



Phase 1 - FIT - Legacy Data Report

Winooski - Montpelier to Cabot

SGAT Version: 3

Reach: M3.01		
<u>Step</u>	<u>Description</u>	<u>Value</u>
3.1	Alluvial Fan:	None
3.2	Grade Control:	Weir
5.2	# of Bridges or Culverts:	0
	Total Length:	0.000
5.3	Armoring Length	<u>Left</u> <u>Right</u>
		161.323 0.00000
		99
	Data Armoring:	
5.4	Straightening Length:	286.75024
	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
6.2	Dev. Length:	0.0000 17.9200
	Corridor Development Data:	
		<u>Old</u> <u>New</u>
7.2	Bank Erosion:	Low 251.4688416
	Bank Height:	Low 4.800

Phase 1 - FIT - Legacy Data Report

Winooski - Montpelier to Cabot

SGAT Version: 3

Reach: M3.02		
<u>Step</u>	<u>Description</u>	<u>Value</u>
3.1	Alluvial Fan:	None
3.2	Grade Control:	None
5.2	# of Bridges or Culverts:	2
	Total Length:	53.000
5.3	Armoring Length	<u>Left</u> <u>Right</u>
		1262.72 875.241
		180 88
	Data Armoring:	
5.4	Straightening Length:	1915.47046
	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:	2110.7900 107.4768
6.2	Dev. Length:	529.3031 0.0000
	Corridor Development Data:	
		<u>Old</u> <u>New</u>
7.2	Bank Erosion:	High 4531.8828125
	Bank Height:	Low 4.213



Stream Geomorphic Assessment

Agency of Natural Resources



Vermont.gov

November, 24 2024

Phase 1 - FIT - Legacy Data Report

Winooski - Montpelier to Cabot

SGAT Version: 3

Reach: M3.03		<u>Step</u>	<u>Description</u>	<u>Value</u>
		5.5	Dredging History:	Dredging
3.1	Alluvial Fan:	6.1	Berms & Roads Data:	
			<u>One Side</u>	<u>Both Sides</u>
3.2	Grade Control:		Berms & Roads:	2894.6016
				0.0000
5.2	# of Bridges or Culverts:	6.2	Dev. Length:	791.1141
				0.0000
	Total Length:	Corridor Development Data:		
			<u>Old</u>	<u>New</u>
5.3	Armoring Length	7.2	Bank Erosion:	High
				4262.5131836
			Bank Height:	Medium
	Data Armoring:			7.336
5.4	Straightening Length:	Straightening Data:		

Phase 1 - FIT - Legacy Data Report

Winooski - Montpelier to Cabot

SGAT Version: 3

Reach: M3.04		<u>Step</u>	<u>Description</u>	<u>Value</u>
		5.5	Dredging History:	Dredging
3.1	Alluvial Fan:	6.1	Berms & Roads Data:	
			<u>One Side</u>	<u>Both Sides</u>
3.2	Grade Control:		Berms & Roads:	1269.3584
				32.4156
5.2	# of Bridges or Culverts:	6.2	Dev. Length:	31.0255
				0.0000
	Total Length:	Corridor Development Data:		
			<u>Old</u>	<u>New</u>
5.3	Armoring Length	7.2	Bank Erosion:	High
				1960.1485596
	Data Armoring:		Bank Height:	Medium
				5.174
5.4	Straightening Length:	Straightening Data:		



Stream Geomorphic Assessment

Agency of Natural Resources



Vermont.gov

November, 24 2024

Phase 1 - FIT - Legacy Data Report

Winooski - Montpelier to Cabot

SGAT Version: 3

Reach: M3.05		<u>Step</u>	<u>Description</u>	<u>Value</u>
		5.5	Dredging History:	Dredging
3.1	Alluvial Fan:	6.1	Berms & Roads Data:	
			<u>One Side</u>	<u>Both Sides</u>
3.2	Grade Control:		Berms & Roads:	2814.4089 246.2466
			Dev. Length:	244.0575 0.0000
5.2	# of Bridges or Culverts:	6.2	Corridor Development Data:	
	Total Length:		<u>Old</u>	<u>New</u>
	127.000		7.2	Bank Erosion: High 5698.5727539
5.3	Armoring Length		Bank Height:	Low 4.953
	<u>Left</u>			
	602.640			
	<u>Right</u>			
	941.595			
	26			
	95			
	Data Armoring:			
5.4	Straightening Length:			
	2463.57715			
	Straightening Data:			

Phase 1 - FIT - Legacy Data Report

Winooski - Montpelier to Cabot

SGAT Version: 3

Reach: M3.06		<u>Step</u>	<u>Description</u>	<u>Value</u>
		5.5	Dredging History:	None
3.1	Alluvial Fan:	6.1	Berms & Roads Data:	
			<u>One Side</u>	<u>Both Sides</u>
3.2	Grade Control:		Berms & Roads:	
			Dev. Length:	
5.2	# of Bridges or Culverts:	6.2	Corridor Development Data:	
	Total Length:		<u>Old</u>	<u>New</u>
	46.000		7.2	Bank Erosion: High 1983.9584961
5.3	Armoring Length		Bank Height:	Low 3.465
	<u>Left</u>			
	839.352			
	<u>Right</u>			
	230.944			
	72			
	70			
	Data Armoring:			
5.4	Straightening Length:			
	2176.13965			
	Straightening Data:			



Stream Geomorphic Assessment

Agency of Natural Resources



Vermont.gov

November, 24 2024

Phase 1 - FIT - Legacy Data Report

Winooski - Montpelier to Cabot

SGAT Version: 3

Reach: M3.07				<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:	Ledge		<u>One Side</u>	<u>Both Sides</u>	
5.2	# of Bridges or Culverts:	1	Berms & Roads:	0.0000	0.0000	
	Total Length:	80.000	6.2	Dev. Length:	268.9253 0.0000	
5.3	Armoring Length	<u>Left</u> <u>Right</u>	Corridor Development Data:			
		115.722 168.824		<u>Old</u>	<u>New</u>	
		18 39	7.2	Bank Erosion:	N.S. 83.7382202	
	Data Armoring:			Bank Height:	Low 4.487	
5.4	Straightening Length:	0.00000				
	Straightening Data:	None				

Phase 1 - FIT - Legacy Data Report

Winooski - Montpelier to Cabot

SGAT Version: 3

Reach: M3.08				<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:	Ledge		<u>One Side</u>	<u>Both Sides</u>	
5.2	# of Bridges or Culverts:	1	Berms & Roads:	283.2916	0.0000	
	Total Length:	36.000	6.2	Dev. Length:	0.0000 0.0000	
5.3	Armoring Length	<u>Left</u> <u>Right</u>	Corridor Development Data:			
		42.0971 79.7520		<u>Old</u>	<u>New</u>	
		5 5	7.2	Bank Erosion:	Low 2268.4594727	
	Data Armoring:			Bank Height:	Medium 5.751	
5.4	Straightening Length:	0.00000				
	Straightening Data:	None				



Stream Geomorphic Assessment

Agency of Natural Resources



Vermont.gov

November, 24 2024

Phase 1 - FIT - Legacy Data Report

Winooski - Montpelier to Cabot

SGAT Version: 3

Reach: M3.09				<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:	No Data			<u>One Side</u>	<u>Both Sides</u>
5.2	# of Bridges or Culverts:	0			Berms & Roads:	
	Total Length:	0.000		6.2	Dev. Length:	0.0000 0.0000
5.3	Armoring Length	<u>Left</u>	<u>Right</u>		Corridor Development Data:	
	Data Armoring:	None			<u>Old</u>	<u>New</u>
5.4	Straightening Length:			7.2	Bank Erosion:	N.D. 0.0000000
	Straightening Data:	None			Bank Height:	N.D. 0.000

Phase 1 - FIT - Legacy Data Report

Winooski - Montpelier to Cabot

SGAT Version: 3

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:	Dam			<u>One Side</u>	<u>Both Sides</u>
5.2	# of Bridges or Culverts:	1			Berms & Roads:	1809.3379 1460.1753
	Total Length:	240.000		6.2	Dev. Length:	916.5563 1652.1505
5.3	Armoring Length	<u>Left</u>	<u>Right</u>		Corridor Development Data:	
		644.402	614.071		<u>Old</u>	<u>New</u>
		22	72			
	Data Armoring:			7.2	Bank Erosion:	Low 319.5447693
5.4	Straightening Length:	4022.94873			Bank Height:	Low 4.380
	Straightening Data:					



Stream Geomorphic Assessment

Agency of Natural Resources



Vermont.gov

November, 24 2024

Phase 1 - FIT - Legacy Data Report

Winooski - Montpelier to Cabot

SGAT Version: 3

Reach: R28		<u>Step</u>	<u>Description</u>	<u>Value</u>
		5.5	Dredging History:	None
3.1	Alluvial Fan:	6.1	Berms & Roads Data:	
3.2	Grade Control:		<u>One Side</u>	<u>Both Sides</u>
5.2	# of Bridges or Culverts:		Berms & Roads:	3042.4011 501.9633
	Total Length:	6.2	Dev. Length:	244.7852 0.0000
5.3	Armoring Length		Corridor Development Data:	
			<u>Old</u>	<u>New</u>
			7.2	Bank Erosion: High 2076.3449707
	Data Armoring:		Bank Height:	Medium 6.459
5.4	Straightening Length:			
	Straightening Data:			

Phase 1 - FIT - Legacy Data Report

Winooski - Montpelier to Cabot

SGAT Version: 3

Reach: R29		<u>Step</u>	<u>Description</u>	<u>Value</u>
		5.5	Dredging History:	None
3.1	Alluvial Fan:	6.1	Berms & Roads Data:	
3.2	Grade Control:		<u>One Side</u>	<u>Both Sides</u>
5.2	# of Bridges or Culverts:		Berms & Roads:	3353.6270 2100.1301
	Total Length:	6.2	Dev. Length:	2465.4324 0.0000
5.3	Armoring Length		Corridor Development Data:	
			<u>Old</u>	<u>New</u>
	Data Armoring:	7.2	Bank Erosion:	Low 519.9890137
5.4	Straightening Length:		Bank Height:	Medium 6.822
	Straightening Data:			



Stream Geomorphic Assessment

Agency of Natural Resources



Vermont.gov

November, 24 2024

Phase 1 - FIT - Legacy Data Report

Winooski - Montpelier to Cabot

SGAT Version: 3

Reach: M4.01			<u>Step</u>	<u>Description</u>	<u>Value</u>
	<u>Step</u>	<u>Description</u>	<u>Value</u>		
3.1	Alluvial Fan:	Yes			
3.2	Grade Control:	No Data			
5.2	# of Bridges or Culverts:	2			
	Total Length:	530.000			
5.3	Armoring Length	<u>Left</u>	<u>Right</u>		
	Data Armoring:	None			
5.4	Straightening Length:				
	Straightening Data:	None			
5.5	Dredging History:	Gravel Mining			
6.1	Berms & Roads Data:		<u>One Side</u>	<u>Both Sides</u>	
	Berms & Roads:	378.0000			
6.2	Dev. Length:	0.0000		0.0000	
	Corridor Development Data:		<u>Old</u>	<u>New</u>	
7.2	Bank Erosion:	None			
	Bank Height:	High			

Phase 1 - FIT - Legacy Data Report

Winooski - Montpelier to Cabot

SGAT Version: 3

Reach: M4.02			<u>Step</u>	<u>Description</u>	<u>Value</u>
	<u>Step</u>	<u>Description</u>	<u>Value</u>		
3.1	Alluvial Fan:	None			
3.2	Grade Control:	No Data			
5.2	# of Bridges or Culverts:	0			
	Total Length:	0.000			
5.3	Armoring Length	<u>Left</u>	<u>Right</u>		
	Data Armoring:	None			
5.4	Straightening Length:				
	Straightening Data:	None			
5.5	Dredging History:	None			
6.1	Berms & Roads Data:	None	<u>One Side</u>	<u>Both Sides</u>	
	Berms & Roads:				
6.2	Dev. Length:	0.0000		0.0000	
	Corridor Development Data:		<u>Old</u>	<u>New</u>	
7.2	Bank Erosion:	N.D.			
	Bank Height:	N.D.			



Stream Geomorphic Assessment

Agency of Natural Resources



Vermont.gov

November, 24 2024

Phase 1 - FIT - Legacy Data Report

Winooski - Montpelier to Cabot

SGAT Version: 3

Reach: M4.03		<u>Step</u>	<u>Description</u>	<u>Value</u>
		3.1	Alluvial Fan: None	
		3.2	Grade Control: No Data	
		5.2	# of Bridges or Culverts: 1	
			Total Length: 115.000	
		5.3	Armoring Length	<u>Left</u> <u>Right</u>
			Data Armoring:	
		5.4	Straightening Length:	
			Straightening Data: None	
		5.5	Dredging History:	None
		6.1	Berms & Roads Data:	None
				<u>One Side</u> <u>Both Sides</u>
			Berms & Roads:	
		6.2	Dev. Length: 0.0000	0.0000
			Corridor Development Data:	
				<u>Old</u> <u>New</u>
		7.2	Bank Erosion: Low	
			Bank Height: High	

Phase 1 - FIT - Legacy Data Report

Winooski - Montpelier to Cabot

SGAT Version: 3

Reach: R17		<u>Step</u>	<u>Description</u>	<u>Value</u>
		3.1	Alluvial Fan: None	
		3.2	Grade Control: None	
		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	
		5.5	Dredging History:	Dredging
		6.1	Berms & Roads Data:	
				<u>One Side</u> <u>Both Sides</u>
			Berms & Roads: 0.0000	0.0000
		6.2	Dev. Length: 0.0000	0.0000
			Corridor Development Data:	
				<u>Old</u> <u>New</u>
		7.2	Bank Erosion: None	0.0000000
			Bank Height: N.D.	0.000



Stream Geomorphic Assessment

Agency of Natural Resources



Vermont.gov

November, 24 2024

Phase 1 - FIT - Legacy Data Report

Winooski - Montpelier to Cabot

SGAT Version: 3

Reach: R18				<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>
5.2	# of Bridges or Culverts:	11			Berms & Roads:	11642.481 7508.6162
	Total Length:	398.000			4	
5.3	Armoring Length	<u>Left</u>	<u>Right</u>	6.2	Dev. Length:	3612.0024 5176.8076
		9238.81	8021.19		Corridor Development Data:	
		445	727		<u>Old</u>	<u>New</u>
	Data Armoring:			7.2	Bank Erosion:	Low 1198.3417969
5.4	Straightening Length:	12648.48438			Bank Height:	Medium 13.347
	Straightening Data:					

Phase 1 - FIT - Legacy Data Report

Winooski - Montpelier to Cabot

SGAT Version: 3

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:	None			<u>One Side</u>	<u>Both Sides</u>
5.2	# of Bridges or Culverts:	2			Berms & Roads:	1442.2433 1484.7762
	Total Length:	47.000		6.2	Dev. Length:	990.1810 2120.7744
5.3	Armoring Length	<u>Left</u>	<u>Right</u>		Corridor Development Data:	
		1439.55	2297.44		<u>Old</u>	<u>New</u>
		725	556	7.2	Bank Erosion:	N.S. 184.0952454
	Data Armoring:				Bank Height:	Medium 9.180
5.4	Straightening Length:	2076.33398				
	Straightening Data:					



Stream Geomorphic Assessment

Agency of Natural Resources



Vermont.gov

November, 24 2024

Phase 1 - FIT - Legacy Data Report

Winooski - Montpelier to Cabot

SGAT Version: 3

Reach: R20			<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:	Dam		<u>One Side</u>	<u>Both Sides</u>
5.2	# of Bridges or Culverts:	0		Berms & Roads:	0.0000 0.0000
	Total Length:	0.000	6.2	Dev. Length:	0.0000 0.0000
5.3	Armoring Length	<u>Left</u> <u>Right</u>		Corridor Development Data:	
		0.00000 0.00000		<u>Old</u>	<u>New</u>
	Data Armoring:	None	7.2	Bank Erosion:	None 0.0000000
5.4	Straightening Length:	35.08952		Bank Height:	N.D. 0.000
	Straightening Data:				

Phase 1 - FIT - Legacy Data Report

Winooski - Montpelier to Cabot

SGAT Version: 3

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:	Dam		<u>One Side</u>	<u>Both Sides</u>
5.2	# of Bridges or Culverts:	0		Berms & Roads:	4257.1450 0.0000
	Total Length:	0.000	6.2	Dev. Length:	0.0000 0.0000
5.3	Armoring Length	<u>Left</u> <u>Right</u>		Corridor Development Data:	
		3347.05 0.00000		<u>Old</u>	<u>New</u>
	Data Armoring:	444	7.2	Bank Erosion:	Low 467.3207092
5.4	Straightening Length:	4047.22485		Bank Height:	Medium 5.628
	Straightening Data:				



Stream Geomorphic Assessment

Agency of Natural Resources



Vermont.gov

November, 24 2024

Phase 1 - FIT - Legacy Data Report

Winooski - Montpelier to Cabot

SGAT Version: 3

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:	None		<u>One Side</u>	<u>Both Sides</u>
5.2	# of Bridges or Culverts:	2	Berms & Roads:	8290.7051	555.0745
	Total Length:	49.000	6.2	Dev. Length:	4050.2742 144.1487
5.3	Armoring Length	<u>Left</u> <u>Right</u>	Corridor Development Data:		
		1858.70 2994.41		<u>Old</u>	<u>New</u>
		056 064	7.2	Bank Erosion:	High 3066.7617188
	Data Armoring:			Bank Height:	Medium 8.004
5.4	Straightening Length:	5112.05713			
	Straightening Data:				

Phase 1 - FIT - Legacy Data Report

Winooski - Montpelier to Cabot

SGAT Version: 3

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:	None		<u>One Side</u>	<u>Both Sides</u>
5.2	# of Bridges or Culverts:	2	Berms & Roads:	3656.6606	338.3552
	Total Length:	980.000	6.2	Dev. Length:	2323.9368 847.4221
5.3	Armoring Length	<u>Left</u> <u>Right</u>	Corridor Development Data:		
		439.361 1675.74		<u>Old</u>	<u>New</u>
		21 060	7.2	Bank Erosion:	High 3648.7521973
	Data Armoring:			Bank Height:	Medium 9.547
5.4	Straightening Length:	7953.65967			
	Straightening Data:				



Stream Geomorphic Assessment

Agency of Natural Resources



Vermont.gov

November, 24 2024

Phase 1 - FIT - Legacy Data Report

Winooski - Montpelier to Cabot

SGAT Version: 3

Reach: R24			<u>Step</u> <u>Description</u> <u>Value</u>		
	<u>Step</u>	<u>Description</u>	<u>Value</u>		
3.1	Alluvial Fan:	None			
3.2	Grade Control:	None			
5.2	# of Bridges or Culverts:	1			
	Total Length:	320.000			
5.3	Armoring Length	<u>Left</u> <u>Right</u>			
		309.182 547.054			
		37 14			
	Data Armoring:				
5.4	Straightening Length:	2140.18628			
	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:	2227.3667	0.0000		
6.2	Dev. Length:	363.6980	0.0000		
	Corridor Development Data:				
			<u>Old</u>	<u>New</u>	
7.2	Bank Erosion:	High	2330.8041992		
	Bank Height:	Medium	7.034		

Phase 1 - FIT - Legacy Data Report

Winooski - Montpelier to Cabot

SGAT Version: 3

Reach: R25			<u>Step</u> <u>Description</u> <u>Value</u>		
	<u>Step</u>	<u>Description</u>	<u>Value</u>		
3.1	Alluvial Fan:	None			
3.2	Grade Control:	None			
5.2	# of Bridges or Culverts:	1			
	Total Length:	34.000			
5.3	Armoring Length	<u>Left</u> <u>Right</u>			
		1886.35 1534.07			
		559 373			
	Data Armoring:				
5.4	Straightening Length:	4387.55420			
	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:	2704.7886	0.0000		
6.2	Dev. Length:	570.0402	0.0000		
	Corridor Development Data:				
			<u>Old</u>	<u>New</u>	
7.2	Bank Erosion:	High	6125.8930664		
	Bank Height:	Medium	9.418		



Stream Geomorphic Assessment

Agency of Natural Resources



Vermont.gov

November, 24 2024

Phase 1 - FIT - Legacy Data Report

Winooski - Montpelier to Cabot

SGAT Version: 3

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>	
5.2	# of Bridges or Culverts:	0		Berms & Roads:	3556.0847 23.0118
	Total Length:	0.000	6.2	Dev. Length:	1642.0284 39.1949
5.3	Armoring Length	<u>Left</u> <u>Right</u>		Corridor Development Data:	
		1352.62 698.341		<u>Old</u> <u>New</u>	
		988 37	7.2	Bank Erosion:	Low 821.9943237
	Data Armoring:			Bank Height:	Medium 5.284
5.4	Straightening Length:	1789.23889			
	Straightening Data:				

Phase 1 - FIT - Legacy Data Report

Winooski - Montpelier to Cabot

SGAT Version: 3

Reach: M5.06			<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:	None
3.2	Grade Control:	No Data		<u>One Side</u> <u>Both Sides</u>	
5.2	# of Bridges or Culverts:	1		Berms & Roads:	
	Total Length:	120.000	6.2	Dev. Length:	0.0000 0.0000
5.3	Armoring Length	<u>Left</u> <u>Right</u>		Corridor Development Data:	
				<u>Old</u> <u>New</u>	
	Data Armoring:		7.2	Bank Erosion:	Low
5.4	Straightening Length:			Bank Height:	Medium
	Straightening Data:	None			



Stream Geomorphic Assessment

Agency of Natural Resources



Vermont.gov

November, 24 2024

Phase 1 - FIT - Legacy Data Report

Winooski - Montpelier to Cabot

SGAT Version: 3

Reach: M5.07			<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:	No Data			
5.2	# of Bridges or Culverts:	1		<u>One Side</u>	<u>Both Sides</u>
	Total Length:	325.000		Berms & Roads:	99.0000
5.3	Armoring Length	<u>Left</u> <u>Right</u>	6.2	Dev. Length:	0.0000 0.0000
	Data Armoring:			Corridor Development Data:	
5.4	Straightening Length:				
	Straightening Data:	None		<u>Old</u>	<u>New</u>
			7.2	Bank Erosion:	None
				Bank Height:	Medium

Phase 1 - FIT - Legacy Data Report

Winooski - Montpelier to Cabot

SGAT Version: 3

Reach: M5.08			<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:	No Data			
5.2	# of Bridges or Culverts:	0		<u>One Side</u>	<u>Both Sides</u>
	Total Length:	0.000		Berms & Roads:	
5.3	Armoring Length	<u>Left</u> <u>Right</u>	6.2	Dev. Length:	0.0000 0.0000
	Data Armoring:	None		Corridor Development Data:	
5.4	Straightening Length:				
	Straightening Data:	None		<u>Old</u>	<u>New</u>
			7.2	Bank Erosion:	
				Bank Height:	



Stream Geomorphic Assessment

Agency of Natural Resources



Vermont.gov

November, 24 2024

Phase 1 - FIT - Legacy Data Report

Winooski - Montpelier to Cabot

SGAT Version: 3

Reach: M5.09		<u>Step</u>	<u>Description</u>	<u>Value</u>
		5.5	Dredging History:	None
3.1	Alluvial Fan:	6.1	Berms & Roads Data:	None
3.2	Grade Control:		<u>One Side</u>	<u>Both Sides</u>
5.2	# of Bridges or Culverts:		Berms & Roads:	
	Total Length:	6.2	Dev. Length:	551.0000 0.0000
5.3	Armoring Length		Corridor Development Data:	
			<u>Old</u>	<u>New</u>
	Data Armoring:	7.2	Bank Erosion:	None
5.4	Straightening Length:		Bank Height:	Low
	Straightening Data:			

Phase 1 - FIT - Legacy Data Report

Winooski - Montpelier to Cabot

SGAT Version: 3

Reach: M2.01		<u>Step</u>	<u>Description</u>	<u>Value</u>
		5.5	Dredging History:	None
3.1	Alluvial Fan:	6.1	Berms & Roads Data:	None
3.2	Grade Control:		<u>One Side</u>	<u>Both Sides</u>
5.2	# of Bridges or Culverts:		Berms & Roads:	
	Total Length:	6.2	Dev. Length:	571.0000 0.0000
5.3	Armoring Length		Corridor Development Data:	
			<u>Old</u>	<u>New</u>
	Data Armoring:	7.2	Bank Erosion:	Low
5.4	Straightening Length:		Bank Height:	Low
	Straightening Data:			



Stream Geomorphic Assessment

Agency of Natural Resources



Vermont.gov

November, 24 2024

Phase 1 - FIT - Legacy Data Report

Winooski - Montpelier to Cabot

SGAT Version: 3

Reach: M2.02		<u>Step</u>	<u>Description</u>	<u>Value</u>
		3.1	Alluvial Fan: None	
		3.2	Grade Control: No Data	
		5.2	# of Bridges or Culverts: 0	
			Total Length: 0.000	
		5.3	Armoring Length <u>Left</u> <u>Right</u>	
			Data Armoring: None	
		5.4	Straightening Length:	
			Straightening Data: None	
		5.5	Dredging History: None	
		6.1	Berms & Roads Data: None	
			<u>One Side</u> <u>Both Sides</u>	
			Berms & Roads:	
		6.2	Dev. Length: 1111.0000	0.0000
			Corridor Development Data:	
			<u>Old</u> <u>New</u>	
		7.2	Bank Erosion: N.E.	
			Bank Height: N.E.	

Phase 1 - FIT - Legacy Data Report

Winooski - Montpelier to Cabot

SGAT Version: 3

Reach: M2.03		<u>Step</u>	<u>Description</u>	<u>Value</u>
		3.1	Alluvial Fan: None	
		3.2	Grade Control: No Data	
		5.2	# of Bridges or Culverts: 5	
			Total Length: 525.000	
		5.3	Armoring Length <u>Left</u> <u>Right</u>	
			Data Armoring: None	
		5.4	Straightening Length: 359.00000	
			Straightening Data:	
		5.5	Dredging History: None	
		6.1	Berms & Roads Data: None	
			<u>One Side</u> <u>Both Sides</u>	
			Berms & Roads:	
		6.2	Dev. Length: 0.0000	0.0000
			Corridor Development Data:	
			<u>Old</u> <u>New</u>	
		7.2	Bank Erosion: None	
			Bank Height: Medium	



Stream Geomorphic Assessment

Agency of Natural Resources



Vermont.gov

November, 24 2024

Phase 1 - FIT - Legacy Data Report

Winooski - Montpelier to Cabot

SGAT Version: 3

Reach: M4.04			<u>Step</u>	<u>Description</u>	<u>Value</u>
	<u>Step</u>	<u>Description</u>			
3.1	Alluvial Fan:	None	5.5	Dredging History:	None
3.2	Grade Control:	No Data	6.1	Berms & Roads Data:	None
5.2	# of Bridges or Culverts:	1		<u>One Side</u>	<u>Both Sides</u>
	Total Length:	300.000		Berms & Roads:	
5.3	Armoring Length	<u>Left</u> <u>Right</u>	6.2	Dev. Length:	0.0000 0.0000
	Data Armoring:			Corridor Development Data:	
5.4	Straightening Length:			<u>Old</u>	<u>New</u>
	Straightening Data:	None	7.2	Bank Erosion:	None
				Bank Height:	Medium

Phase 1 - FIT - Legacy Data Report

Winooski - Montpelier to Cabot

SGAT Version: 3

Reach: M4.05			<u>Step</u>	<u>Description</u>	<u>Value</u>
	<u>Step</u>	<u>Description</u>			
3.1	Alluvial Fan:	None	5.5	Dredging History:	None
3.2	Grade Control:	No Data	6.1	Berms & Roads Data:	None
5.2	# of Bridges or Culverts:	1		<u>One Side</u>	<u>Both Sides</u>
	Total Length:	0.000		Berms & Roads:	
5.3	Armoring Length	<u>Left</u> <u>Right</u>	6.2	Dev. Length:	0.0000 0.0000
	Data Armoring:	None		Corridor Development Data:	
5.4	Straightening Length:			<u>Old</u>	<u>New</u>
	Straightening Data:	None	7.2	Bank Erosion:	N.D.
				Bank Height:	N.D.



Stream Geomorphic Assessment

Agency of Natural Resources



Vermont.gov

November, 24 2024

Phase 1 - FIT - Legacy Data Report

Winooski - Montpelier to Cabot

SGAT Version: 3

Reach: M4.06		<u>Step</u>	<u>Description</u>	<u>Value</u>
		5.5	Dredging History:	None
3.1	Alluvial Fan:	6.1	Berms & Roads Data:	None
3.2	Grade Control:		<u>One Side</u>	<u>Both Sides</u>
5.2	# of Bridges or Culverts:		Berms & Roads:	
	Total Length:	6.2	Dev. Length:	0.0000 0.0000
5.3	Armoring Length		Corridor Development Data:	
			<u>Old</u>	<u>New</u>
	Data Armoring:	7.2	Bank Erosion:	N.D.
5.4	Straightening Length:		Bank Height:	N.D.
	Straightening Data:			

Phase 1 - FIT - Legacy Data Report

Winooski - Montpelier to Cabot

SGAT Version: 3

Reach: M4.08		<u>Step</u>	<u>Description</u>	<u>Value</u>
		5.5	Dredging History:	None
3.1	Alluvial Fan:	6.1	Berms & Roads Data:	None
3.2	Grade Control:		<u>One Side</u>	<u>Both Sides</u>
5.2	# of Bridges or Culverts:		Berms & Roads:	
	Total Length:	6.2	Dev. Length:	0.0000 0.0000
5.3	Armoring Length		Corridor Development Data:	
			<u>Old</u>	<u>New</u>
	Data Armoring:	7.2	Bank Erosion:	N.D.
5.4	Straightening Length:		Bank Height:	N.D.
	Straightening Data:			



Stream Geomorphic Assessment

Agency of Natural Resources



Vermont.gov

November, 24 2024

Phase 1 - FIT - Legacy Data Report

Winooski - Montpelier to Cabot

SGAT Version: 3

Reach: R30			<u>Step</u> <u>Description</u> <u>Value</u>		
	<u>Step</u>	<u>Description</u>	<u>Value</u>		
3.1	Alluvial Fan:	None			
3.2	Grade Control:	None			
5.2	# of Bridges or Culverts:	3			
	Total Length:	44.000			
5.3	Armoring Length	<u>Left</u> <u>Right</u>			
		1174.48 2334.91			
		425 211			
	Data Armoring:				
5.4	Straightening Length:	6274.73242			
	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:	4423.4995	0.0000		
6.2	Dev. Length:	1748.9913	0.0000		
	Corridor Development Data:				
			<u>Old</u>	<u>New</u>	
7.2	Bank Erosion:	High	12085.270507		
			8		
	Bank Height:	Medium	5.657		

Phase 1 - FIT - Legacy Data Report

Winooski - Montpelier to Cabot

SGAT Version: 3

Reach: R31			<u>Step</u> <u>Description</u> <u>Value</u>		
	<u>Step</u>	<u>Description</u>	<u>Value</u>		
3.1	Alluvial Fan:	None			
3.2	Grade Control:	Weir			
5.2	# of Bridges or Culverts:	2			
	Total Length:	37.000			
5.3	Armoring Length	<u>Left</u> <u>Right</u>			
		0.00000 385.943			
		45			
	Data Armoring:				
5.4	Straightening Length:	958.69708			
	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:	2298.4233	0.0000		
6.2	Dev. Length:	682.2116	0.0000		
	Corridor Development Data:				
			<u>Old</u>	<u>New</u>	
7.2	Bank Erosion:	High	5161.0136719		
	Bank Height:	Medium	7.350		



Stream Geomorphic Assessment

Agency of Natural Resources



Vermont.gov

November, 24 2024

Phase 1 - FIT - Legacy Data Report

Winooski - Montpelier to Cabot

SGAT Version: 3

Reach: R32	<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:		
	5.2	# of Bridges or Culverts: 2			<u>One Side</u>	<u>Both Sides</u>	
		Total Length: 46.000			Berms & Roads: 4607.7305	0.0000	
	5.3	Armoring Length	<u>Left</u>	<u>Right</u>	6.2	Dev. Length: 334.3949	331.4105
			474.913	779.354		Corridor Development Data:	
			91	37		<u>Old</u>	<u>New</u>
		Data Armoring:			7.2	Bank Erosion: High	1038.8173828
	5.4	Straightening Length: 3996.12573				Bank Height: Medium	5.577
		Straightening Data:					

Phase 1 - FIT - Legacy Data Report

Winooski - Montpelier to Cabot

SGAT Version: 3

Reach: R33	<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: Multiple		6.1	Berms & Roads Data:		
	5.2	# of Bridges or Culverts: 4			<u>One Side</u>	<u>Both Sides</u>	
		Total Length: 90.000			Berms & Roads: 1001.8173	1316.6409	
	5.3	Armoring Length	<u>Left</u>	<u>Right</u>	6.2	Dev. Length: 357.3603	2196.1807
			2649.77	2664.81		Corridor Development Data:	
			661	079		<u>Old</u>	<u>New</u>
		Data Armoring:			7.2	Bank Erosion: None	0.0000000
	5.4	Straightening Length: 2664.81079				Bank Height: N.D.	0.000
		Straightening Data:					



Stream Geomorphic Assessment

Agency of Natural Resources



Vermont.gov

November, 24 2024

Phase 1 - FIT - Legacy Data Report

Winooski - Montpelier to Cabot

SGAT Version: 3

Reach: R34			<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>	
5.2	# of Bridges or Culverts:	0		Berms & Roads:	3921.1335 0.0000
	Total Length:	0.000	6.2	Dev. Length:	0.0000 807.9817
5.3	Armoring Length	<u>Left</u> <u>Right</u>		Corridor Development Data:	
		1126.23 1168.38		<u>Old</u> <u>New</u>	
		047 696	7.2	Bank Erosion:	N.S. 65.9155502
	Data Armoring:			Bank Height:	Medium 5.000
5.4	Straightening Length:	1819.90063			
	Straightening Data:				

Phase 1 - FIT - Legacy Data Report

Winooski - Montpelier to Cabot

SGAT Version: 3

Reach: M5.01			<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:	No Data		<u>One Side</u> <u>Both Sides</u>	
5.2	# of Bridges or Culverts:	1		Berms & Roads:	101.0000
	Total Length:	450.000	6.2	Dev. Length:	1373.0000 0.0000
5.3	Armoring Length	<u>Left</u> <u>Right</u>		Corridor Development Data:	
				<u>Old</u> <u>New</u>	
	Data Armoring:		7.2	Bank Erosion:	None
5.4	Straightening Length:	668.00000		Bank Height:	Medium
	Straightening Data:				



Stream Geomorphic Assessment

Agency of Natural Resources



Vermont.gov

November, 24 2024

Phase 1 - FIT - Legacy Data Report

Winooski - Montpelier to Cabot

SGAT Version: 3

Reach: M5.02		<u>Step</u>	<u>Description</u>	<u>Value</u>
		5.5	Dredging History:	None
3.1	Alluvial Fan:	6.1	Berms & Roads Data:	
			<u>One Side</u>	<u>Both Sides</u>
3.2	Grade Control:		Berms & Roads:	806.0000
		6.2	Dev. Length:	431.0000
5.2	# of Bridges or Culverts:		Corridor Development Data:	
			<u>Old</u>	<u>New</u>
	Total Length:	7.2	Bank Erosion:	None
			Bank Height:	Medium
5.3	Armoring Length			
	Data Armoring:			
5.4	Straightening Length:			
	Straightening Data:			None

Phase 1 - FIT - Legacy Data Report

Winooski - Montpelier to Cabot

SGAT Version: 3

Reach: M5.03		<u>Step</u>	<u>Description</u>	<u>Value</u>
		5.5	Dredging History:	None
3.1	Alluvial Fan:	6.1	Berms & Roads Data:	
			<u>One Side</u>	<u>Both Sides</u>
3.2	Grade Control:		Berms & Roads:	654.0000
5.2	# of Bridges or Culverts:	6.2	Dev. Length:	0.0000
			Corridor Development Data:	
	Total Length:		<u>Old</u>	<u>New</u>
		7.2	Bank Erosion:	Low
5.3	Armoring Length		Bank Height:	Medium
	Data Armoring:			
5.4	Straightening Length:			
	Straightening Data:			None



Stream Geomorphic Assessment

Agency of Natural Resources



Vermont.gov

November, 24 2024

Phase 1 - FIT - Legacy Data Report

Winooski - Montpelier to Cabot

SGAT Version: 3

Reach: M5.04		<u>Step</u>	<u>Description</u>	<u>Value</u>
		5.5	Dredging History:	None
3.1	Alluvial Fan:	6.1	Berms & Roads Data:	
			<u>One Side</u>	<u>Both Sides</u>
3.2	Grade Control:		Berms & Roads:	1824.0000
		6.2	Dev. Length:	479.0000
5.2	# of Bridges or Culverts:		Corridor Development Data:	
			<u>Old</u>	<u>New</u>
	Total Length:	7.2	Bank Erosion:	Low
			Bank Height:	Medium
5.3	Armoring Length			
	Data Armoring:			
5.4	Straightening Length:			
	Straightening Data:			

Phase 1 - FIT - Legacy Data Report

Winooski - Montpelier to Cabot

SGAT Version: 3

Reach: M5.05		<u>Step</u>	<u>Description</u>	<u>Value</u>
		5.5	Dredging History:	None
3.1	Alluvial Fan:	6.1	Berms & Roads Data:	None
			<u>One Side</u>	<u>Both Sides</u>
3.2	Grade Control:		Berms & Roads:	
		6.2	Dev. Length:	256.0000
5.2	# of Bridges or Culverts:		Corridor Development Data:	
			<u>Old</u>	<u>New</u>
	Total Length:	7.2	Bank Erosion:	Low
			Bank Height:	Low
5.3	Armoring Length			
	Data Armoring:			
5.4	Straightening Length:			
	Straightening Data:			