	Berm:		
5.1	Flow Regulation - Type:	None		Path:		
	Use:			Road:		
5.2	# of Bridges or Culverts:	0		Railroad:		
	Total Length:	0.000		6.2	Corridor Development Data:	
5.3	Armoring Length	<u>Left</u>	<u>Right</u>	Length:		
		0.00000	0.00000	6.4	Miander Migration:	
	Data Armoring:	None			<u>Old</u>	<u>New</u>
5.4	Straightening Length:	0.00000		7.2	Bank Erosion:	None 299.2300110
	Straightening Data:	None		Bank Height:	N.D.	4.000



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Reach: R14				<u>Step</u>	<u>Description</u>	<u>Value</u>	
<u>Step</u>	<u>Description</u>	<u>Value</u>		5.5	Dredging History:	None	
3.1	Alluvial Fan:	None		6.1	Berms & Roads Data:		
3.2	Grade Control:	Ledge				<u>One Side</u>	<u>Both Sides</u>
4.3	Buffer Less Than 25 ft	<u>Left</u>	<u>Right</u>	Berms & Roads:	0.0000	0.0000	
		0	1465	Berm:	0.0000	0.0000	
5.1	Flow Regulation - Type:	None		Path:	0.000	0.000	
	Use:			Road:	0.0000	0.00000	
5.2	# of Bridges or Culverts:	0		Railroad:	0.0000	0.00	
	Total Length:	0.000		6.2	Corridor Development Data:		
5.3	Armoring Length	<u>Left</u>	<u>Right</u>	Length:	578.1900	0.0000	
		0.00000	0.00000	6.4	Miander Migration:	Migration	
	Data Armoring:	None				<u>Old</u>	<u>New</u>
5.4	Straightening Length:	1105.75000		7.2	Bank Erosion:	None	1688.260009
						8	
	Straightening Data:			Bank Height:	N.D.	4.000	

Reach: R15				<u>Step</u>	<u>Description</u>	<u>Value</u>	
<u>Step</u>	<u>Description</u>	<u>Value</u>		5.5	Dredging History:	None	
3.1	Alluvial Fan:	None		6.1	Berms & Roads Data:		
3.2	Grade Control:	Multiple				<u>One Side</u>	<u>Both Sides</u>
4.3	Buffer Less Than 25 ft	<u>Left</u>	<u>Right</u>	Berms & Roads:	723.8000	0.0000	
		274	173	Berm:	0.0000	0.0000	
5.1	Flow Regulation - Type:	Small Run of River		Path:	0.000	0.000	
	Use:	Other		Road:	723.8000	0.00000	
5.2	# of Bridges or Culverts:	1		Railroad:	0.0000	0.00	
	Total Length:	200.000		6.2	Corridor Development Data:		
5.3	Armoring Length	<u>Left</u>	<u>Right</u>	Length:	525.6800	0.0000	
		0.00000	412.069	6.4	Miander Migration:	Flood Chute	
			98			<u>Old</u>	<u>New</u>
	Data Armoring:			7.2	Bank Erosion:	None	622.8200073
5.4	Straightening Length:	995.26001				N.D.	6.275
	Straightening Data:			Bank Height:			



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Reach: R16				<u>Step</u>	<u>Description</u>	<u>Value</u>
<u>Step</u>	<u>Description</u>	<u>Value</u>		5.5	Dredging History:	None
3.1	Alluvial Fan:	None		6.1	Berms & Roads Data:	
3.2	Grade Control:	None			<u>One Side</u>	<u>Both Sides</u>
4.3	Buffer Less Than 25 ft	<u>Left</u>	<u>Right</u>	Berms & Roads:	444.2300	0.0000
		0	0	Berm:	444.2300	0.0000
5.1	Flow Regulation - Type:	None		Path:	0.000	0.000
	Use:			Road:	0.0000	0.00000
5.2	# of Bridges or Culverts:	0		Railroad:	0.0000	0.00
	Total Length:	0.000		6.2	Corridor Development Data:	
5.3	Armoring Length	<u>Left</u>	<u>Right</u>	Length:	276.0900	0.0000
		0.00000	0.00000	6.4	Miander Migration:	Flood Chute
	Data Armoring:	None			<u>Old</u>	<u>New</u>
5.4	Straightening Length:	889.48999		7.2	Bank Erosion:	None
	Straightening Data:					1692.040039
						1
				Bank Height:	N.D.	4.348

Reach: R16T2.01				<u>Step</u>	<u>Description</u>	<u>Value</u>
<u>Step</u>	<u>Description</u>	<u>Value</u>		5.5	Dredging History:	None
3.1	Alluvial Fan:	None		6.1	Berms & Roads Data:	
3.2	Grade Control:	None			<u>One Side</u>	<u>Both Sides</u>
4.3	Buffer Less Than 25 ft	<u>Left</u>	<u>Right</u>	Berms & Roads:	0.0000	0.0000
		0	0	Berm:	0.0000	0.0000
5.1	Flow Regulation - Type:	None		Path:	0.000	0.000
	Use:			Road:	0.0000	0.00000
5.2	# of Bridges or Culverts:	0		Railroad:	0.0000	0.00
	Total Length:	0.000		6.2	Corridor Development Data:	
5.3	Armoring Length	<u>Left</u>	<u>Right</u>	Length:	168.2000	0.0000
		0.00000	0.00000	6.4	Miander Migration:	Multiple
	Data Armoring:	None			<u>Old</u>	<u>New</u>
5.4	Straightening Length:	0.00000		7.2	Bank Erosion:	None
	Straightening Data:	None				523.7500000
				Bank Height:	N.D.	7.263



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Reach: R16T2.02				<u>Step</u>	<u>Description</u>	<u>Value</u>
<u>Step</u>	<u>Description</u>	<u>Value</u>		5.5	Dredging History:	None
3.1	Alluvial Fan:	None		6.1	Berms & Roads Data:	
3.2	Grade Control:	Dam			<u>One Side</u>	<u>Both Sides</u>
4.3	Buffer Less Than 25 ft	<u>Left</u>	<u>Right</u>	Berms & Roads:	0.0000	0.0000
		0	54	Berm:	0.0000	0.0000
5.1	Flow Regulation - Type:	Large Run of River		Path:	0.000	0.000
	Use:	Recreation		Road:	0.0000	0.00000
5.2	# of Bridges or Culverts:	0		Railroad:	0.0000	0.00
	Total Length:	0.000		6.2	Corridor Development Data:	
5.3	Armoring Length	<u>Left</u>	<u>Right</u>	Length:	719.0800	0.0000
		0.00000	0.00000	6.4	Miander Migration:	Multiple
	Data Armoring:	None			<u>Old</u>	<u>New</u>
5.4	Straightening Length:	0.00000		7.2	Bank Erosion:	None
	Straightening Data:	None			Bank Height:	343.1000061
						3.441

Reach: R16T2.04				<u>Step</u>	<u>Description</u>	<u>Value</u>
<u>Step</u>	<u>Description</u>	<u>Value</u>		5.5	Dredging History:	None
3.1	Alluvial Fan:	None		6.1	Berms & Roads Data:	
3.2	Grade Control:	None			<u>One Side</u>	<u>Both Sides</u>
4.3	Buffer Less Than 25 ft	<u>Left</u>	<u>Right</u>	Berms & Roads:	143.4200	0.0000
		0	0	Berm:	0.0000	0.0000
5.1	Flow Regulation - Type:	None		Path:	0.000	0.000
	Use:			Road:	143.4200	0.00000
5.2	# of Bridges or Culverts:	2		Railroad:	0.0000	0.00
	Total Length:	101.000		6.2	Corridor Development Data:	
5.3	Armoring Length	<u>Left</u>	<u>Right</u>	Length:	0.0000	0.0000
		39.7400	41.4400	6.4	Miander Migration:	Multiple
		0	0		<u>Old</u>	<u>New</u>
	Data Armoring:			7.2	Bank Erosion:	None
5.4	Straightening Length:	0.00000			Bank Height:	953.7899780
	Straightening Data:	None				1.937



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Reach: R16T2.05				<u>Step</u>	<u>Description</u>	<u>Value</u>
<u>Step</u>	<u>Description</u>	<u>Value</u>		5.5	Dredging History:	None
3.1	Alluvial Fan:	None		6.1	Berms & Roads Data:	
3.2	Grade Control:	None			<u>One Side</u>	<u>Both Sides</u>
4.3	Buffer Less Than 25 ft	<u>Left</u>	<u>Right</u>	Berms & Roads:	0.0000	0.0000
		2298	1207	Berm:	0.0000	0.0000
5.1	Flow Regulation - Type:	None		Path:	0.000	0.000
	Use:			Road:	0.0000	0.00000
5.2	# of Bridges or Culverts:	2		Railroad:	0.0000	0.00
	Total Length:	61.000		6.2	Corridor Development Data:	
5.3	Armoring Length	<u>Left</u>	<u>Right</u>	Length:	220.1700	0.0000
		105.460	102.720	6.4	Miander Migration:	Multiple
		00	00		<u>Old</u>	<u>New</u>
	Data Armoring:			7.2	Bank Erosion:	None
5.4	Straightening Length:	1816.92004				5491.290039
						1
	Straightening Data:			Bank Height:	N.D.	2.983

Reach: R16T2.06				<u>Step</u>	<u>Description</u>	<u>Value</u>
<u>Step</u>	<u>Description</u>	<u>Value</u>		5.5	Dredging History:	Dredging
3.1	Alluvial Fan:	None		6.1	Berms & Roads Data:	
3.2	Grade Control:	Multiple			<u>One Side</u>	<u>Both Sides</u>
4.3	Buffer Less Than 25 ft	<u>Left</u>	<u>Right</u>	Berms & Roads:	153.4500	0.0000
		1649	1440	Berm:	0.0000	0.0000
5.1	Flow Regulation - Type:	None		Path:	0.000	0.000
	Use:			Road:	153.4500	0.00000
5.2	# of Bridges or Culverts:	5		Railroad:	0.0000	0.00
	Total Length:	150.000		6.2	Corridor Development Data:	
5.3	Armoring Length	<u>Left</u>	<u>Right</u>	Length:	476.7200	0.0000
		754.440	434.480	6.4	Miander Migration:	Flood Chute
		00	01		<u>Old</u>	<u>New</u>
	Data Armoring:			7.2	Bank Erosion:	None
5.4	Straightening Length:	3218.38989				6473.919921
						9
	Straightening Data:			Bank Height:	N.D.	3.444



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Reach: R16T2.07				<u>Step</u>	<u>Description</u>	<u>Value</u>	
<u>Step</u>	<u>Description</u>	<u>Value</u>		5.5	Dredging History:	None	
3.1	Alluvial Fan:	None		6.1	Berms & Roads Data:		
3.2	Grade Control:	None			<u>One Side</u>	<u>Both Sides</u>	
4.3	Buffer Less Than 25 ft	<u>Left</u>	<u>Right</u>	Berms & Roads:	0.0000	0.0000	
		0	0	Berm:	0.0000	0.0000	
5.1	Flow Regulation - Type:	None		Path:	0.000	0.000	
	Use:			Road:	0.0000	0.00000	
5.2	# of Bridges or Culverts:	0		Railroad:	0.0000	0.00	
	Total Length:	0.000		6.2	Corridor Development Data:		
5.3	Armoring Length	<u>Left</u>	<u>Right</u>	Length:	98.1700	0.0000	
		0.00000	0.00000	6.4	Miander Migration:		
	Data Armoring:	None			<u>Old</u>	<u>New</u>	
5.4	Straightening Length:	0.00000		7.2	Bank Erosion:	None	0.0000000
	Straightening Data:	None			Bank Height:	N.D.	0.000

Reach: R16T2.08				<u>Step</u>	<u>Description</u>	<u>Value</u>	
<u>Step</u>	<u>Description</u>	<u>Value</u>		5.5	Dredging History:	None	
3.1	Alluvial Fan:	None		6.1	Berms & Roads Data:		
3.2	Grade Control:	None			<u>One Side</u>	<u>Both Sides</u>	
4.3	Buffer Less Than 25 ft	<u>Left</u>	<u>Right</u>	Berms & Roads:	0.0000	0.0000	
		47	128	Berm:	0.0000	0.0000	
5.1	Flow Regulation - Type:	None		Path:	0.000	0.000	
	Use:			Road:	0.0000	0.00000	
5.2	# of Bridges or Culverts:	1		Railroad:	0.0000	0.00	
	Total Length:	150.000		6.2	Corridor Development Data:		
5.3	Armoring Length	<u>Left</u>	<u>Right</u>	Length:	0.0000	0.0000	
		0.00000	0.00000	6.4	Miander Migration:		
	Data Armoring:	None			<u>Old</u>	<u>New</u>	
5.4	Straightening Length:	0.00000		7.2	Bank Erosion:	None	26.4300003
	Straightening Data:	None			Bank Height:	N.D.	2.000



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Reach: R16T2.09				<u>Step</u>	<u>Description</u>	<u>Value</u>
<u>Step</u>	<u>Description</u>	<u>Value</u>		5.5	Dredging History:	None
3.1	Alluvial Fan:	None		6.1	Berms & Roads Data:	None
3.2	Grade Control:	None			<u>One Side</u>	<u>Both Sides</u>
4.3	Buffer Less Than 25 ft	<u>Left</u>	<u>Right</u>		Berms & Roads:	
					Berm:	
5.1	Flow Regulation - Type:				Path:	
	Use:				Road:	
5.2	# of Bridges or Culverts:				Railroad:	
	Total Length:			6.2	Corridor Development Data:	None
5.3	Armoring Length	<u>Left</u>	<u>Right</u>		Length:	
	Data Armoring:	None		6.4	Miander Migration:	
5.4	Straightening Length:				<u>Old</u>	<u>New</u>
	Straightening Data:	None		7.2	Bank Erosion:	
					Bank Height:	

Reach: R16T2.03S1.01				<u>Step</u>	<u>Description</u>	<u>Value</u>
<u>Step</u>	<u>Description</u>	<u>Value</u>		5.5	Dredging History:	None
3.1	Alluvial Fan:	None		6.1	Berms & Roads Data:	
3.2	Grade Control:	None			<u>One Side</u>	<u>Both Sides</u>
4.3	Buffer Less Than 25 ft	<u>Left</u>	<u>Right</u>		Berms & Roads:	308.7600
		522	1140		Berm:	0.0000
5.1	Flow Regulation - Type:	None			Path:	0.000
	Use:				Road:	308.7600
5.2	# of Bridges or Culverts:	3			Railroad:	0.0000
	Total Length:	130.000		6.2	Corridor Development Data:	
5.3	Armoring Length	<u>Left</u>	<u>Right</u>		Length:	87.9000
		39.6600	84.1100	6.4	Miander Migration:	Multiple
		0	0		<u>Old</u>	<u>New</u>
	Data Armoring:			7.2	Bank Erosion:	None
5.4	Straightening Length:	466.28000				2935.580078
	Straightening Data:				Bank Height:	1
						2.972



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Reach: R16T2.03S1.02				<u>Step</u>	<u>Description</u>	<u>Value</u>
<u>Step</u>	<u>Description</u>	<u>Value</u>		5.5	Dredging History:	None
3.1	Alluvial Fan:	None		6.1	Berms & Roads Data:	
3.2	Grade Control:	Dam			<u>One Side</u>	<u>Both Sides</u>
4.3	Buffer Less Than 25 ft	<u>Left</u>	<u>Right</u>	Berms & Roads:	144.9100	0.0000
		2032	2046	Berm:	0.0000	0.0000
5.1	Flow Regulation - Type:	Small Run of River		Path:	0.000	0.000
	Use:	Recreation		Road:	144.9100	0.00000
5.2	# of Bridges or Culverts:	2		Railroad:	0.0000	0.00
	Total Length:	250.000		6.2	Corridor Development Data:	
5.3	Armoring Length	<u>Left</u>	<u>Right</u>	Length:	304.2200	0.0000
		394.840	254.030	6.4	Miander Migration:	Multiple
		00	00		<u>Old</u>	<u>New</u>
	Data Armoring:			7.2	Bank Erosion:	None 5531.720214
5.4	Straightening Length:	1977.67004				8
	Straightening Data:			Bank Height:	N.D.	3.354

Reach: R16T2.03S1.06				<u>Step</u>	<u>Description</u>	<u>Value</u>
<u>Step</u>	<u>Description</u>	<u>Value</u>		5.5	Dredging History:	None
3.1	Alluvial Fan:	None		6.1	Berms & Roads Data:	
3.2	Grade Control:	None			<u>One Side</u>	<u>Both Sides</u>
4.3	Buffer Less Than 25 ft	<u>Left</u>	<u>Right</u>	Berms & Roads:	863.6000	0.0000
		2594	1662	Berm:	0.0000	0.0000
5.1	Flow Regulation - Type:	None		Path:	168.530	0.000
	Use:			Road:	695.0700	0.00000
5.2	# of Bridges or Culverts:	1		Railroad:	0.0000	0.00
	Total Length:	100.000		6.2	Corridor Development Data:	
5.3	Armoring Length	<u>Left</u>	<u>Right</u>	Length:	206.1700	0.0000
		0.00000	0.00000	6.4	Miander Migration:	Multiple
	Data Armoring:	None			<u>Old</u>	<u>New</u>
5.4	Straightening Length:	0.00000		7.2	Bank Erosion:	None 39.8199997
	Straightening Data:	None		Bank Height:	N.D.	2.000



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Reach: **R16T2.03S1.07**

<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> 66 252
5.1	Flow Regulation - Type:	None
	Use:	
5.2	# of Bridges or Culverts:	1
	Total Length:	350.000
5.3	Armoring Length	<u>Left</u> <u>Right</u> 119.800 271.170 00 01
	Data Armoring:	
5.4	Straightening Length:	325.14999
	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:	953.9300 0.0000
	Berm:	0.0000 0.0000
	Path:	0.000 0.000
	Road:	953.9300 0.00000
	Railroad:	0.0000 0.00
6.2	Corridor Development Data:	
	Length:	181.3900 274.5600
6.4	Miander Migration:	
		<u>Old</u> <u>New</u>
7.2	Bank Erosion:	None 34.4000015
	Bank Height:	N.D. 2.000

Reach: **R16T2.03S1.09**

<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> 556 565
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> 0.00000 0.00000
	Data Armoring:	None
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:	0.0000 0.0000
	Berm:	0.0000 0.0000
	Path:	0.000 0.000
	Road:	0.0000 0.00000
	Railroad:	0.0000 0.00
6.2	Corridor Development Data:	
	Length:	0.0000 0.0000
6.4	Miander Migration:	
		<u>Old</u> <u>New</u>
7.2	Bank Erosion:	None 0.0000000
	Bank Height:	N.D. 0.000



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Reach: R16T2.03S1.10				<u>Step</u>	<u>Description</u>	<u>Value</u>
<u>Step</u>	<u>Description</u>	<u>Value</u>		5.5	Dredging History:	None
3.1	Alluvial Fan:	None		6.1	Berms & Roads Data:	
3.2	Grade Control:	Dam			<u>One Side</u>	<u>Both Sides</u>
4.3	Buffer Less Than 25 ft	<u>Left</u>	<u>Right</u>	Berms & Roads:	603.5200	0.0000
		49	307	Berm:	0.0000	0.0000
5.1	Flow Regulation - Type:	Small Run of River		Path:	0.000	0.000
	Use:	Recreation		Road:	603.5200	0.00000
5.2	# of Bridges or Culverts:	1		Railroad:	0.0000	0.00
	Total Length:	180.000		6.2	Corridor Development Data:	
5.3	Armoring Length	<u>Left</u>	<u>Right</u>	Length:	97.9800	0.0000
		0.00000	0.00000	6.4	Miander Migration:	
	Data Armoring:	None			<u>Old</u>	<u>New</u>
5.4	Straightening Length:	0.00000		7.2	Bank Erosion:	None 0.0000000
	Straightening Data:	None		Bank Height:	N.D.	0.000

Reach: R16T2.03S1.12				<u>Step</u>	<u>Description</u>	<u>Value</u>
<u>Step</u>	<u>Description</u>	<u>Value</u>		5.5	Dredging History:	None
3.1	Alluvial Fan:	None		6.1	Berms & Roads Data:	None
3.2	Grade Control:	None			<u>One Side</u>	<u>Both Sides</u>
4.3	Buffer Less Than 25 ft	<u>Left</u>	<u>Right</u>	Berms & Roads:		
				Berm:		
5.1	Flow Regulation - Type:			Path:		
	Use:			Road:		
5.2	# of Bridges or Culverts:			Railroad:		
	Total Length:			6.2	Corridor Development Data:	None
5.3	Armoring Length	<u>Left</u>	<u>Right</u>	Length:		
				6.4	Miander Migration:	
	Data Armoring:	None			<u>Old</u>	<u>New</u>
5.4	Straightening Length:			7.2	Bank Erosion:	
	Straightening Data:	None		Bank Height:		



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Reach: R16T2.03S1.13				<u>Step</u>	<u>Description</u>	<u>Value</u>
<u>Step</u>	<u>Description</u>	<u>Value</u>		5.5	Dredging History:	None
3.1	Alluvial Fan:	None		6.1	Berms & Roads Data:	None
3.2	Grade Control:	None			<u>One Side</u>	<u>Both Sides</u>
4.3	Buffer Less Than 25 ft	<u>Left</u>	<u>Right</u>		Berms & Roads:	
					Berm:	
5.1	Flow Regulation - Type:				Path:	
	Use:				Road:	
5.2	# of Bridges or Culverts:				Railroad:	
	Total Length:			6.2	Corridor Development Data:	None
5.3	Armoring Length	<u>Left</u>	<u>Right</u>		Length:	
	Data Armoring:	None		6.4	Miander Migration:	
5.4	Straightening Length:				<u>Old</u>	<u>New</u>
	Straightening Data:	None		7.2	Bank Erosion:	
					Bank Height:	

Reach: R16T2.03S1.14				<u>Step</u>	<u>Description</u>	<u>Value</u>
<u>Step</u>	<u>Description</u>	<u>Value</u>		5.5	Dredging History:	None
3.1	Alluvial Fan:	None		6.1	Berms & Roads Data:	None
3.2	Grade Control:	None			<u>One Side</u>	<u>Both Sides</u>
4.3	Buffer Less Than 25 ft	<u>Left</u>	<u>Right</u>		Berms & Roads:	
					Berm:	
5.1	Flow Regulation - Type:				Path:	
	Use:				Road:	
5.2	# of Bridges or Culverts:				Railroad:	
	Total Length:			6.2	Corridor Development Data:	None
5.3	Armoring Length	<u>Left</u>	<u>Right</u>		Length:	
	Data Armoring:	None		6.4	Miander Migration:	
5.4	Straightening Length:				<u>Old</u>	<u>New</u>
	Straightening Data:	None		7.2	Bank Erosion:	
					Bank Height:	



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Reach: R16T2.03S1.15				<u>Step</u>	<u>Description</u>	<u>Value</u>
<u>Step</u>	<u>Description</u>	<u>Value</u>		5.5	Dredging History:	None
3.1	Alluvial Fan:	None		6.1	Berms & Roads Data:	None
3.2	Grade Control:	None			<u>One Side</u>	<u>Both Sides</u>
4.3	Buffer Less Than 25 ft	<u>Left</u>	<u>Right</u>		Berms & Roads:	
					Berm:	
5.1	Flow Regulation - Type:				Path:	
	Use:				Road:	
5.2	# of Bridges or Culverts:				Railroad:	
	Total Length:			6.2	Corridor Development Data:	None
5.3	Armoring Length	<u>Left</u>	<u>Right</u>		Length:	
	Data Armoring:	None		6.4	Miander Migration:	
5.4	Straightening Length:				<u>Old</u>	<u>New</u>
	Straightening Data:	None		7.2	Bank Erosion:	
					Bank Height:	

Reach: R17				<u>Step</u>	<u>Description</u>	<u>Value</u>
<u>Step</u>	<u>Description</u>	<u>Value</u>		5.5	Dredging History:	None
3.1	Alluvial Fan:	None		6.1	Berms & Roads Data:	
3.2	Grade Control:	None			<u>One Side</u>	<u>Both Sides</u>
4.3	Buffer Less Than 25 ft	<u>Left</u>	<u>Right</u>		Berms & Roads:	0.0000
		1291	1928		Berm:	0.0000
5.1	Flow Regulation - Type:	None			Path:	0.000
	Use:				Road:	0.00000
5.2	# of Bridges or Culverts:	1			Railroad:	0.0000
	Total Length:	150.000		6.2	Corridor Development Data:	
5.3	Armoring Length	<u>Left</u>	<u>Right</u>		Length:	886.7400
	Data Armoring:	45.7700	290.149	6.4	Miander Migration:	Multiple
5.4	Straightening Length:	575.14001	99		<u>Old</u>	<u>New</u>
	Straightening Data:			7.2	Bank Erosion:	None
					Bank Height:	6714.959960
						9
						5.513



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Reach: R18				<u>Step</u>	<u>Description</u>	<u>Value</u>
<u>Step</u>	<u>Description</u>	<u>Value</u>		5.5	Dredging History:	Gravel Mining
3.1	Alluvial Fan:	None		6.1	Berms & Roads Data:	
3.2	Grade Control:	None			<u>One Side</u>	<u>Both Sides</u>
4.3	Buffer Less Than 25 ft	<u>Left</u>	<u>Right</u>	Berms & Roads:	0.0000	0.0000
		154	978	Berm:	0.0000	0.0000
5.1	Flow Regulation - Type:	None		Path:	0.000	0.000
	Use:			Road:	0.0000	0.00000
5.2	# of Bridges or Culverts:	1		Railroad:	0.0000	0.00
	Total Length:	150.000		6.2	Corridor Development Data:	
5.3	Armoring Length	<u>Left</u>	<u>Right</u>	Length:	167.0500	0.0000
		283.160	395.919	6.4	Miander Migration:	Flood Chute
		00	98		<u>Old</u>	<u>New</u>
	Data Armoring:			7.2	Bank Erosion:	None
5.4	Straightening Length:	3658.55005				4483.549804
	Straightening Data:					7
				Bank Height:	N.D.	5.267

Reach: R19				<u>Step</u>	<u>Description</u>	<u>Value</u>
<u>Step</u>	<u>Description</u>	<u>Value</u>		5.5	Dredging History:	None
3.1	Alluvial Fan:	None		6.1	Berms & Roads Data:	
3.2	Grade Control:	Multiple			<u>One Side</u>	<u>Both Sides</u>
4.3	Buffer Less Than 25 ft	<u>Left</u>	<u>Right</u>	Berms & Roads:	0.0000	0.0000
		2671	2459	Berm:	0.0000	0.0000
5.1	Flow Regulation - Type:	Small Run of River		Path:	0.000	0.000
	Use:	Other		Road:	0.0000	0.00000
5.2	# of Bridges or Culverts:	2		Railroad:	0.0000	0.00
	Total Length:	400.000		6.2	Corridor Development Data:	
5.3	Armoring Length	<u>Left</u>	<u>Right</u>	Length:	1093.1400	576.0600
		1353.75	826.489	6.4	Miander Migration:	Multiple
		000	99		<u>Old</u>	<u>New</u>
	Data Armoring:			7.2	Bank Erosion:	None
5.4	Straightening Length:	4856.02002				4887.549804
	Straightening Data:					7
				Bank Height:	N.D.	4.347



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Reach: R20				<u>Step</u>	<u>Description</u>	<u>Value</u>
<u>Step</u>	<u>Description</u>	<u>Value</u>		5.5	Dredging History:	None
3.1	Alluvial Fan:	None		6.1	Berms & Roads Data:	
3.2	Grade Control:	Ledge			<u>One Side</u>	<u>Both Sides</u>
4.3	Buffer Less Than 25 ft	<u>Left</u>	<u>Right</u>	Berms & Roads:	1986.2600	0.0000
		823	2729	Berm:	0.0000	0.0000
5.1	Flow Regulation - Type:	None		Path:	0.000	0.000
	Use:			Road:	1986.2600	0.00000
5.2	# of Bridges or Culverts:	3		Railroad:	0.0000	0.00
	Total Length:	250.000		6.2	Corridor Development Data:	
5.3	Armoring Length	<u>Left</u>	<u>Right</u>	Length:	2168.5601	0.0000
		600.870	870.470	6.4	Miander Migration:	None
		00	03		<u>Old</u>	<u>New</u>
	Data Armoring:			7.2	Bank Erosion:	None
5.4	Straightening Length:	3516.51001				2172.689941
						4
	Straightening Data:			Bank Height:	N.D.	3.183

Reach: R21				<u>Step</u>	<u>Description</u>	<u>Value</u>
<u>Step</u>	<u>Description</u>	<u>Value</u>		5.5	Dredging History:	None
3.1	Alluvial Fan:	None		6.1	Berms & Roads Data:	
3.2	Grade Control:	None			<u>One Side</u>	<u>Both Sides</u>
4.3	Buffer Less Than 25 ft	<u>Left</u>	<u>Right</u>	Berms & Roads:	1448.7200	279.6800
		3828	2356	Berm:	0.0000	0.0000
5.1	Flow Regulation - Type:	None		Path:	0.000	0.000
	Use:			Road:	1448.7200	279.67999
5.2	# of Bridges or Culverts:	1		Railroad:	0.0000	0.00
	Total Length:	100.000		6.2	Corridor Development Data:	
5.3	Armoring Length	<u>Left</u>	<u>Right</u>	Length:	907.1000	0.0000
		406.200	733.250	6.4	Miander Migration:	Multiple
		01	00		<u>Old</u>	<u>New</u>
	Data Armoring:			7.2	Bank Erosion:	None
5.4	Straightening Length:	3400.66992				3203.310058
						6
	Straightening Data:			Bank Height:	N.D.	3.990



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Reach: R22				<u>Step</u>	<u>Description</u>	<u>Value</u>
<u>Step</u>	<u>Description</u>	<u>Value</u>		5.5	Dredging History:	None
3.1	Alluvial Fan:	None		6.1	Berms & Roads Data:	
3.2	Grade Control:	Ledge				<u>One Side</u> <u>Both Sides</u>
4.3	Buffer Less Than 25 ft	<u>Left</u>	<u>Right</u>	Berms & Roads:	1478.1300	421.2400
		2117	2627	Berm:	0.0000	0.0000
5.1	Flow Regulation - Type:	None		Path:	0.000	0.000
	Use:			Road:	1478.1300	421.23999
5.2	# of Bridges or Culverts:	1		Railroad:	0.0000	0.00
	Total Length:	750.000		6.2	Corridor Development Data:	
5.3	Armoring Length	<u>Left</u>	<u>Right</u>	Length:	1194.5801	0.0000
		119.500	412.389	6.4	Miander Migration:	Avulsion
		00	98			<u>Old</u> <u>New</u>
	Data Armoring:			7.2	Bank Erosion:	None 354.3000183
5.4	Straightening Length:	3439.09009		Bank Height:	N.D.	3.440
	Straightening Data:					

Reach: R23				<u>Step</u>	<u>Description</u>	<u>Value</u>
<u>Step</u>	<u>Description</u>	<u>Value</u>		5.5	Dredging History:	None
3.1	Alluvial Fan:	None		6.1	Berms & Roads Data:	
3.2	Grade Control:	Ledge				<u>One Side</u> <u>Both Sides</u>
4.3	Buffer Less Than 25 ft	<u>Left</u>	<u>Right</u>	Berms & Roads:	3229.4700	0.0000
		288	3273	Berm:	0.0000	0.0000
5.1	Flow Regulation - Type:	None		Path:	0.000	0.000
	Use:			Road:	3229.4700	0.00000
5.2	# of Bridges or Culverts:	1		Railroad:	0.0000	0.00
	Total Length:	50.000		6.2	Corridor Development Data:	
5.3	Armoring Length	<u>Left</u>	<u>Right</u>	Length:	177.1100	0.0000
		0.00000	1423.55005	6.4	Miander Migration:	
	Data Armoring:					<u>Old</u> <u>New</u>
5.4	Straightening Length:	3282.35986		7.2	Bank Erosion:	None 769.8400269
	Straightening Data:				Bank Height:	N.D. 2.208



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Reach: R24				<u>Step</u>	<u>Description</u>	<u>Value</u>
<u>Step</u>	<u>Description</u>	<u>Value</u>		5.5	Dredging History: None	
3.1	Alluvial Fan:	None		6.1	Berms & Roads Data:	
3.2	Grade Control:	Ledge			<u>One Side</u>	<u>Both Sides</u>
4.3	Buffer Less Than 25 ft	<u>Left</u>	<u>Right</u>	Berms & Roads:	2801.6499	0.0000
		184	1046	Berm:	0.0000	0.0000
5.1	Flow Regulation - Type:	None		Path:	0.000	0.000
	Use:			Road:	2801.6499	0.00000
5.2	# of Bridges or Culverts:	1		Railroad:	0.0000	0.00
	Total Length:	350.000		6.2	Corridor Development Data:	
5.3	Armoring Length	<u>Left</u>	<u>Right</u>	Length:	94.7400	0.0000
		90.5600	40.8000	6.4	Miander Migration:	
		0	0		<u>Old</u>	<u>New</u>
	Data Armoring:			7.2	Bank Erosion:	None 260.1499939
5.4	Straightening Length:	947.91998		Bank Height:	N.D.	2.654
	Straightening Data:					

Reach: R25				<u>Step</u> <u>Description</u> <u>Value</u>		
<u>Step</u>	<u>Description</u>	<u>Value</u>		5.5	Dredging History: None	
3.1	Alluvial Fan:	None		6.1	Berms & Roads Data:	
3.2	Grade Control:	Ledge			<u>One Side</u>	<u>Both Sides</u>
4.3	Buffer Less Than 25 ft	<u>Left</u>	<u>Right</u>	Berms & Roads:	3304.7800	0.0000
		1751	1949	Berm:	0.0000	0.0000
5.1	Flow Regulation - Type:	None		Path:	0.000	0.000
	Use:			Road:	3304.7800	0.00000
5.2	# of Bridges or Culverts:	2		Railroad:	0.0000	0.00
	Total Length:	750.000		6.2	Corridor Development Data:	
5.3	Armoring Length	<u>Left</u>	<u>Right</u>	Length:	1580.6400	727.2000
		303.760	449.179	6.4	Miander Migration:	
		01	99		<u>Old</u>	<u>New</u>
	Data Armoring:			7.2	Bank Erosion:	None 187.4199982
5.4	Straightening Length:	1738.78992		Bank Height:	N.D.	2.251
	Straightening Data:					



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Reach: R26				<u>Step</u>	<u>Description</u>	<u>Value</u>	
<u>Step</u>	<u>Description</u>	<u>Value</u>		5.5	Dredging History:	None	
3.1	Alluvial Fan:	None		6.1	Berms & Roads Data:		
3.2	Grade Control:	None				<u>One Side</u>	<u>Both Sides</u>
4.3	Buffer Less Than 25 ft	<u>Left</u>	<u>Right</u>	Berms & Roads:	5198.6602	0.0000	
		3177	3217	Berm:	0.0000	0.0000	
5.1	Flow Regulation - Type:	None		Path:	0.000	0.000	
	Use:			Road:	5198.6602	0.00000	
5.2	# of Bridges or Culverts:	3		Railroad:	0.0000	0.00	
	Total Length:	580.000		6.2	Corridor Development Data:		
5.3	Armoring Length	<u>Left</u>	<u>Right</u>	Length:	3223.4700	1517.0699	
		777.679	1662.93	6.4	Miander Migration:		
		99	005			<u>Old</u>	<u>New</u>
	Data Armoring:			7.2	Bank Erosion:	None	0.0000000
5.4	Straightening Length:	4727.95020		Bank Height:	N.D.	0.000	
	Straightening Data:						

Reach: R27				<u>Step</u>	<u>Description</u>	<u>Value</u>	
<u>Step</u>	<u>Description</u>	<u>Value</u>		5.5	Dredging History:	None	
3.1	Alluvial Fan:	None		6.1	Berms & Roads Data:		
3.2	Grade Control:	None				<u>One Side</u>	<u>Both Sides</u>
4.3	Buffer Less Than 25 ft	<u>Left</u>	<u>Right</u>	Berms & Roads:	946.0500	0.0000	
		1374	93	Berm:	0.0000	0.0000	
5.1	Flow Regulation - Type:	None		Path:	0.000	0.000	
	Use:			Road:	946.0500	0.00000	
5.2	# of Bridges or Culverts:	1		Railroad:	0.0000	0.00	
	Total Length:	100.000		6.2	Corridor Development Data:		
5.3	Armoring Length	<u>Left</u>	<u>Right</u>	Length:	202.3300	248.7700	
		525.120	0.00000	6.4	Miander Migration:		
		00				<u>Old</u>	<u>New</u>
	Data Armoring:			7.2	Bank Erosion:	None	55.0800018
5.4	Straightening Length:	616.22998		Bank Height:	N.D.	2.000	
	Straightening Data:						



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Reach: R28				<u>Step</u>	<u>Description</u>	<u>Value</u>	
	<u>Step</u>	<u>Description</u>	<u>Value</u>	5.5	Dredging History:	None	
3.1	Alluvial Fan:	Yes		6.1	Berms & Roads Data:		
3.2	Grade Control:	None			<u>One Side</u>	<u>Both Sides</u>	
4.3	Buffer Less Than 25 ft	<u>Left</u>	<u>Right</u>	Berms & Roads:	0.0000	0.0000	
		148	65	Berm:	0.0000	0.0000	
5.1	Flow Regulation - Type:	None		Path:	0.000	0.000	
	Use:			Road:	0.0000	0.00000	
5.2	# of Bridges or Culverts:	1		Railroad:	0.0000	0.00	
	Total Length:	100.000		6.2	Corridor Development Data:		
5.3	Armoring Length	<u>Left</u>	<u>Right</u>	Length:	208.7000	0.0000	
		0.00000	0.00000	6.4	Miander Migration:	Multiple	
	Data Armoring:	None			<u>Old</u>	<u>New</u>	
5.4	Straightening Length:	0.00000		7.2	Bank Erosion:	None	71.0299988
	Straightening Data:	None			Bank Height:	N.D.	3.000

Reach: R29				<u>Step</u>	<u>Description</u>	<u>Value</u>	
	<u>Step</u>	<u>Description</u>	<u>Value</u>	5.5	Dredging History:	None	
3.1	Alluvial Fan:	None		6.1	Berms & Roads Data:		
3.2	Grade Control:	None			<u>One Side</u>	<u>Both Sides</u>	
4.3	Buffer Less Than 25 ft	<u>Left</u>	<u>Right</u>	Berms & Roads:	0.0000	0.0000	
		1480	219	Berm:	0.0000	0.0000	
5.1	Flow Regulation - Type:	None		Path:	0.000	0.000	
	Use:			Road:	0.0000	0.00000	
5.2	# of Bridges or Culverts:	1		Railroad:	0.0000	0.00	
	Total Length:	100.000		6.2	Corridor Development Data:		
5.3	Armoring Length	<u>Left</u>	<u>Right</u>	Length:	0.0000	0.0000	
		0.00000	0.00000	6.4	Miander Migration:		
	Data Armoring:	None			<u>Old</u>	<u>New</u>	
5.4	Straightening Length:	0.00000		7.2	Bank Erosion:	None	0.0000000
	Straightening Data:	None			Bank Height:	N.D.	0.000



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Reach: R31				<u>Step</u>	<u>Description</u>	<u>Value</u>	
	<u>Step</u>	<u>Description</u>	<u>Value</u>	5.5	Dredging History:	None	
3.1	Alluvial Fan:	None		6.1	Berms & Roads Data:		
3.2	Grade Control:	None			<u>One Side</u>	<u>Both Sides</u>	
4.3	Buffer Less Than 25 ft	<u>Left</u>	<u>Right</u>	Berms & Roads:	0.0000	0.0000	
		522	0	Berm:	0.0000	0.0000	
5.1	Flow Regulation - Type:	None		Path:	0.000	0.000	
	Use:			Road:	0.0000	0.00000	
5.2	# of Bridges or Culverts:	0		Railroad:	0.0000	0.00	
	Total Length:	0.000		6.2	Corridor Development Data:		
5.3	Armoring Length	<u>Left</u>	<u>Right</u>	Length:	0.0000	0.0000	
		0.00000	0.00000	6.4	Miander Migration:		
	Data Armoring:	None			<u>Old</u>	<u>New</u>	
5.4	Straightening Length:	0.00000		7.2	Bank Erosion:	None	0.0000000
	Straightening Data:	None			Bank Height:	N.D.	0.000

Reach: R33				<u>Step</u>	<u>Description</u>	<u>Value</u>	
	<u>Step</u>	<u>Description</u>	<u>Value</u>	5.5	Dredging History:	None	
3.1	Alluvial Fan:	None		6.1	Berms & Roads Data:		
3.2	Grade Control:	Dam			<u>One Side</u>	<u>Both Sides</u>	
4.3	Buffer Less Than 25 ft	<u>Left</u>	<u>Right</u>	Berms & Roads:	0.0000	0.0000	
		54	65	Berm:	0.0000	0.0000	
5.1	Flow Regulation - Type:	None		Path:	0.000	0.000	
	Use:			Road:	0.0000	0.00000	
5.2	# of Bridges or Culverts:	1		Railroad:	0.0000	0.00	
	Total Length:	100.000		6.2	Corridor Development Data:		
5.3	Armoring Length	<u>Left</u>	<u>Right</u>	Length:	0.0000	0.0000	
		0.00000	0.00000	6.4	Miander Migration:		
	Data Armoring:	None			<u>Old</u>	<u>New</u>	
5.4	Straightening Length:	0.00000		7.2	Bank Erosion:	None	0.0000000
	Straightening Data:	None			Bank Height:	N.D.	0.000



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Reach: R18T3.01				<u>Step</u>	<u>Description</u>	<u>Value</u>
<u>Step</u>	<u>Description</u>	<u>Value</u>		5.5	Dredging History:	None
3.1	Alluvial Fan:	None		6.1	Berms & Roads Data:	
3.2	Grade Control:	Ledge			<u>One Side</u>	<u>Both Sides</u>
4.3	Buffer Less Than 25 ft	<u>Left</u>	<u>Right</u>	Berms & Roads:	653.5800	0.0000
		378	321	Berm:	129.1900	0.0000
5.1	Flow Regulation - Type:	None		Path:	0.000	0.000
	Use:			Road:	524.3900	0.00000
5.2	# of Bridges or Culverts:	1		Railroad:	0.0000	0.00
	Total Length:	160.000		6.2	Corridor Development Data:	
5.3	Armoring Length	<u>Left</u>	<u>Right</u>	Length:	237.1800	343.0800
		155.600	549.049	6.4	Miander Migration:	Multiple
		01	99		<u>Old</u>	<u>New</u>
	Data Armoring:			7.2	Bank Erosion:	None
5.4	Straightening Length:	1117.26001				1514.250000
	Straightening Data:					0
				Bank Height:	N.D.	5.752

Reach: R18T3.02				<u>Step</u>	<u>Description</u>	<u>Value</u>
<u>Step</u>	<u>Description</u>	<u>Value</u>		5.5	Dredging History:	None
3.1	Alluvial Fan:	None		6.1	Berms & Roads Data:	
3.2	Grade Control:	Ledge			<u>One Side</u>	<u>Both Sides</u>
4.3	Buffer Less Than 25 ft	<u>Left</u>	<u>Right</u>	Berms & Roads:	1275.3101	678.6400
		1487	1718	Berm:	41.3300	0.0000
5.1	Flow Regulation - Type:	None		Path:	0.000	0.000
	Use:			Road:	1233.9800	678.64001
5.2	# of Bridges or Culverts:	2		Railroad:	0.0000	0.00
	Total Length:	680.000		6.2	Corridor Development Data:	
5.3	Armoring Length	<u>Left</u>	<u>Right</u>	Length:	1069.9000	1126.3800
		418.539	196.310	6.4	Miander Migration:	
		98	00		<u>Old</u>	<u>New</u>
	Data Armoring:			7.2	Bank Erosion:	None
5.4	Straightening Length:	2935.83984				241.3500061
	Straightening Data:			Bank Height:	N.D.	2.291



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Reach: R18T3.03				<u>Step</u>	<u>Description</u>	<u>Value</u>	
<u>Step</u>	<u>Description</u>	<u>Value</u>		5.5	Dredging History:	None	
3.1	Alluvial Fan:	None		6.1	Berms & Roads Data:		
3.2	Grade Control:	None			<u>One Side</u>	<u>Both Sides</u>	
4.3	Buffer Less Than 25 ft	<u>Left</u>	<u>Right</u>	Berms & Roads:	2976.2400	0.0000	
		2276	1765	Berm:	0.0000	0.0000	
5.1	Flow Regulation - Type:	None		Path:	0.000	0.000	
	Use:			Road:	0.0000	0.00000	
5.2	# of Bridges or Culverts:	2		Railroad:	0.0000	0.00	
	Total Length:	650.000		6.2	Corridor Development Data:		
5.3	Armoring Length	<u>Left</u>	<u>Right</u>	Length:	758.2600	219.4900	
		85.4700	233.399	6.4	Miander Migration:		
		0	99		<u>Old</u>	<u>New</u>	
	Data Armoring:			7.2	Bank Erosion:	None	125.3700027
5.4	Straightening Length:	2758.97998		Bank Height:	N.D.	5.331	
	Straightening Data:						

Reach: R18T3.04				<u>Step</u>	<u>Description</u>	<u>Value</u>	
<u>Step</u>	<u>Description</u>	<u>Value</u>		5.5	Dredging History:	None	
3.1	Alluvial Fan:	None		6.1	Berms & Roads Data:		
3.2	Grade Control:	Dam			<u>One Side</u>	<u>Both Sides</u>	
4.3	Buffer Less Than 25 ft	<u>Left</u>	<u>Right</u>	Berms & Roads:	159.9600	0.0000	
		58	49	Berm:	0.0000	0.0000	
5.1	Flow Regulation - Type:	None		Path:	0.000	0.000	
	Use:			Road:	0.0000	0.00000	
5.2	# of Bridges or Culverts:	1		Railroad:	0.0000	0.00	
	Total Length:	100.000		6.2	Corridor Development Data:		
5.3	Armoring Length	<u>Left</u>	<u>Right</u>	Length:	0.0000	0.0000	
		0.00000	0.00000	6.4	Miander Migration:		
	Data Armoring:	None			<u>Old</u>	<u>New</u>	
5.4	Straightening Length:	657.21002		7.2	Bank Erosion:	None	0.0000000
	Straightening Data:			Bank Height:	N.D.	0.000	



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Reach: R18T3.05				<u>Step</u>	<u>Description</u>	<u>Value</u>	
<u>Step</u>	<u>Description</u>	<u>Value</u>		5.5	Dredging History:	None	
3.1	Alluvial Fan:	None		6.1	Berms & Roads Data:		
3.2	Grade Control:	None			<u>One Side</u>	<u>Both Sides</u>	
4.3	Buffer Less Than 25 ft	<u>Left</u>	<u>Right</u>	Berms & Roads:	1701.3600	0.0000	
		1517	0	Berm:	0.0000	0.0000	
5.1	Flow Regulation - Type:	None		Path:	0.000	0.000	
	Use:			Road:	0.0000	0.00000	
5.2	# of Bridges or Culverts:	1		Railroad:	0.0000	0.00	
	Total Length:	50.000		6.2	Corridor Development Data:		
5.3	Armoring Length	<u>Left</u>	<u>Right</u>	Length:	0.0000	0.0000	
		0.00000	0.00000	6.4	Miander Migration:		
	Data Armoring:	None			<u>Old</u>	<u>New</u>	
5.4	Straightening Length:	1520.39001		7.2	Bank Erosion:	None	40.5900002
	Straightening Data:				Bank Height:	N.D.	4.000

Reach: R18T3.06				<u>Step</u>	<u>Description</u>	<u>Value</u>	
<u>Step</u>	<u>Description</u>	<u>Value</u>		5.5	Dredging History:	None	
3.1	Alluvial Fan:	None		6.1	Berms & Roads Data:		
3.2	Grade Control:	None			<u>One Side</u>	<u>Both Sides</u>	
4.3	Buffer Less Than 25 ft	<u>Left</u>	<u>Right</u>	Berms & Roads:	6036.2002	0.0000	
		2761	3077	Berm:	0.0000	0.0000	
5.1	Flow Regulation - Type:	None		Path:	0.000	0.000	
	Use:			Road:	0.0000	0.00000	
5.2	# of Bridges or Culverts:	2		Railroad:	0.0000	0.00	
	Total Length:	250.000		6.2	Corridor Development Data:		
5.3	Armoring Length	<u>Left</u>	<u>Right</u>	Length:	857.9400	0.0000	
		356.440	202.090	6.4	Miander Migration:	Migration	
		00	00		<u>Old</u>	<u>New</u>	
	Data Armoring:			7.2	Bank Erosion:	None	191.2399902
5.4	Straightening Length:	1773.18005			Bank Height:	N.D.	4.716
	Straightening Data:						



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Reach: R18T3.07				<u>Step</u>	<u>Description</u>	<u>Value</u>
<u>Step</u>	<u>Description</u>	<u>Value</u>		5.5	Dredging History:	None
3.1	Alluvial Fan:	None		6.1	Berms & Roads Data:	
3.2	Grade Control:	None			<u>One Side</u>	<u>Both Sides</u>
4.3	Buffer Less Than 25 ft	<u>Left</u>	<u>Right</u>	Berms & Roads:	2040.5400	0.0000
		41	1576	Berm:	0.0000	0.0000
5.1	Flow Regulation - Type:	None		Path:	0.000	0.000
	Use:			Road:	0.0000	0.00000
5.2	# of Bridges or Culverts:	2		Railroad:	0.0000	0.00
	Total Length:	200.000		6.2	Corridor Development Data:	
5.3	Armoring Length	<u>Left</u>	<u>Right</u>	Length:	228.5800	180.4800
		0.00000	598.62000	6.4	Miander Migration:	Avulsion
	Data Armoring:				<u>Old</u>	<u>New</u>
5.4	Straightening Length:	1710.57996		7.2	Bank Erosion:	None 311.9800110
	Straightening Data:			Bank Height:	N.D.	4.032

Reach: R18T3.08				<u>Step</u>	<u>Description</u>	<u>Value</u>
<u>Step</u>	<u>Description</u>	<u>Value</u>		5.5	Dredging History:	None
3.1	Alluvial Fan:	None		6.1	Berms & Roads Data:	None
3.2	Grade Control:	None			<u>One Side</u>	<u>Both Sides</u>
4.3	Buffer Less Than 25 ft	<u>Left</u>	<u>Right</u>	Berms & Roads:		
5.1	Flow Regulation - Type:			Berm:		
	Use:			Path:		
5.2	# of Bridges or Culverts:			Road:		
	Total Length:			Railroad:		
5.3	Armoring Length	<u>Left</u>	<u>Right</u>	6.2	Corridor Development Data:	None
				Length:		
	Data Armoring:	None		6.4	Miander Migration:	
5.4	Straightening Length:				<u>Old</u>	<u>New</u>
	Straightening Data:	None		7.2	Bank Erosion:	
				Bank Height:		



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Reach: R12S1.01				<u>Step</u>	<u>Description</u>	<u>Value</u>
<u>Step</u>	<u>Description</u>	<u>Value</u>		5.5	Dredging History:	None
3.1	Alluvial Fan:	Yes		6.1	Berms & Roads Data:	
3.2	Grade Control:	None			<u>One Side</u>	<u>Both Sides</u>
4.3	Buffer Less Than 25 ft	<u>Left</u>	<u>Right</u>	Berms & Roads:	0.0000	0.0000
		0	0	Berm:	0.0000	0.0000
5.1	Flow Regulation - Type:	None		Path:	0.000	0.000
	Use:			Road:	0.0000	0.00000
5.2	# of Bridges or Culverts:	0		Railroad:	0.0000	0.00
	Total Length:	0.000		6.2	Corridor Development Data:	
5.3	Armoring Length	<u>Left</u>	<u>Right</u>	Length:	0.0000	0.0000
		0.00000	0.00000	6.4	Miander Migration:	
	Data Armoring:	None			<u>Old</u>	<u>New</u>
5.4	Straightening Length:	0.00000		7.2	Bank Erosion:	None 0.0000000
	Straightening Data:	None			Bank Height:	N.D. 0.000

Reach: R12S1.02				<u>Step</u>	<u>Description</u>	<u>Value</u>
<u>Step</u>	<u>Description</u>	<u>Value</u>		5.5	Dredging History:	None
3.1	Alluvial Fan:	None		6.1	Berms & Roads Data:	None
3.2	Grade Control:	None			<u>One Side</u>	<u>Both Sides</u>
4.3	Buffer Less Than 25 ft	<u>Left</u>	<u>Right</u>	Berms & Roads:		
				Berm:		
5.1	Flow Regulation - Type:			Path:		
	Use:			Road:		
5.2	# of Bridges or Culverts:			Railroad:		
	Total Length:			6.2	Corridor Development Data:	None
5.3	Armoring Length	<u>Left</u>	<u>Right</u>	Length:		
				6.4	Miander Migration:	
	Data Armoring:	None			<u>Old</u>	<u>New</u>
5.4	Straightening Length:			7.2	Bank Erosion:	
	Straightening Data:	None			Bank Height:	



Stream Geomorphic Assessment

Agency of Natural Resources

VT DEC

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Reach: R12S1.04				<u>Step</u>	<u>Description</u>	<u>Value</u>
<u>Step</u>	<u>Description</u>	<u>Value</u>		5.5	Dredging History:	None
3.1	Alluvial Fan:	None		6.1	Berms & Roads Data:	
3.2	Grade Control:	None			<u>One Side</u>	<u>Both Sides</u>
4.3	Buffer Less Than 25 ft	<u>Left</u>	<u>Right</u>	Berms & Roads:	516.2800	0.0000
		94	712	Berm:	0.0000	0.0000
5.1	Flow Regulation - Type:	None		Path:	0.000	0.000
	Use:			Road:	0.0000	0.00000
5.2	# of Bridges or Culverts:	1		Railroad:	0.0000	0.00
	Total Length:	450.000		6.2	Corridor Development Data:	
5.3	Armoring Length	<u>Left</u>	<u>Right</u>	Length:	690.7600	0.0000
		0.00000	347.70001	6.4	Miander Migration:	Flood Chute
	Data Armoring:				<u>Old</u>	<u>New</u>
5.4	Straightening Length:	0.00000		7.2	Bank Erosion:	None 212.7799988
	Straightening Data:	None		Bank Height:	N.D.	3.000