



Stream Geomorphic Assessment

Agency of Natural Resources

VT DEC

Vermont.gov
May, 20 2024

Phase 1 - FIT - Legacy Data Report

Rock River

SGAT Version: 4.56

Reach: **QM.00**

<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> 1425 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> 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:	1680.3094 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

Reach: **QM.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> 6718 6503
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 5.57891
	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:	397.6095 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 313.4035645
	Bank Height:	N.D. 4.051



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Reach: QM.02				<u>Step</u> <u>Description</u> <u>Value</u>		
<u>Step</u>		<u>Description</u>		<u>Value</u>		
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>
		3749	7236	Berms & Roads:	0.0000	0.0000
				Berm:	0.0000	0.0000
5.1	Flow Regulation - Type:	None		Path:	0.000	0.000
	Use:			Road:	700.4034	0.00000
5.2	# of Bridges or Culverts:	2		Railroad:	0.0000	0.00
	Total Length:	120.000		6.2	Corridor Development Data:	
5.3	Armoring Length	<u>Left</u>	<u>Right</u>	Length:	1493.6326	0.0000
		92.4495	120.410	6.4	Miander Migration:	
		6	09		<u>Old</u>	<u>New</u>
	Data Armoring:			7.2	Bank Erosion:	None 803.7053223
5.4	Straightening Length:	0.00000		Bank Height:	N.D.	5.451
	Straightening Data:	None				

Reach: QM.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:	0.0000	0.0000	
		0	297	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	382.0675354
	Straightening Data:	None		Bank Height:	N.D.	3.523	



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Reach: QM.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:	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:	1		Railroad:	0.0000	0.00	
	Total Length:	60.000		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	276.7952576
	Straightening Data:	None			Bank Height:	N.D.	5.436

Reach: QT2.01				<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	
		1010	1012	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:	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:	1025.58997		7.2	Bank Erosion:	None	31.9773502
	Straightening Data:				Bank Height:	N.D.	3.000



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Reach: **QT2.02**

<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:	17.000
5.3	Armoring Length	<u>Left</u> <u>Right</u>
		0.00000 28.5494
		0
	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:	0.0000 0.0000
6.4	Miander Migration:	
		<u>Old</u> <u>New</u>
7.2	Bank Erosion:	None 358.5518188
	Bank Height:	N.D. 3.322

Reach: **QT2.03**

<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>
		0 581
5.1	Flow Regulation - Type:	None
	Use:	
5.2	# of Bridges or Culverts:	2
	Total Length:	20.000
5.3	Armoring Length	<u>Left</u> <u>Right</u>
		0.00000 0.00000
	Data Armoring:	None
5.4	Straightening Length:	1314.43018
	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:	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:	Migration
		<u>Old</u> <u>New</u>
7.2	Bank Erosion:	None 1001.773803
		7
	Bank Height:	N.D. 2.673



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Reach: **QT2.04**

<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:	1
	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:	268.85461
	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:	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:	Migration
		<u>Old</u> <u>New</u>
7.2	Bank Erosion:	None 541.9000244
	Bank Height:	N.D. 2.087

Reach: **QT2.05**

<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>
		299 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>
		0.00000 0.00000
	Data Armoring:	None
5.4	Straightening Length:	305.69308
	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:	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:	Migration
		<u>Old</u> <u>New</u>
7.2	Bank Erosion:	None 265.6622620
	Bank Height:	N.D. 2.361



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Reach: QT2.06				<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:	0.0000	0.0000	
		2122	1796	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:	1822.44666		7.2	Bank Erosion:	None	57.6690140
	Straightening Data:				Bank Height:	N.D.	4.083

Reach: QT2.07				<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	
		9329	8292	Berm:	0.0000	0.0000	
5.1	Flow Regulation - Type:	None		Path:	179.719	0.000	
	Use:			Road:	0.0000	0.00000	
5.2	# of Bridges or Culverts:	7		Railroad:	0.0000	0.00	
	Total Length:	80.000		6.2	Corridor Development Data:		
5.3	Armoring Length	<u>Left</u>	<u>Right</u>	Length:	0.0000	0.0000	
		25.5285	43.9475	6.4	Miander Migration:	Migration	
		7	6		<u>Old</u>	<u>New</u>	
	Data Armoring:			7.2	Bank Erosion:	None	86.2517014
5.4	Straightening Length:	9151.98633			Bank Height:	N.D.	2.000
	Straightening Data:						



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Reach: QT2S1.01				<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:	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:	
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:	0.0000000
					Bank Height:	0.000

Reach: QT2S1.02				<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:	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	432		Berm:	0.0000
5.1	Flow Regulation - Type:	None			Path:	0.000
	Use:				Road:	0.00000
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:	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
	Straightening Data:	None			Bank Height:	N.D.
						0.000



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Reach: QT2S2.01				<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:	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:	146.85057		7.2	Bank Erosion:	None	0.0000000
	Straightening Data:				Bank Height:	N.D.	0.000

Reach: QT2S2.02				<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:	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	
		2091	2691	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:	4		Railroad:	0.0000	0.00	
	Total Length:	115.000		6.2	Corridor Development Data:		
5.3	Armoring Length	<u>Left</u>	<u>Right</u>	Length:	603.2312	0.0000	
		0.00000	0.00000	6.4	Miander Migration:		
	Data Armoring:	None			<u>Old</u>	<u>New</u>	
5.4	Straightening Length:	2147.97388		7.2	Bank Erosion:	None	0.0000000
	Straightening Data:				Bank Height:	N.D.	0.000



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Reach: QT2S3.01				<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	223	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	58.3668060
	Straightening Data:	None			Bank Height:	N.D.	2.411

Reach: QT2S3.02				<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:	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	
		2511	2526	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:	20.000		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:	2497.71558		7.2	Bank Erosion:	None	0.0000000
	Straightening Data:				Bank Height:	N.D.	0.000



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Reach: QT2S3.03				<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:	0.0000	0.0000	
		2485	2701	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:	35.000		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:	2686.41211		7.2	Bank Erosion:	None	0.0000000
	Straightening Data:				Bank Height:	N.D.	0.000

Reach: QT3.01				<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	337	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	
		137.909	131.776	6.4	Miander Migration:	Migration	
		44	18			<u>Old</u>	<u>New</u>
	Data Armoring:			7.2	Bank Erosion:	None	171.8091888
5.4	Straightening Length:	0.00000			Bank Height:	N.D.	1.769
	Straightening Data:	None					



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Reach: QT3.02				<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:	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	158	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	720.5965576
	Straightening Data:	None			Bank Height:	N.D.	2.409

Reach: QT3.03				<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:	0.0000	0.0000	
		133	91	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	659.0762939
	Straightening Data:	None			Bank Height:	N.D.	3.148



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Reach: QT3.04				<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:	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	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	268.9657593
	Straightening Data:	None			Bank Height:	N.D.	3.139

Reach: QT3.05				<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	
		116	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:	Migration	
	Data Armoring:	None			<u>Old</u>	<u>New</u>	
5.4	Straightening Length:	0.00000		7.2	Bank Erosion:	None	631.6943359
	Straightening Data:	None			Bank Height:	N.D.	3.386



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Reach: QT3.06				<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:	0.0000	0.0000	
		1280	1456	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:	3		Railroad:	0.0000	0.00	
	Total Length:	90.000		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:	1924.14026		7.2	Bank Erosion:	None	143.7210693
	Straightening Data:				Bank Height:	N.D.	1.406

Reach: QT3.07				<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:	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	117.1182709
	Straightening Data:	None			Bank Height:	N.D.	2.194



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Reach: QT3.08				<u>Step</u>	<u>Description</u>	<u>Value</u>	
<u>Step</u>	<u>Description</u>	<u>Value</u>		5.5	Dredging History:	No Data	
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	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	86.0729599
	Straightening Data:	None			Bank Height:	N.D.	2.551

Reach: QT3.09				<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:		
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	
		9891	23217	Berm:	0.0000	0.0000	
5.1	Flow Regulation - Type:	None		Path:	9876.985	0.000	
	Use:			Road:	0.0000	0.00000	
5.2	# of Bridges or Culverts:	10		Railroad:	0.0000	0.00	
	Total Length:	120.000		6.2	Corridor Development Data:		
5.3	Armoring Length	<u>Left</u>	<u>Right</u>	Length:	0.0000	0.0000	
		0.00000	73.4156	6.4	Miander Migration:		
			2		<u>Old</u>	<u>New</u>	
	Data Armoring:			7.2	Bank Erosion:	None	761.2664185
5.4	Straightening Length:	23667.91797			Bank Height:	N.D.	2.274
	Straightening Data:						



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Reach: QT3S1.01				<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	
		236	1889	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:	3		Railroad:	0.0000	0.00	
	Total Length:	140.000		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:	4040.26343		7.2	Bank Erosion:	None	234.4514771
	Straightening Data:				Bank Height:	N.D.	1.940

Reach: QT3S1.02				<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:	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	
		1492	3935	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:	4327.46387		7.2	Bank Erosion:	None	0.0000000
	Straightening Data:				Bank Height:	N.D.	0.000



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Reach: M3S2.03			<u>Step</u>	<u>Description</u>	<u>Value</u>
<u>Step</u>	<u>Description</u>	<u>Value</u>	5.5	Dredging History:	No Data
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:	877.0000
		13315 13461		Berm:	
5.1	Flow Regulation - Type:			Path:	
	Use:			Road:	
5.2	# of Bridges or Culverts:	6		Railroad:	
	Total Length:	146.320	6.2	Corridor Development Data:	
5.3	Armoring Length	<u>Left</u> <u>Right</u>		Length:	146.0000 0.0000
	Data Armoring:		6.4	Miander Migration:	No Data
5.4	Straightening Length:	12739.00000		<u>Old</u>	<u>New</u>
	Straightening Data:		7.2	Bank Erosion:	N.D.
				Bank Height:	N.D.

Reach: M3S2.04			<u>Step</u>	<u>Description</u>	<u>Value</u>
<u>Step</u>	<u>Description</u>	<u>Value</u>	5.5	Dredging History:	No Data
3.1	Alluvial Fan:	Yes	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:	
		1037 1037		Berm:	
5.1	Flow Regulation - Type:			Path:	
	Use:			Road:	
5.2	# of Bridges or Culverts:	0		Railroad:	
	Total Length:		6.2	Corridor Development Data:	
5.3	Armoring Length	<u>Left</u> <u>Right</u>		Length:	0.0000 0.0000
	Data Armoring:	No Data	6.4	Miander Migration:	No Data
5.4	Straightening Length:	291.00000		<u>Old</u>	<u>New</u>
	Straightening Data:		7.2	Bank Erosion:	N.D.
				Bank Height:	N.D.



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Reach: M1S3.01				<u>Step</u>	<u>Description</u>	<u>Value</u>
	<u>Step</u>	<u>Description</u>	<u>Value</u>	5.5	Dredging History:	No Data
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:	1387.0000
		1618	2891		Berm:	
5.1	Flow Regulation - Type:				Path:	
	Use:				Road:	
5.2	# of Bridges or Culverts:	1			Railroad:	
	Total Length:	28.910		6.2	Corridor Development Data:	
5.3	Armoring Length	<u>Left</u>	<u>Right</u>		Length:	0.0000 0.0000
	Data Armoring:			6.4	Miander Migration:	No Data
5.4	Straightening Length:	2776.00000			<u>Old</u>	<u>New</u>
	Straightening Data:			7.2	Bank Erosion:	N.D.
					Bank Height:	N.D.

Reach: M1S3.02				<u>Step</u>	<u>Description</u>	<u>Value</u>
	<u>Step</u>	<u>Description</u>	<u>Value</u>	5.5	Dredging History:	No Data
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:	
		1460	1406		Berm:	
5.1	Flow Regulation - Type:				Path:	
	Use:				Road:	
5.2	# of Bridges or Culverts:	1			Railroad:	
	Total Length:	54.110		6.2	Corridor Development Data:	
5.3	Armoring Length	<u>Left</u>	<u>Right</u>		Length:	0.0000 0.0000
	Data Armoring:	No Data		6.4	Miander Migration:	No Data
5.4	Straightening Length:	2490.00000			<u>Old</u>	<u>New</u>
	Straightening Data:			7.2	Bank Erosion:	N.D.
					Bank Height:	N.D.



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Reach: M01				<u>Step</u>	<u>Description</u>	<u>Value</u>
<u>Step</u>	<u>Description</u>	<u>Value</u>		5.5	Dredging History:	No Data
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:	778.0000
		389	311		Berm:	
5.1	Flow Regulation - Type:				Path:	
	Use:				Road:	
5.2	# of Bridges or Culverts:	4			Railroad:	
	Total Length:	194.540		6.2	Corridor Development Data:	
5.3	Armoring Length	<u>Left</u>	<u>Right</u>		Length:	0.0000 0.0000
	Data Armoring:			6.4	Miander Migration:	None
5.4	Straightening Length:	3154.00000			<u>Old</u>	<u>New</u>
	Straightening Data:			7.2	Bank Erosion:	N.D.
					Bank Height:	N.D.

Reach: M1S1.01				<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
		490	1809		Berm:	0.0000 0.0000
5.1	Flow Regulation - Type:	None			Path:	0.000 0.000
	Use:				Road:	589.1796 0.00000
5.2	# of Bridges or Culverts:	2			Railroad:	0.0000 0.00
	Total Length:	38.000		6.2	Corridor Development Data:	
5.3	Armoring Length	<u>Left</u>	<u>Right</u>		Length:	0.0000 48.3672
		15.6388 0	113.287 00	6.4	Miander Migration:	Multiple
	Data Armoring:				<u>Old</u>	<u>New</u>
5.4	Straightening Length:	1165.11230		7.2	Bank Erosion:	None 1692.207641 6
	Straightening Data:				Bank Height:	N.D. 1.307



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Reach: **M1S1.02**

<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>
		0 0
5.1	Flow Regulation - Type:	None
	Use:	
5.2	# of Bridges or Culverts:	2
	Total Length:	46.000
5.3	Armoring Length	<u>Left</u> <u>Right</u>
		53.9516 57.4391
		4 9
	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:	204.5145 0.00000
	Railroad:	0.0000 0.00
6.2	Corridor Development Data:	
	Length:	0.0000 60.9749
6.4	Miander Migration:	Flood Chute
		<u>Old</u> <u>New</u>
7.2	Bank Erosion:	None 0.0000000
	Bank Height:	N.D. 0.000

Reach: **M1S1.03**

<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>
		1891 2167
5.1	Flow Regulation - Type:	None
	Use:	
5.2	# of Bridges or Culverts:	3
	Total Length:	33.000
5.3	Armoring Length	<u>Left</u> <u>Right</u>
		45.2028 47.4300
		4 9
	Data Armoring:	
5.4	Straightening Length:	1501.69287
	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:	0.0000 0.0000
	Berm:	637.3652 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 40.8236
6.4	Miander Migration:	Multiple
		<u>Old</u> <u>New</u>
7.2	Bank Erosion:	None 1945.865844
		7
	Bank Height:	N.D. 3.299



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Reach: M1S1.04				<u>Step</u>	<u>Description</u>	<u>Value</u>
	<u>Step</u>	<u>Description</u>	<u>Value</u>	5.5	Dredging History:	No Data
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:	
		3651	4516		Berm:	
5.1	Flow Regulation - Type:				Path:	
	Use:				Road:	
5.2	# of Bridges or Culverts:	3			Railroad:	
	Total Length:	288.270		6.2	Corridor Development Data:	
5.3	Armoring Length	<u>Left</u>	<u>Right</u>		Length:	96.0000 0.0000
	Data Armoring:	No Data		6.4	Miander Migration:	Multiple
5.4	Straightening Length:	2492.00000			<u>Old</u>	<u>New</u>
	Straightening Data:			7.2	Bank Erosion:	N.D.
					Bank Height:	N.D.

Reach: M1S1.05				<u>Step</u>	<u>Description</u>	<u>Value</u>
	<u>Step</u>	<u>Description</u>	<u>Value</u>	5.5	Dredging History:	No Data
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:	
		2871	2325		Berm:	
5.1	Flow Regulation - Type:				Path:	
	Use:				Road:	
5.2	# of Bridges or Culverts:	1			Railroad:	
	Total Length:	200.970		6.2	Corridor Development Data:	
5.3	Armoring Length	<u>Left</u>	<u>Right</u>		Length:	0.0000 0.0000
	Data Armoring:	No Data		6.4	Miander Migration:	No Data
5.4	Straightening Length:	2849.00000			<u>Old</u>	<u>New</u>
	Straightening Data:			7.2	Bank Erosion:	N.D.
					Bank Height:	N.D.



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Reach: M1S1.06				<u>Step</u>	<u>Description</u>	<u>Value</u>
<u>Step</u>	<u>Description</u>	<u>Value</u>		5.5	Dredging History:	No Data
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:		
		2313	2368		Berm:	
5.1	Flow Regulation - Type:				Path:	
	Use:				Road:	
5.2	# of Bridges or Culverts:	2			Railroad:	
	Total Length:	27.220		6.2	Corridor Development Data:	
5.3	Armoring Length	<u>Left</u>	<u>Right</u>		Length:	0.0000 0.0000
	Data Armoring:	No Data		6.4	Miander Migration:	No Data
5.4	Straightening Length:	2627.00000			<u>Old</u>	<u>New</u>
	Straightening Data:			7.2	Bank Erosion:	N.D.
					Bank Height:	Low

Reach: M1S2.01				<u>Step</u>	<u>Description</u>	<u>Value</u>
<u>Step</u>	<u>Description</u>	<u>Value</u>		5.5	Dredging History:	No Data
3.1	Alluvial Fan:	Yes		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:		
		639	639		Berm:	
5.1	Flow Regulation - Type:				Path:	
	Use:				Road:	
5.2	# of Bridges or Culverts:	0			Railroad:	
	Total Length:			6.2	Corridor Development Data:	
5.3	Armoring Length	<u>Left</u>	<u>Right</u>		Length:	0.0000 0.0000
	Data Armoring:	No Data		6.4	Miander Migration:	No Data
5.4	Straightening Length:	772.00000			<u>Old</u>	<u>New</u>
	Straightening Data:			7.2	Bank Erosion:	N.D.
					Bank Height:	N.D.



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Reach: M1S2.02				<u>Step</u>	<u>Description</u>	<u>Value</u>
<u>Step</u>	<u>Description</u>	<u>Value</u>		5.5	Dredging History:	No Data
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:	
		941	57		Berm:	
5.1	Flow Regulation - Type:				Path:	
	Use:				Road:	
5.2	# of Bridges or Culverts:	2			Railroad:	
	Total Length:	199.780		6.2	Corridor Development Data:	
5.3	Armoring Length	<u>Left</u>	<u>Right</u>		Length:	0.0000 0.0000
	Data Armoring:	No Data		6.4	Miander Migration:	No Data
5.4	Straightening Length:	260.00000			<u>Old</u>	<u>New</u>
	Straightening Data:			7.2	Bank Erosion:	N.D.
					Bank Height:	N.D.

Reach: M02				<u>Step</u>	<u>Description</u>	<u>Value</u>
<u>Step</u>	<u>Description</u>	<u>Value</u>		5.5	Dredging History:	No Data
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:	1551.0000
		4510	2929		Berm:	
5.1	Flow Regulation - Type:				Path:	
	Use:				Road:	
5.2	# of Bridges or Culverts:	0			Railroad:	
	Total Length:			6.2	Corridor Development Data:	
5.3	Armoring Length	<u>Left</u>	<u>Right</u>		Length:	0.0000 0.0000
	Data Armoring:			6.4	Miander Migration:	None
5.4	Straightening Length:	2030.00000			<u>Old</u>	<u>New</u>
	Straightening Data:			7.2	Bank Erosion:	N.D.
					Bank Height:	N.D.



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Reach: M04				<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:	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	0	Berm:	0.0000	0.0000	
5.1	Flow Regulation - Type:	None		Path:	188.472	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	10.3079	
		0.00000	0.00000	6.4	Miander Migration:	None	
	Data Armoring:	None			<u>Old</u>	<u>New</u>	
5.4	Straightening Length:	0.00000		7.2	Bank Erosion:	None	1389.979248
	Straightening Data:	None				0	
				Bank Height:	N.D.	5.301	

Reach: M4S2.01				<u>Step</u>	<u>Description</u>	<u>Value</u>	
	<u>Step</u>	<u>Description</u>	<u>Value</u>	5.5	Dredging History:	No Data	
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:			
		0	0	Berm:			
5.1	Flow Regulation - Type:			Path:			
	Use:			Road:			
5.2	# of Bridges or Culverts:	1		Railroad:			
	Total Length:	200.560		6.2	Corridor Development Data:		
5.3	Armoring Length	<u>Left</u>	<u>Right</u>	Length:	0.0000	0.0000	
				6.4	Miander Migration:	No Data	
	Data Armoring:	No Data			<u>Old</u>	<u>New</u>	
5.4	Straightening Length:			7.2	Bank Erosion:	N.D.	
	Straightening Data:	N.D.			Bank Height:	N.D.	



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Reach: M4S2.02				<u>Step</u>	<u>Description</u>	<u>Value</u>
	<u>Step</u>	<u>Description</u>	<u>Value</u>	5.5	Dredging History:	No Data
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:	
		7376	7868		Berm:	
5.1	Flow Regulation - Type:				Path:	
	Use:				Road:	
5.2	# of Bridges or Culverts:	2			Railroad:	
	Total Length:	98.350		6.2	Corridor Development Data:	
5.3	Armoring Length	<u>Left</u>	<u>Right</u>		Length:	0.0000 0.0000
	Data Armoring:	No Data		6.4	Miander Migration:	No Data
5.4	Straightening Length:	9199.00000			<u>Old</u>	<u>New</u>
	Straightening Data:			7.2	Bank Erosion:	N.D.
					Bank Height:	N.D.

Reach: M4S2.03				<u>Step</u>	<u>Description</u>	<u>Value</u>
	<u>Step</u>	<u>Description</u>	<u>Value</u>	5.5	Dredging History:	No Data
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:	106.0000
		3549	3371		Berm:	
5.1	Flow Regulation - Type:				Path:	
	Use:				Road:	
5.2	# of Bridges or Culverts:	0			Railroad:	
	Total Length:			6.2	Corridor Development Data:	
5.3	Armoring Length	<u>Left</u>	<u>Right</u>		Length:	319.0000 0.0000
	Data Armoring:	No Data		6.4	Miander Migration:	No Data
5.4	Straightening Length:	3529.00000			<u>Old</u>	<u>New</u>
	Straightening Data:			7.2	Bank Erosion:	N.D.
					Bank Height:	N.D.



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Reach: M4S2.04				<u>Step</u>	<u>Description</u>	<u>Value</u>
<u>Step</u>	<u>Description</u>	<u>Value</u>		5.5	Dredging History:	No Data
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:	244.0000
		4895	4895		Berm:	
5.1	Flow Regulation - Type:				Path:	
	Use:				Road:	
5.2	# of Bridges or Culverts:	4			Railroad:	
	Total Length:	48.950		6.2	Corridor Development Data:	
5.3	Armoring Length	<u>Left</u>	<u>Right</u>		Length:	0.0000 0.0000
	Data Armoring:	No Data		6.4	Miander Migration:	No Data
5.4	Straightening Length:	4510.00000			<u>Old</u>	<u>New</u>
	Straightening Data:			7.2	Bank Erosion:	N.D.
					Bank Height:	N.D.

Reach: M05				<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
		1814	0		Berm:	0.0000 0.0000
5.1	Flow Regulation - Type:	None			Path:	0.000 699.117
	Use:				Road:	863.6494 0.00000
5.2	# of Bridges or Culverts:	5			Railroad:	0.0000 0.00
	Total Length:	190.000		6.2	Corridor Development Data:	
5.3	Armoring Length	<u>Left</u>	<u>Right</u>		Length:	94.8805 118.7925
		33.8338	75.4218	6.4	Miander Migration:	Flood Chute
		0	1		<u>Old</u>	<u>New</u>
	Data Armoring:			7.2	Bank Erosion:	None 1683.518066
5.4	Straightening Length:	0.00000				4
	Straightening Data:	None			Bank Height:	N.D. 4.787



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Reach: M5S2.01				<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:	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:	333.1833	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:	3		Railroad:	0.0000	0.00
	Total Length:	7.000		6.2	Corridor Development Data:	
5.3	Armoring Length	<u>Left</u>	<u>Right</u>	Length:	0.0000	92.3986
		17.5768	11.8343	6.4	Miander Migration:	Flood Chute
		0	1		<u>Old</u>	<u>New</u>
	Data Armoring:			7.2	Bank Erosion:	None
5.4	Straightening Length:	4239.55664			Bank Height:	107.4634094
	Straightening Data:					N.D.
						2.209

Reach: M5S4.01				<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:	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:	1		Railroad:	0.0000	0.00
	Total Length:	30.000		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:	Multiple
	Data Armoring:	None			<u>Old</u>	<u>New</u>
5.4	Straightening Length:	1862.32239		7.2	Bank Erosion:	None
	Straightening Data:				Bank Height:	242.6336670
						N.D.
						2.997



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Reach: M5S7.01				<u>Step</u>	<u>Description</u>	<u>Value</u>
<u>Step</u>	<u>Description</u>	<u>Value</u>		5.5	Dredging History:	No Data
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:	466.0000
		6526	5360		Berm:	
5.1	Flow Regulation - Type:				Path:	
	Use:				Road:	
5.2	# of Bridges or Culverts:	4			Railroad:	
	Total Length:	116.540		6.2	Corridor Development Data:	
5.3	Armoring Length	<u>Left</u>	<u>Right</u>		Length:	0.0000 0.0000
	Data Armoring:	No Data		6.4	Miander Migration:	Multiple
5.4	Straightening Length:	5108.00000			<u>Old</u>	<u>New</u>
	Straightening Data:			7.2	Bank Erosion:	N.D.
					Bank Height:	N.D.

Reach: M5S9.01				<u>Step</u>	<u>Description</u>	<u>Value</u>
<u>Step</u>	<u>Description</u>	<u>Value</u>		5.5	Dredging History:	No Data
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:	
		3567	3892		Berm:	
5.1	Flow Regulation - Type:				Path:	
	Use:				Road:	
5.2	# of Bridges or Culverts:	1			Railroad:	
	Total Length:	81.090		6.2	Corridor Development Data:	
5.3	Armoring Length	<u>Left</u>	<u>Right</u>		Length:	81.0000 0.0000
	Data Armoring:	No Data		6.4	Miander Migration:	Migration
5.4	Straightening Length:	3668.00000			<u>Old</u>	<u>New</u>
	Straightening Data:			7.2	Bank Erosion:	N.D.
					Bank Height:	N.D.



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Reach: M5S10.01				<u>Step</u>	<u>Description</u>	<u>Value</u>
<u>Step</u>	<u>Description</u>	<u>Value</u>		5.5	Dredging History:	No Data
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:		676.0000
		3044	3806	Berm:		
5.1	Flow Regulation - Type:			Path:		
	Use:			Road:		
5.2	# of Bridges or Culverts:	3		Railroad:		
	Total Length:	84.580		6.2	Corridor Development Data:	
5.3	Armoring Length	<u>Left</u>	<u>Right</u>	Length:	0.0000	0.0000
	Data Armoring:			6.4	Miander Migration:	No Data
5.4	Straightening Length:	5461.00000			<u>Old</u>	<u>New</u>
	Straightening Data:			7.2	Bank Erosion:	N.D.
					Bank Height:	N.D.

Reach: M5S11.01				<u>Step</u>	<u>Description</u>	<u>Value</u>
<u>Step</u>	<u>Description</u>	<u>Value</u>		5.5	Dredging History:	No Data
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:		276.0000
		387	387	Berm:		
5.1	Flow Regulation - Type:			Path:		
	Use:			Road:		
5.2	# of Bridges or Culverts:	1		Railroad:		
	Total Length:	221.360		6.2	Corridor Development Data:	
5.3	Armoring Length	<u>Left</u>	<u>Right</u>	Length:	0.0000	0.0000
	Data Armoring:	No Data		6.4	Miander Migration:	Migration
5.4	Straightening Length:				<u>Old</u>	<u>New</u>
	Straightening Data:	N.D.		7.2	Bank Erosion:	N.D.
					Bank Height:	N.D.



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Reach: M5S11.02				<u>Step</u>	<u>Description</u>	<u>Value</u>
<u>Step</u>	<u>Description</u>	<u>Value</u>		5.5	Dredging History:	No Data
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:	
		643	1609		Berm:	
5.1	Flow Regulation - Type:				Path:	
	Use:				Road:	
5.2	# of Bridges or Culverts:	0			Railroad:	
	Total Length:			6.2	Corridor Development Data:	
5.3	Armoring Length	<u>Left</u>	<u>Right</u>		Length:	0.0000 0.0000
	Data Armoring:	No Data		6.4	Miander Migration:	Multiple
5.4	Straightening Length:	161.00000			<u>Old</u>	<u>New</u>
	Straightening Data:			7.2	Bank Erosion:	N.D.
					Bank Height:	N.D.

Reach: M5S11.03				<u>Step</u>	<u>Description</u>	<u>Value</u>
<u>Step</u>	<u>Description</u>	<u>Value</u>		5.5	Dredging History:	No Data
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:	1627.0000
		6030	6030		Berm:	
5.1	Flow Regulation - Type:				Path:	
	Use:				Road:	
5.2	# of Bridges or Culverts:	4			Railroad:	
	Total Length:	95.720		6.2	Corridor Development Data:	
5.3	Armoring Length	<u>Left</u>	<u>Right</u>		Length:	0.0000 0.0000
	Data Armoring:	No Data		6.4	Miander Migration:	No Data
5.4	Straightening Length:	5507.00000			<u>Old</u>	<u>New</u>
	Straightening Data:			7.2	Bank Erosion:	N.D.
					Bank Height:	N.D.



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Reach: M06				<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
		1400	1553	Berm:	0.0000	0.0000
5.1	Flow Regulation - Type:	None		Path:	0.000	0.000
	Use:			Road:	247.6681	0.00000
5.2	# of Bridges or Culverts:	4		Railroad:	0.0000	0.00
	Total Length:	139.000		6.2	Corridor Development Data:	
5.3	Armoring Length	<u>Left</u>	<u>Right</u>	Length:	0.0000	59.0749
		40.5546	109.160	6.4	Miander Migration:	Flood Chute
		5	11		<u>Old</u>	<u>New</u>
	Data Armoring:			7.2	Bank Erosion:	None
5.4	Straightening Length:	0.00000				1788.252685
	Straightening Data:	None				5
				Bank Height:	N.D.	3.989

Reach: M6S1.01				<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:	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	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:	6.000		6.2	Corridor Development Data:	
5.3	Armoring Length	<u>Left</u>	<u>Right</u>	Length:	59.5377	99.6273
		39.4181	40.3914	6.4	Miander Migration:	Multiple
		8	0		<u>Old</u>	<u>New</u>
	Data Armoring:			7.2	Bank Erosion:	None
5.4	Straightening Length:	1360.59644				36.9768906
	Straightening Data:			Bank Height:	N.D.	2.000



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Reach: **M6S1.1S1.01**

<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>
		0 0
5.1	Flow Regulation - Type:	None
	Use:	
5.2	# of Bridges or Culverts:	4
	Total Length:	60.323
5.3	Armoring Length	<u>Left</u> <u>Right</u>
		0.00000 0.00000
	Data Armoring:	None
5.4	Straightening Length:	4776.17529
	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:	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 143.6181
6.4	Miander Migration:	None
		<u>Old</u> <u>New</u>
7.2	Bank Erosion:	None 1799.704711
		9
	Bank Height:	N.D. 2.000

Reach: **M07**

<u>Step</u>	<u>Description</u>	<u>Value</u>
3.1	Alluvial Fan:	None
3.2	Grade Control:	Multiple
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:	6.000
5.3	Armoring Length	<u>Left</u> <u>Right</u>
		70.4064 9.60695
		2
	Data Armoring:	
5.4	Straightening Length:	1269.53442
	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:	0.0000 0.0000
	Berm:	136.3801 0.0000
	Path:	1189.058 0.000
	Road:	189.8530 0.00000
	Railroad:	0.0000 0.00
6.2	Corridor Development Data:	
	Length:	282.6273 58.5246
6.4	Miander Migration:	Multiple
		<u>Old</u> <u>New</u>
7.2	Bank Erosion:	None 101.9229431
	Bank Height:	N.D. 3.441



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Reach: M08				<u>Step</u>	<u>Description</u>	<u>Value</u>	
<u>Step</u>	<u>Description</u>	<u>Value</u>		5.5	Dredging History:	No Data	
3.1	Alluvial Fan:	None		6.1	Berms & Roads Data:	None	
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:		
		1991	1618		Berm:		
5.1	Flow Regulation - Type:				Path:		
	Use:				Road:		
5.2	# of Bridges or Culverts:	2			Railroad:		
	Total Length:	31.120		6.2	Corridor Development Data:		
5.3	Armoring Length	<u>Left</u>	<u>Right</u>		Length:	0.0000	0.0000
	Data Armoring:	No Data		6.4	Miander Migration:	None	
5.4	Straightening Length:				<u>Old</u>	<u>New</u>	
	Straightening Data:	None		7.2	Bank Erosion:	N.D.	
					Bank Height:	N.D.	

Reach: M09				<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:	0.0000	0.0000
		3952	4138		Berm:	922.5478	0.0000
5.1	Flow Regulation - Type:	None			Path:	0.000	0.000
	Use:				Road:	47.9710	0.00000
5.2	# of Bridges or Culverts:	10			Railroad:	0.0000	0.00
	Total Length:	146.000		6.2	Corridor Development Data:		
5.3	Armoring Length	<u>Left</u>	<u>Right</u>		Length:	56.9516	160.2298
		47.5576	322.964	6.4	Miander Migration:	Flood Chute	
		8	11		<u>Old</u>	<u>New</u>	
	Data Armoring:			7.2	Bank Erosion:	None	304.9973450
5.4	Straightening Length:	5533.31055			Bank Height:	N.D.	3.604
	Straightening Data:						



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Reach: M10				<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:	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	
		622	201	Berm:	432.7211	245.6753	
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:	25.000		6.2	Corridor Development Data:		
5.3	Armoring Length	<u>Left</u>	<u>Right</u>	Length:	118.5567	70.8852	
		0.00000	0.00000	6.4	Miander Migration:	Migration	
	Data Armoring:	None				<u>Old</u>	<u>New</u>
5.4	Straightening Length:	2027.57642		7.2	Bank Erosion:	None	883.1067505
	Straightening Data:				Bank Height:	N.D.	1.015

Reach: M11				<u>Step</u>	<u>Description</u>	<u>Value</u>	
	<u>Step</u>	<u>Description</u>	<u>Value</u>	5.5	Dredging History:	No Data	
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:	419.0000		
		7762	5979	Berm:			
5.1	Flow Regulation - Type:			Path:			
	Use:			Road:			
5.2	# of Bridges or Culverts:	1		Railroad:			
	Total Length:	104.900		6.2	Corridor Development Data:		
5.3	Armoring Length	<u>Left</u>	<u>Right</u>	Length:	0.0000	0.0000	
				6.4	Miander Migration:	Braiding	
	Data Armoring:	No Data				<u>Old</u>	<u>New</u>
5.4	Straightening Length:	1849.00000		7.2	Bank Erosion:	N.D.	
	Straightening Data:				Bank Height:	N.D.	



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Reach: M5S8.01				<u>Step</u>	<u>Description</u>	<u>Value</u>
<u>Step</u>	<u>Description</u>	<u>Value</u>		5.5	Dredging History:	No Data
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:	
		3191	3191		Berm:	
5.1	Flow Regulation - Type:				Path:	
	Use:				Road:	
5.2	# of Bridges or Culverts:	3			Railroad:	
	Total Length:	39.400		6.2	Corridor Development Data:	
5.3	Armoring Length	<u>Left</u>	<u>Right</u>		Length:	0.0000 0.0000
	Data Armoring:	No Data		6.4	Miander Migration:	No Data
5.4	Straightening Length:	3100.00000			<u>Old</u>	<u>New</u>
	Straightening Data:			7.2	Bank Erosion:	N.D.
					Bank Height:	N.D.

Reach: M5S6.01				<u>Step</u>	<u>Description</u>	<u>Value</u>
<u>Step</u>	<u>Description</u>	<u>Value</u>		5.5	Dredging History:	No Data
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:	318.0000
		1738	1738		Berm:	
5.1	Flow Regulation - Type:				Path:	
	Use:				Road:	
5.2	# of Bridges or Culverts:	1			Railroad:	
	Total Length:	24.480		6.2	Corridor Development Data:	
5.3	Armoring Length	<u>Left</u>	<u>Right</u>		Length:	685.0000 0.0000
	Data Armoring:			6.4	Miander Migration:	No Data
5.4	Straightening Length:	1724.00000			<u>Old</u>	<u>New</u>
	Straightening Data:			7.2	Bank Erosion:	N.D.
					Bank Height:	N.D.



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Reach: M5S5.01				<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:	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:	Neck Cutoff	
	Data Armoring:	None			<u>Old</u>	<u>New</u>	
5.4	Straightening Length:	0.00000		7.2	Bank Erosion:	None	669.4661865
	Straightening Data:	None			Bank Height:	N.D.	2.713

Reach: M5S3.01				<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:	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	17.0940	
		0.00000	0.00000	6.4	Miander Migration:	Flood Chute	
	Data Armoring:	None			<u>Old</u>	<u>New</u>	
5.4	Straightening Length:	0.00000		7.2	Bank Erosion:	None	2257.008300
	Straightening Data:	None			Bank Height:	N.D.	4.000



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Reach: M5S1.01				<u>Step</u>	<u>Description</u>	<u>Value</u>
<u>Step</u>	<u>Description</u>	<u>Value</u>		5.5	Dredging History:	No Data
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:		631.0000
		2895	2948	Berm:		
5.1	Flow Regulation - Type:			Path:		
	Use:			Road:		
5.2	# of Bridges or Culverts:	2		Railroad:		
	Total Length:	210.600		6.2	Corridor Development Data:	
5.3	Armoring Length	<u>Left</u>	<u>Right</u>	Length:	0.0000	631.0000
	Data Armoring:			6.4	Miander Migration:	No Data
5.4	Straightening Length:	1657.00000			<u>Old</u>	<u>New</u>
	Straightening Data:			7.2	Bank Erosion:	N.D.
					Bank Height:	N.D.

Reach: M4S1.01				<u>Step</u>	<u>Description</u>	<u>Value</u>
<u>Step</u>	<u>Description</u>	<u>Value</u>		5.5	Dredging History:	No Data
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:		
		0	0	Berm:		
5.1	Flow Regulation - Type:			Path:		
	Use:			Road:		
5.2	# of Bridges or Culverts:	0		Railroad:		
	Total Length:			6.2	Corridor Development Data:	
5.3	Armoring Length	<u>Left</u>	<u>Right</u>	Length:	0.0000	0.0000
	Data Armoring:	No Data		6.4	Miander Migration:	No Data
5.4	Straightening Length:				<u>Old</u>	<u>New</u>
	Straightening Data:	N.D.		7.2	Bank Erosion:	N.D.
					Bank Height:	N.D.



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Reach: M4S1.02				<u>Step</u>	<u>Description</u>	<u>Value</u>
<u>Step</u>	<u>Description</u>	<u>Value</u>		5.5	Dredging History:	No Data
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:	
		8698	8250		Berm:	
5.1	Flow Regulation - Type:				Path:	
	Use:				Road:	
5.2	# of Bridges or Culverts:	5			Railroad:	
	Total Length:	89.680		6.2	Corridor Development Data:	
5.3	Armoring Length	<u>Left</u>	<u>Right</u>		Length:	0.0000 0.0000
	Data Armoring:	No Data		6.4	Miander Migration:	No Data
5.4	Straightening Length:	8759.00000			<u>Old</u>	<u>New</u>
	Straightening Data:			7.2	Bank Erosion:	N.D.
					Bank Height:	N.D.

Reach: M3S2.02				<u>Step</u>	<u>Description</u>	<u>Value</u>
<u>Step</u>	<u>Description</u>	<u>Value</u>		5.5	Dredging History:	No Data
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:	770.0000
		2568	3082		Berm:	
5.1	Flow Regulation - Type:				Path:	
	Use:				Road:	
5.2	# of Bridges or Culverts:	1			Railroad:	
	Total Length:	85.620		6.2	Corridor Development Data:	
5.3	Armoring Length	<u>Left</u>	<u>Right</u>		Length:	42.0000 0.0000
	Data Armoring:	No Data		6.4	Miander Migration:	No Data
5.4	Straightening Length:	2161.00000			<u>Old</u>	<u>New</u>
	Straightening Data:			7.2	Bank Erosion:	N.D.
					Bank Height:	N.D.



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Reach: QM.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	
		0	1180	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	180.7074738
	Straightening Data:	None		Bank Height:	N.D.	4.580	

Reach: QM.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:	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	
		270	415	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:	60.000		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	651.6468506
	Straightening Data:	None		Bank Height:	N.D.	2.973	



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Reach: **QT1.01**

<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> 1453 452
5.1	Flow Regulation - Type:	None
	Use:	
5.2	# of Bridges or Culverts:	3
	Total Length:	70.000
5.3	Armoring Length	<u>Left</u> <u>Right</u> 40.2078 20.3659 3 3
	Data Armoring:	
5.4	Straightening Length:	1233.03564
	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:	0.0000 0.0000
	Berm:	0.0000 0.0000
	Path:	0.000 0.000
	Road:	382.1623 0.00000
	Railroad:	0.0000 0.00
6.2	Corridor Development Data:	
	Length:	0.0000 0.0000
6.4	Miander Migration:	Migration
		<u>Old</u> <u>New</u>
7.2	Bank Erosion:	None 387.8619995
	Bank Height:	N.D. 2.000

Reach: **QT1.02**

<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> 1802 2689
5.1	Flow Regulation - Type:	None
	Use:	
5.2	# of Bridges or Culverts:	4
	Total Length:	20.000
5.3	Armoring Length	<u>Left</u> <u>Right</u> 32.8456 0.00000 4
	Data Armoring:	
5.4	Straightening Length:	1951.57117
	Straightening Data:	

<u>Step</u>	<u>Description</u>	<u>Value</u>
5.5	Dredging History:	Not Evaluated
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:	629.4876 0.00000
	Railroad:	0.0000 0.00
6.2	Corridor Development Data:	
	Length:	0.0000 147.8963
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: QT1.03				<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:	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
		375	0	Berm:	0.0000	0.0000
5.1	Flow Regulation - Type:	None		Path:	0.000	0.000
	Use:			Road:	126.9074	0.00000
5.2	# of Bridges or Culverts:	2		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:	1161.89880		7.2	Bank Erosion:	None 302.5360413
	Straightening Data:			Bank Height:	N.D.	2.486