Phase 2 - FIT - Legacy Data Report

Castleton River

SGAT Version: **3**

Reach: **T02.11-s1.01 -0**

Step	Description	Value	
1.2	Alluvial Fan:	**Yes**	
1.3	Encroachments - Side	One	Both
	Berm Length (ft.):	**1,307.9**	**0.0**
	Path Length (ft.):	**0.0**	**0.0**
	Road Length (ft.):	**0.0**	**0.0**
	Railroad Lenth (ft.):	**0.0**	**0.0**
	Development Length:	**0.0**	**0.0**
3.1	Erosion - Bank	Left	Right
	Erosion Length (ft.):	**0.0**	**0.0**
	Erosion Height (ft.):	**0.0**	**0.0**
	Revetment Type:	**None**	**None**
	Revetment length:	**0.0**	**0.0**
3.2	Buffer Less Than 25 ft.		
3.3	Riparian Corridor		
	Mass Failures:	**None**	
	Average Height (ft.):	**0.0**	
	Gullies:	**None**	
	Average Height (ft.):	**0.0**	

Step	Description	Value
4.4	Number of Debris Jams:	**1**
4.7	Stormwater Inputs	**1**
4.9	Beaver Dams:	**0**
	Affected length:	**0**
5.2	Migration Features	
	Flood Chutes:	**2**
	Neck Cutoffs:	**0**
	Channel Avulsions:	**0**
	Braiding:	**0**
5.3	Steep Riffles and Head Cuts	
	Steep Riffles:	**0**
	Head Cuts:	**0**
5.4	Animal Crossings:	**Yes**
5.5	Channel Alterations	
	Straightening:	**Straightening**
	Dredging:	**Dredging,Gravel Mining,Gravel Mining**

Phase 2 - FIT - Legacy Data Report

Castleton River

SGAT Version: **3**

Reach: **T02.09-s1.04 -B**

Step	Description	Value		Step	Description	Value	
1.2	Alluvial Fan:	**None**		4.4	Number of Debris Jams:	**0**	
1.3	Encroachments - Side	One	Both	4.7	Stormwater Inputs	**0**	
	Berm Length (ft.):	**0.0**	**0.0**	4.9	Beaver Dams:	**0**	
	Path Length (ft.):	**0.0**	**0.0**		Affected length:	**0**	
	Road Length (ft.):	**0.0**	**0.0**	5.2	Migration Features		
	Railroad Lenth (ft.):	**0.0**	**0.0**		Flood Chutes:	**0**	
	Development Length:	**0.0**	**0.0**		Neck Cutoffs:	**0**	
3.1	Erosion - Bank	Left	Right		Channel Avulsions:	**0**	
	Erosion Length (ft.):	**0.0**	**0.0**		Braiding:	**0**	
	Erosion Height (ft.):	**0.0**	**0.0**	5.3	Steep Riffles and Head Cuts		
	Revetment Type:	**None**	**None**		Steep Riffles:	**0**	
	Revetment length:	**0.0**	**0.0**		Head Cuts:	**0**	
3.2	Buffer Less Than 25 ft.	**0**	**0**	5.4	Animal Crossings:	**No**	
3.3	Riparian Corridor			5.5	Channel Alterations		
	Mass Failures:	**None**			Straightening:	**None**	
	Average Height (ft.):				Dredging:	**None**	
	Gullies:	**None**					
	Average Height (ft.):						

Phase 2 - FIT - Legacy Data Report

Castleton River

SGAT Version: **3**

Reach: **T02.09-s1.04 -E**

Step	Description	Value	
1.2	Alluvial Fan:	**None**	
1.3	Encroachments - Side	One	Both
	Berm Length (ft.):	**0.0**	**0.0**
	Path Length (ft.):	**0.0**	**0.0**
	Road Length (ft.):	**0.0**	**0.0**
	Railroad Lenth (ft.):	**0.0**	**0.0**
	Development Length:	**0.0**	**0.0**
3.1	Erosion - Bank	Left	Right
	Erosion Length (ft.):	**526.8**	**250.6**
	Erosion Height (ft.):	**4.0**	**4.4**
	Revetment Type:	**Rip-Rap**	**None**
	Revetment length:	**21.5**	**0.0**
3.2	Buffer Less Than 25 ft.	**0**	**0**
3.3	Riparian Corridor		
	Mass Failures:	**None**	
	Average Height (ft.):		
	Gullies:	**None**	
	Average Height (ft.):		

Step	Description	Value
4.4	Number of Debris Jams:	**4**
4.7	Stormwater Inputs	**0**
4.9	Beaver Dams:	**0**
	Affected length:	**0**
5.2	Migration Features	
	Flood Chutes:	**1**
	Neck Cutoffs:	**0**
	Channel Avulsions:	**0**
	Braiding:	**0**
5.3	Steep Riffles and Head Cuts	
	Steep Riffles:	**0**
	Head Cuts:	**0**
5.4	Animal Crossings:	**Yes**
5.5	Channel Alterations	
	Straightening:	**Straightening**
	Dredging:	**None**

Phase 2 - FIT - Legacy Data Report

Castleton River

SGAT Version: **3**

Reach: **T02.09-s1.01 -B**

Step	Description	Value	
1.2	Alluvial Fan:	**None**	
1.3	Encroachments - Side	One	Both
	Berm Length (ft.):	**0.0**	**0.0**
	Path Length (ft.):	**0.0**	**0.0**
	Road Length (ft.):	**1,402.1**	**0.0**
	Railroad Lenth (ft.):	**0.0**	**0.0**
	Development Length:	**0.0**	**86.1**
3.1	Erosion - Bank	Left	Right
	Erosion Length (ft.):	**147.0**	**57.7**
	Erosion Height (ft.):	**5.0**	**2.0**
	Revetment Type:	**Rip-Rap**	**Rip-Rap**
	Revetment length:	**56.5**	**252.6**
3.2	Buffer Less Than 25 ft.	**0**	**0**
3.3	Riparian Corridor		
	Mass Failures:	**None**	
	Average Height (ft.):		
	Gullies:	**None**	
	Average Height (ft.):		

Step	Description	Value
4.4	Number of Debris Jams:	**2**
4.7	Stormwater Inputs	**0**
4.9	Beaver Dams:	**0**
	Affected length:	**0**
5.2	Migration Features	
	Flood Chutes:	**0**
	Neck Cutoffs:	**0**
	Channel Avulsions:	**0**
	Braiding:	**0**
5.3	Steep Riffles and Head Cuts	
	Steep Riffles:	**2**
	Head Cuts:	**0**
5.4	Animal Crossings:	**Yes**
5.5	Channel Alterations	
	Straightening:	**Straightening**
	Dredging:	**None**

Phase 2 - FIT - Legacy Data Report

Castleton River

SGAT Version: **3**

Reach: **T02.11-s1.04 -C**

Step	Description	Value	
1.2	Alluvial Fan:	**None**	
1.3	Encroachments - Side	One	Both
	Berm Length (ft.):	**0.0**	**0.0**
	Path Length (ft.):	**0.0**	**0.0**
	Road Length (ft.):	**0.0**	**0.0**
	Railroad Lenth (ft.):	**0.0**	**0.0**
	Development Length:	**32.9**	**26.4**
3.1	Erosion - Bank	Left	Right
	Erosion Length (ft.):	**0.0**	**20.8**
	Erosion Height (ft.):	**0.0**	**1.0**
	Revetment Type:	**Hard Bank**	**Hard Bank**
	Revetment length:	**14.6**	**15.5**
3.2	Buffer Less Than 25 ft.		
3.3	Riparian Corridor		
	Mass Failures:	**None**	
	Average Height (ft.):	**0.0**	
	Gullies:	**None**	
	Average Height (ft.):	**0.0**	

Step	Description	Value
4.4	Number of Debris Jams:	**6**
4.7	Stormwater Inputs	**0**
4.9	Beaver Dams:	**0**
	Affected length:	**0**
5.2	Migration Features	
	Flood Chutes:	**2**
	Neck Cutoffs:	**0**
	Channel Avulsions:	**0**
	Braiding:	**0**
5.3	Steep Riffles and Head Cuts	
	Steep Riffles:	**0**
	Head Cuts:	**0**
5.4	Animal Crossings:	**No**
5.5	Channel Alterations	
	Straightening:	**Straightening**
	Dredging:	**None**

Phase 2 - FIT - Legacy Data Report

Castleton River

SGAT Version: **3**

Reach: **T02.08-s1.04 -A**

Step	Description	Value	
1.2	Alluvial Fan:	**None**	
1.3	Encroachments - Side	One	Both
	Berm Length (ft.):	**0.0**	**0.0**
	Path Length (ft.):	**0.0**	**0.0**
	Road Length (ft.):	**0.0**	**0.0**
	Railroad Lenth (ft.):	**0.0**	**0.0**
	Development Length:	**0.0**	**0.0**
3.1	Erosion - Bank	Left	Right
	Erosion Length (ft.):	**0.0**	**11.6**
	Erosion Height (ft.):	**0.0**	**3.0**
	Revetment Type:	**None**	**None**
	Revetment length:	**0.0**	**0.0**
3.2	Buffer Less Than 25 ft.		
3.3	Riparian Corridor		
	Mass Failures:	**None**	
	Average Height (ft.):	**0.0**	
	Gullies:	**None**	
	Average Height (ft.):	**0.0**	

Step	Description	Value
4.4	Number of Debris Jams:	**2**
4.7	Stormwater Inputs	**0**
4.9	Beaver Dams:	**0**
	Affected length:	**0**
5.2	Migration Features	
	Flood Chutes:	**0**
	Neck Cutoffs:	**0**
	Channel Avulsions:	**0**
	Braiding:	**0**
5.3	Steep Riffles and Head Cuts	
	Steep Riffles:	**0**
	Head Cuts:	**0**
5.4	Animal Crossings:	**No**
5.5	Channel Alterations	
	Straightening:	**None**
	Dredging:	**None**

Phase 2 - FIT - Legacy Data Report

Castleton River

SGAT Version: **3**

Reach: **T02.08-s1.04 -C**

Step	Description	Value	
1.2	Alluvial Fan:	**None**	
1.3	Encroachments - Side	One	Both
	Berm Length (ft.):	**0.0**	**0.0**
	Path Length (ft.):	**0.0**	**0.0**
	Road Length (ft.):	**0.0**	**0.0**
	Railroad Lenth (ft.):	**0.0**	**0.0**
	Development Length:	**0.0**	**0.0**
3.1	Erosion - Bank	Left	Right
	Erosion Length (ft.):	**0.0**	**0.0**
	Erosion Height (ft.):	**0.0**	**0.0**
	Revetment Type:	**None**	**None**
	Revetment length:	**0.0**	**0.0**
3.2	Buffer Less Than 25 ft.		
3.3	Riparian Corridor		
	Mass Failures:	**None**	
	Average Height (ft.):	**0.0**	
	Gullies:	**None**	
	Average Height (ft.):	**0.0**	

Step	Description	Value
4.4	Number of Debris Jams:	**2**
4.7	Stormwater Inputs	**0**
4.9	Beaver Dams:	**0**
	Affected length:	**0**
5.2	Migration Features	
	Flood Chutes:	**0**
	Neck Cutoffs:	**0**
	Channel Avulsions:	**0**
	Braiding:	**0**
5.3	Steep Riffles and Head Cuts	
	Steep Riffles:	**0**
	Head Cuts:	**0**
5.4	Animal Crossings:	**Yes**
5.5	Channel Alterations	
	Straightening:	**None**
	Dredging:	**None**

Phase 2 - FIT - Legacy Data Report

Castleton River

SGAT Version: **3**

Reach: **T02.08-s1.01 -B**

Step	Description	Value	
1.2	Alluvial Fan:	**None**	
1.3	Encroachments - Side	One	Both
	Berm Length (ft.):	**0.0**	**0.0**
	Path Length (ft.):	**0.0**	**0.0**
	Road Length (ft.):	**0.0**	**0.0**
	Railroad Lenth (ft.):	**0.0**	**0.0**
	Development Length:	**375.9**	**0.0**
3.1	Erosion - Bank	Left	Right
	Erosion Length (ft.):	**136.1**	**276.8**
	Erosion Height (ft.):	**1.0**	**1.0**
	Revetment Type:	**None**	**None**
	Revetment length:	**0.0**	**0.0**
3.2	Buffer Less Than 25 ft.		
3.3	Riparian Corridor		
	Mass Failures:	**None**	
	Average Height (ft.):	**0.0**	
	Gullies:	**None**	
	Average Height (ft.):	**0.0**	

Step	Description	Value
4.4	Number of Debris Jams:	**5**
4.7	Stormwater Inputs	**1**
4.9	Beaver Dams:	**0**
	Affected length:	**0**
5.2	Migration Features	
	Flood Chutes:	**1**
	Neck Cutoffs:	**0**
	Channel Avulsions:	**0**
	Braiding:	**0**
5.3	Steep Riffles and Head Cuts	
	Steep Riffles:	**1**
	Head Cuts:	**0**
5.4	Animal Crossings:	**No**
5.5	Channel Alterations	
	Straightening:	**None**
	Dredging:	**None**

Phase 2 - FIT - Legacy Data Report

Castleton River

SGAT Version: **3**

Reach: **T02.08-s1.01 -E**

Step	Description	Value	
1.2	Alluvial Fan:	**Yes**	
1.3	Encroachments - Side	One	Both
	Berm Length (ft.):	**0.0**	**0.0**
	Path Length (ft.):	**0.0**	**0.0**
	Road Length (ft.):	**0.0**	**0.0**
	Railroad Lenth (ft.):	**168.0**	**0.0**
	Development Length:	**57.0**	**63.3**
3.1	Erosion - Bank	Left	Right
	Erosion Length (ft.):	**302.8**	**23.8**
	Erosion Height (ft.):	**4.1**	**3.6**
	Revetment Type:	**Rip-Rap**	**Rip-Rap**
	Revetment length:	**38.5**	**38.7**
3.2	Buffer Less Than 25 ft.		
3.3	Riparian Corridor		
	Mass Failures:	**None**	
	Average Height (ft.):	**0.0**	
	Gullies:	**None**	
	Average Height (ft.):	**0.0**	

Step	Description	Value
4.4	Number of Debris Jams:	**8**
4.7	Stormwater Inputs	**0**
4.9	Beaver Dams:	**0**
	Affected length:	**0**
5.2	Migration Features	
	Flood Chutes:	**3**
	Neck Cutoffs:	**0**
	Channel Avulsions:	**0**
	Braiding:	**1**
5.3	Steep Riffles and Head Cuts	
	Steep Riffles:	**1**
	Head Cuts:	**0**
5.4	Animal Crossings:	**No**
5.5	Channel Alterations	
	Straightening:	**Straightening**
	Dredging:	**None**

Phase 2 - FIT - Legacy Data Report

Castleton River

SGAT Version: **3**

Reach: **T02.09-s1.02 -A**

Step	Description	Value	
1.2	Alluvial Fan:	**None**	
1.3	Encroachments - Side	One	Both
	Berm Length (ft.):	**0.0**	**0.0**
	Path Length (ft.):	**0.0**	**0.0**
	Road Length (ft.):	**0.0**	**0.0**
	Railroad Lenth (ft.):	**0.0**	**0.0**
	Development Length:	**90.9**	**23.4**
3.1	Erosion - Bank	Left	Right
	Erosion Length (ft.):	**0.0**	**0.0**
	Erosion Height (ft.):	**0.0**	**0.0**
	Revetment Type:	**None**	**None**
	Revetment length:	**0.0**	**0.0**
3.2	Buffer Less Than 25 ft.	**0**	**0**
3.3	Riparian Corridor		
	Mass Failures:	**None**	
	Average Height (ft.):		
	Gullies:	**None**	
	Average Height (ft.):		

Step	Description	Value
4.4	Number of Debris Jams:	**0**
4.7	Stormwater Inputs	**0**
4.9	Beaver Dams:	**1**
	Affected length:	**0**
5.2	Migration Features	
	Flood Chutes:	**0**
	Neck Cutoffs:	**0**
	Channel Avulsions:	**0**
	Braiding:	**0**
5.3	Steep Riffles and Head Cuts	
	Steep Riffles:	**0**
	Head Cuts:	**0**
5.4	Animal Crossings:	**No**
5.5	Channel Alterations	
	Straightening:	**None**
	Dredging:	**None**

Phase 2 - FIT - Legacy Data Report

Castleton River

SGAT Version: **3**

Reach: **T02.08-s1.01 -A**

Step	Description	Value	
1.2	Alluvial Fan:	**None**	
1.3	Encroachments - Side	One	Both
	Berm Length (ft.):	**156.3**	**0.0**
	Path Length (ft.):	**0.0**	**0.0**
	Road Length (ft.):	**432.0**	**0.0**
	Railroad Lenth (ft.):	**0.0**	**0.0**
	Development Length:	**111.4**	**94.2**
3.1	Erosion - Bank	Left	Right
	Erosion Length (ft.):	**0.0**	**0.0**
	Erosion Height (ft.):	**0.0**	**0.0**
	Revetment Type:	**Rip-Rap**	**Rip-Rap**
	Revetment length:	**49.5**	**225.0**
3.2	Buffer Less Than 25 ft.		
3.3	Riparian Corridor		
	Mass Failures:	**None**	
	Average Height (ft.):	**0.0**	
	Gullies:	**None**	
	Average Height (ft.):	**0.0**	

Step	Description	Value
4.4	Number of Debris Jams:	**1**
4.7	Stormwater Inputs	**0**
4.9	Beaver Dams:	**0**
	Affected length:	**0**
5.2	Migration Features	
	Flood Chutes:	**0**
	Neck Cutoffs:	**0**
	Channel Avulsions:	**0**
	Braiding:	**0**
5.3	Steep Riffles and Head Cuts	
	Steep Riffles:	**0**
	Head Cuts:	**0**
5.4	Animal Crossings:	**No**
5.5	Channel Alterations	
	Straightening:	**Straightening**
	Dredging:	**Dredging**

Phase 2 - FIT - Legacy Data Report

Castleton River

SGAT Version: **3**

Reach: **T02.04 -0**

Step	Description	Value	
1.2	Alluvial Fan:	**None**	
1.3	Encroachments - Side	One	Both
	Berm Length (ft.):	**0.0**	**0.0**
	Path Length (ft.):	**0.0**	**0.0**
	Road Length (ft.):	**979.3**	**340.4**
	Railroad Lenth (ft.):	**2,582.2**	**0.0**
	Development Length:	**507.8**	**407.5**
3.1	Erosion - Bank	Left	Right
	Erosion Length (ft.):	**65.8**	**76.0**
	Erosion Height (ft.):	**5.0**	**4.0**
	Revetment Type:	**Rip-Rap**	**Rip-Rap**
	Revetment length:	**805.7**	**266.7**
3.2	Buffer Less Than 25 ft.	**0**	**0**
3.3	Riparian Corridor		
	Mass Failures:	**None**	
	Average Height (ft.):		
	Gullies:	**None**	
	Average Height (ft.):		

Step	Description	Value
4.4	Number of Debris Jams:	**2**
4.7	Stormwater Inputs	**1**
4.9	Beaver Dams:	**0**
	Affected length:	**0**
5.2	Migration Features	
	Flood Chutes:	**0**
	Neck Cutoffs:	**0**
	Channel Avulsions:	**0**
	Braiding:	**0**
5.3	Steep Riffles and Head Cuts	
	Steep Riffles:	**0**
	Head Cuts:	**0**
5.4	Animal Crossings:	**No**
5.5	Channel Alterations	
	Straightening:	**Straightening**
	Dredging:	**None**

Phase 2 - FIT - Legacy Data Report

Castleton River

SGAT Version: **3**

Reach: **T02.08-s1.01 -D**

Step	Description	Value	
1.2	Alluvial Fan:	**None**	
1.3	Encroachments - Side	One	Both
	Berm Length (ft.):	**44.6**	**0.0**
	Path Length (ft.):	**0.0**	**0.0**
	Road Length (ft.):	**0.0**	**0.0**
	Railroad Lenth (ft.):	**479.5**	**0.0**
	Development Length:	**0.0**	**42.4**
3.1	Erosion - Bank	Left	Right
	Erosion Length (ft.):	**73.4**	**71.6**
	Erosion Height (ft.):	**1.0**	**3.0**
	Revetment Type:	**Rip-Rap**	**Rip-Rap**
	Revetment length:	**16.9**	**92.6**
3.2	Buffer Less Than 25 ft.		
3.3	Riparian Corridor		
	Mass Failures:	**None**	
	Average Height (ft.):	**0.0**	
	Gullies:	**None**	
	Average Height (ft.):	**0.0**	

Step	Description	Value
4.4	Number of Debris Jams:	**0**
4.7	Stormwater Inputs	**0**
4.9	Beaver Dams:	**0**
	Affected length:	**0**
5.2	Migration Features	
	Flood Chutes:	**2**
	Neck Cutoffs:	**0**
	Channel Avulsions:	**0**
	Braiding:	**0**
5.3	Steep Riffles and Head Cuts	
	Steep Riffles:	**0**
	Head Cuts:	**0**
5.4	Animal Crossings:	**No**
5.5	Channel Alterations	
	Straightening:	**Straightening**
	Dredging:	**None**

Phase 2 - FIT - Legacy Data Report

Castleton River

SGAT Version: **3**

Reach: **T02.09 -A**

Step	Description	Value	
1.2	Alluvial Fan:	**None**	
1.3	Encroachments - Side	One	Both
	Berm Length (ft.):	**0.0**	**0.0**
	Path Length (ft.):	**0.0**	**0.0**
	Road Length (ft.):	**0.0**	**373.7**
	Railroad Lenth (ft.):	**386.7**	**0.0**
	Development Length:	**1,140.1**	**309.4**
3.1	Erosion - Bank	Left	Right
	Erosion Length (ft.):	**945.8**	**880.7**
	Erosion Height (ft.):	**2.9**	**3.1**
	Revetment Type:	**Rip-Rap**	**Rip-Rap**
	Revetment length:	**96.5**	**434.9**
3.2	Buffer Less Than 25 ft.	**0**	**0**
3.3	Riparian Corridor		
	Mass Failures:	**None**	
	Average Height (ft.):		
	Gullies:	**None**	
	Average Height (ft.):		

Step	Description	Value
4.4	Number of Debris Jams:	**6**
4.7	Stormwater Inputs	**0**
4.9	Beaver Dams:	**0**
	Affected length:	**0**
5.2	Migration Features	
	Flood Chutes:	**6**
	Neck Cutoffs:	**1**
	Channel Avulsions:	**0**
	Braiding:	**0**
5.3	Steep Riffles and Head Cuts	
	Steep Riffles:	**1**
	Head Cuts:	**1**
5.4	Animal Crossings:	**No**
5.5	Channel Alterations	
	Straightening:	**Straightening**
	Dredging:	**None**

Phase 2 - FIT - Legacy Data Report

Castleton River

SGAT Version: **3**

Reach: **T02.09-s1.01 -A**

Step	Description	Value	
1.2	Alluvial Fan:	**None**	
1.3	Encroachments - Side	One	Both
	Berm Length (ft.):	**0.0**	**0.0**
	Path Length (ft.):	**0.0**	**0.0**
	Road Length (ft.):	**14.7**	**0.0**
	Railroad Lenth (ft.):	**1,605.8**	**0.0**
	Development Length:	**748.2**	**708.2**
3.1	Erosion - Bank	Left	Right
	Erosion Length (ft.):	**183.5**	**489.3**
	Erosion Height (ft.):	**5.0**	**4.3**
	Revetment Type:	**Multiple**	**Hard Bank**
	Revetment length:	**1,842.0**	**502.8**
3.2	Buffer Less Than 25 ft.	**0**	**0**
3.3	Riparian Corridor		
	Mass Failures:	**None**	
	Average Height (ft.):		
	Gullies:	**None**	
	Average Height (ft.):		

Step	Description	Value
4.4	Number of Debris Jams:	**2**
4.7	Stormwater Inputs	**1**
4.9	Beaver Dams:	**0**
	Affected length:	**0**
5.2	Migration Features	
	Flood Chutes:	**1**
	Neck Cutoffs:	**0**
	Channel Avulsions:	**0**
	Braiding:	**0**
5.3	Steep Riffles and Head Cuts	
	Steep Riffles:	**1**
	Head Cuts:	**0**
5.4	Animal Crossings:	**No**
5.5	Channel Alterations	
	Straightening:	**Straightening**
	Dredging:	**None**

Phase 2 - FIT - Legacy Data Report

Castleton River

SGAT Version: **3**

Reach: **T02.08-s1.05 -D**

Step	Description	Value	
1.2	Alluvial Fan:	**None**	
1.3	Encroachments - Side	One	Both
	Berm Length (ft.):	**0.0**	**0.0**
	Path Length (ft.):	**0.0**	**0.0**
	Road Length (ft.):	**0.0**	**0.0**
	Railroad Lenth (ft.):	**0.0**	**0.0**
	Development Length:	**0.0**	**0.0**
3.1	Erosion - Bank	Left	Right
	Erosion Length (ft.):	**10.0**	**157.7**
	Erosion Height (ft.):	**2.0**	**2.0**
	Revetment Type:	**None**	**None**
	Revetment length:	**0.0**	**0.0**
3.2	Buffer Less Than 25 ft.		
3.3	Riparian Corridor		
	Mass Failures:	**None**	
	Average Height (ft.):	**0.0**	
	Gullies:	**None**	
	Average Height (ft.):	**0.0**	

Step	Description	Value
4.4	Number of Debris Jams:	**1**
4.7	Stormwater Inputs	**1**
4.9	Beaver Dams:	**0**
	Affected length:	**0**
5.2	Migration Features	
	Flood Chutes:	**1**
	Neck Cutoffs:	**1**
	Channel Avulsions:	**0**
	Braiding:	**0**
5.3	Steep Riffles and Head Cuts	
	Steep Riffles:	**0**
	Head Cuts:	**1**
5.4	Animal Crossings:	**Yes**
5.5	Channel Alterations	
	Straightening:	**Straightening**
	Dredging:	**Dredging**

Phase 2 - FIT - Legacy Data Report

Castleton River

SGAT Version: **3**

Reach: **T02.01 -0**

Step	Description	Value	
1.2	Alluvial Fan:	**None**	
1.3	Encroachments - Side	One	Both
	Berm Length (ft.):	**0.0**	**0.0**
	Path Length (ft.):	**0.0**	**0.0**
	Road Length (ft.):	**283.0**	**0.0**
	Railroad Lenth (ft.):	**0.0**	**0.0**
	Development Length:	**0.0**	**307.1**
3.1	Erosion - Bank	Left	Right
	Erosion Length (ft.):	**124.1**	**114.6**
	Erosion Height (ft.):	**8.0**	**16.0**
	Revetment Type:	**None**	**None**
	Revetment length:	**0.0**	**0.0**
3.2	Buffer Less Than 25 ft.		
3.3	Riparian Corridor		
	Mass Failures:	**Multiple**	
	Average Height (ft.):	**15.5**	
	Gullies:	**None**	
	Average Height (ft.):	**0.0**	

Step	Description	Value
4.4	Number of Debris Jams:	**1**
4.7	Stormwater Inputs	**0**
4.9	Beaver Dams:	**0**
	Affected length:	**0**
5.2	Migration Features	
	Flood Chutes:	**2**
	Neck Cutoffs:	**0**
	Channel Avulsions:	**0**
	Braiding:	**0**
5.3	Steep Riffles and Head Cuts	
	Steep Riffles:	**1**
	Head Cuts:	**0**
5.4	Animal Crossings:	**Yes**
5.5	Channel Alterations	
	Straightening:	**Straightening**
	Dredging:	**None**

Phase 2 - FIT - Legacy Data Report

Castleton River

SGAT Version: **3**

Reach: **T02.06 -0**

Step	Description	Value	
1.2	Alluvial Fan:	**None**	
1.3	Encroachments - Side	One	Both
	Berm Length (ft.):	**0.0**	**0.0**
	Path Length (ft.):	**0.0**	**0.0**
	Road Length (ft.):	**475.4**	**0.0**
	Railroad Lenth (ft.):	**0.0**	**0.0**
	Development Length:	**212.6**	**101.0**
3.1	Erosion - Bank	Left	Right
	Erosion Length (ft.):	**1,972.3**	**1,047.0**
	Erosion Height (ft.):	**4.0**	**4.0**
	Revetment Type:	**Rip-Rap**	**Rip-Rap**
	Revetment length:	**292.7**	**813.3**
3.2	Buffer Less Than 25 ft.	**0**	**0**
3.3	Riparian Corridor		
	Mass Failures:	**None**	
	Average Height (ft.):		
	Gullies:	**None**	
	Average Height (ft.):		

Step	Description	Value
4.4	Number of Debris Jams:	**7**
4.7	Stormwater Inputs	**0**
4.9	Beaver Dams:	**2**
	Affected length:	**550**
5.2	Migration Features	
	Flood Chutes:	**2**
	Neck Cutoffs:	**1**
	Channel Avulsions:	**0**
	Braiding:	**0**
5.3	Steep Riffles and Head Cuts	
	Steep Riffles:	**0**
	Head Cuts:	**0**
5.4	Animal Crossings:	**No**
5.5	Channel Alterations	
	Straightening:	**Straightening**
	Dredging:	**None**

Phase 2 - FIT - Legacy Data Report

Castleton River

SGAT Version: **3**

Reach: **T02.08-s1.01 -C**

Step	Description	Value	
1.2	Alluvial Fan:	**None**	
1.3	Encroachments - Side	One	Both
	Berm Length (ft.):	**0.0**	**0.0**
	Path Length (ft.):	**0.0**	**0.0**
	Road Length (ft.):	**0.0**	**0.0**
	Railroad Lenth (ft.):	**0.0**	**0.0**
	Development Length:	**283.4**	**0.0**
3.1	Erosion - Bank	Left	Right
	Erosion Length (ft.):	**0.0**	**0.0**
	Erosion Height (ft.):	**0.0**	**0.0**
	Revetment Type:	**None**	**None**
	Revetment length:	**0.0**	**0.0**
3.2	Buffer Less Than 25 ft.		
3.3	Riparian Corridor		
	Mass Failures:	**None**	
	Average Height (ft.):	**0.0**	
	Gullies:	**None**	
	Average Height (ft.):	**0.0**	

Step	Description	Value
4.4	Number of Debris Jams:	**2**
4.7	Stormwater Inputs	**2**
4.9	Beaver Dams:	**0**
	Affected length:	**0**
5.2	Migration Features	
	Flood Chutes:	**0**
	Neck Cutoffs:	**0**
	Channel Avulsions:	**0**
	Braiding:	**0**
5.3	Steep Riffles and Head Cuts	
	Steep Riffles:	**0**
	Head Cuts:	**0**
5.4	Animal Crossings:	**No**
5.5	Channel Alterations	
	Straightening:	**None**
	Dredging:	**None**

Phase 2 - FIT - Legacy Data Report

Castleton River

SGAT Version: **3**

Reach: **T02.09-s1.05 -0**

Step	Description	Value	
1.2	Alluvial Fan:	**None**	
1.3	Encroachments - Side	One	Both
	Berm Length (ft.):	**0.0**	**0.0**
	Path Length (ft.):	**0.0**	**0.0**
	Road Length (ft.):	**0.0**	**0.0**
	Railroad Lenth (ft.):	**0.0**	**0.0**
	Development Length:	**0.0**	**0.0**
3.1	Erosion - Bank	Left	Right
	Erosion Length (ft.):	**278.8**	**306.3**
	Erosion Height (ft.):	**1.8**	**1.7**
	Revetment Type:	**Rip-Rap**	**Rip-Rap**
	Revetment length:	**81.9**	**37.5**
3.2	Buffer Less Than 25 ft.	**0**	**0**
3.3	Riparian Corridor		
	Mass Failures:	**None**	
	Average Height (ft.):		
	Gullies:	**None**	
	Average Height (ft.):		

Step	Description	Value
4.4	Number of Debris Jams:	**1**
4.7	Stormwater Inputs	**0**
4.9	Beaver Dams:	**1**
	Affected length:	**200**
5.2	Migration Features	
	Flood Chutes:	**1**
	Neck Cutoffs:	**0**
	Channel Avulsions:	**0**
	Braiding:	**0**
5.3	Steep Riffles and Head Cuts	
	Steep Riffles:	**0**
	Head Cuts:	**0**
5.4	Animal Crossings:	**Yes**
5.5	Channel Alterations	
	Straightening:	**Straightening**
	Dredging:	**None**

Phase 2 - FIT - Legacy Data Report

Castleton River

SGAT Version: **3**

Reach: **T02.11-s1.04 -D**

Step	Description	Value	
1.2	Alluvial Fan:	**None**	
1.3	Encroachments - Side	One	Both
	Berm Length (ft.):	**0.0**	**0.0**
	Path Length (ft.):	**0.0**	**0.0**
	Road Length (ft.):	**0.0**	**0.0**
	Railroad Lenth (ft.):	**0.0**	**0.0**
	Development Length:	**35.1**	**15.9**
3.1	Erosion - Bank	Left	Right
	Erosion Length (ft.):	**68.3**	**0.0**
	Erosion Height (ft.):	**4.7**	**0.0**
	Revetment Type:	**Rip-Rap**	**Rip-Rap**
	Revetment length:	**26.8**	**17.3**
3.2	Buffer Less Than 25 ft.		
3.3	Riparian Corridor		
	Mass Failures:	**None**	
	Average Height (ft.):	**0.0**	
	Gullies:	**None**	
	Average Height (ft.):	**0.0**	

Step	Description	Value
4.4	Number of Debris Jams:	**5**
4.7	Stormwater Inputs	**0**
4.9	Beaver Dams:	**0**
	Affected length:	**0**
5.2	Migration Features	
	Flood Chutes:	**3**
	Neck Cutoffs:	**0**
	Channel Avulsions:	**0**
	Braiding:	**0**
5.3	Steep Riffles and Head Cuts	
	Steep Riffles:	**0**
	Head Cuts:	**0**
5.4	Animal Crossings:	**Yes**
5.5	Channel Alterations	
	Straightening:	**Straightening**
	Dredging:	**None**

Phase 2 - FIT - Legacy Data Report

Castleton River

SGAT Version: **3**

Reach: **T02.09-s1.02 -B**

Step	Description	Value	
1.2	Alluvial Fan:	**None**	
1.3	Encroachments - Side	One	Both
	Berm Length (ft.):	**0.0**	**0.0**
	Path Length (ft.):	**0.0**	**0.0**
	Road Length (ft.):	**1,322.1**	**0.0**
	Railroad Lenth (ft.):	**0.0**	**0.0**
	Development Length:	**53.7**	**0.0**
3.1	Erosion - Bank	Left	Right
	Erosion Length (ft.):	**496.6**	**684.4**
	Erosion Height (ft.):	**1.6**	**2.0**
	Revetment Type:	**Rip-Rap**	**None**
	Revetment length:	**49.3**	**0.0**
3.2	Buffer Less Than 25 ft.	**0**	**0**
3.3	Riparian Corridor		
	Mass Failures:	**One**	
	Average Height (ft.):	**20.0**	
	Gullies:	**None**	
	Average Height (ft.):		

Step	Description	Value
4.4	Number of Debris Jams:	**10**
4.7	Stormwater Inputs	**1**
4.9	Beaver Dams:	**0**
	Affected length:	**0**
5.2	Migration Features	
	Flood Chutes:	**2**
	Neck Cutoffs:	**1**
	Channel Avulsions:	**1**
	Braiding:	**0**
5.3	Steep Riffles and Head Cuts	
	Steep Riffles:	**1**
	Head Cuts:	**0**
5.4	Animal Crossings:	**Yes**
5.5	Channel Alterations	
	Straightening:	**Straightening**
	Dredging:	**None**

Phase 2 - FIT - Legacy Data Report

Castleton River

SGAT Version: **3**

Reach: **T02.08-s1.05 -B**

Step	Description	Value	
1.2	Alluvial Fan:	**None**	
1.3	Encroachments - Side	One	Both
	Berm Length (ft.):	**70.3**	**0.0**
	Path Length (ft.):	**0.0**	**0.0**
	Road Length (ft.):	**327.8**	**0.0**
	Railroad Lenth (ft.):	**0.0**	**0.0**
	Development Length:	**0.0**	**88.0**
3.1	Erosion - Bank	Left	Right
	Erosion Length (ft.):	**89.6**	**172.7**
	Erosion Height (ft.):	**2.0**	**2.0**
	Revetment Type:	**Rip-Rap**	**Rip-Rap**
	Revetment length:	**242.9**	**48.1**
3.2	Buffer Less Than 25 ft.		
3.3	Riparian Corridor		
	Mass Failures:	**None**	
	Average Height (ft.):	**0.0**	
	Gullies:	**None**	
	Average Height (ft.):	**0.0**	

Step	Description	Value
4.4	Number of Debris Jams:	**2**
4.7	Stormwater Inputs	**1**
4.9	Beaver Dams:	**0**
	Affected length:	**0**
5.2	Migration Features	
	Flood Chutes:	**6**
	Neck Cutoffs:	**0**
	Channel Avulsions:	**0**
	Braiding:	**0**
5.3	Steep Riffles and Head Cuts	
	Steep Riffles:	**0**
	Head Cuts:	**0**
5.4	Animal Crossings:	**Yes**
5.5	Channel Alterations	
	Straightening:	**Straightening**
	Dredging:	**None**

Phase 2 - FIT - Legacy Data Report

Castleton River

SGAT Version: **3**

Reach: **T02.08-s1.05 -E**

Step	Description	Value	
1.2	Alluvial Fan:	**None**	
1.3	Encroachments - Side	One	Both
	Berm Length (ft.):	**0.0**	**0.0**
	Path Length (ft.):	**0.0**	**0.0**
	Road Length (ft.):	**0.0**	**0.0**
	Railroad Lenth (ft.):	**0.0**	**0.0**
	Development Length:	**0.0**	**0.0**
3.1	Erosion - Bank	Left	Right
	Erosion Length (ft.):	**0.0**	**67.1**
	Erosion Height (ft.):	**0.0**	**2.1**
	Revetment Type:	**None**	**Multiple**
	Revetment length:	**0.0**	**47.5**
3.2	Buffer Less Than 25 ft.		
3.3	Riparian Corridor		
	Mass Failures:	**Multiple**	
	Average Height (ft.):	**10.7**	
	Gullies:	**None**	
	Average Height (ft.):	**0.0**	

Step	Description	Value
4.4	Number of Debris Jams:	**3**
4.7	Stormwater Inputs	**5**
4.9	Beaver Dams:	**0**
	Affected length:	**0**
5.2	Migration Features	
	Flood Chutes:	**0**
	Neck Cutoffs:	**0**
	Channel Avulsions:	**0**
	Braiding:	**0**
5.3	Steep Riffles and Head Cuts	
	Steep Riffles:	**0**
	Head Cuts:	**0**
5.4	Animal Crossings:	**No**
5.5	Channel Alterations	
	Straightening:	**None**
	Dredging:	**None**

Phase 2 - FIT - Legacy Data Report

Castleton River

SGAT Version: **3**

Reach: **T02.09-s1.04 -A**

Step	Description	Value		
1.2	Alluvial Fan:		**None**	
1.3	Encroachments - Side	One	Both	
	Berm Length (ft.):	**0.0**	**0.0**	
	Path Length (ft.):	**0.0**	**0.0**	
	Road Length (ft.):	**0.0**	**0.0**	
	Railroad Lenth (ft.):	**0.0**	**0.0**	
	Development Length:	**0.0**	**0.0**	
3.1	Erosion - Bank	Left	Right	
	Erosion Length (ft.):	**200.0**	**180.0**	
	Erosion Height (ft.):	**2.0**	**2.0**	
	Revetment Type:	**None**	**None**	
	Revetment length:	**0.0**	**0.0**	
3.2	Buffer Less Than 25 ft.			
3.3	Riparian Corridor			
	Mass Failures:		**None**	
	Average Height (ft.):			
	Gullies:		**None**	
	Average Height (ft.):			

Step	Description	Value
4.4	Number of Debris Jams:	**3**
4.7	Stormwater Inputs	**0**
4.9	Beaver Dams:	**0**
	Affected length:	**0**
5.2	Migration Features	
	Flood Chutes:	**0**
	Neck Cutoffs:	**0**
	Channel Avulsions:	**0**
	Braiding:	**2**
5.3	Steep Riffles and Head Cuts	
	Steep Riffles:	**0**
	Head Cuts:	**0**
5.4	Animal Crossings:	**Yes**
5.5	Channel Alterations	
	Straightening:	**None**
	Dredging:	**None**

Phase 2 - FIT - Legacy Data Report

Castleton River

SGAT Version: **3**

Reach: **T02.10 -0**

Step	Description	Value	
1.2	Alluvial Fan:	**None**	
1.3	Encroachments - Side	One	Both
	Berm Length (ft.):	**0.0**	**0.0**
	Path Length (ft.):	**0.0**	**0.0**
	Road Length (ft.):	**140.2**	**500.0**
	Railroad Lenth (ft.):	**0.0**	**0.0**
	Development Length:	**354.7**	**184.2**
3.1	Erosion - Bank	Left	Right
	Erosion Length (ft.):	**723.6**	**250.7**
	Erosion Height (ft.):	**2.0**	**2.0**
	Revetment Type:	**Rip-Rap**	**Rip-Rap**
	Revetment length:	**401.7**	**216.5**
3.2	Buffer Less Than 25 ft.	**0**	**0**
3.3	Riparian Corridor		
	Mass Failures:	**One**	
	Average Height (ft.):	**10.0**	
	Gullies:	**None**	
	Average Height (ft.):		

Step	Description	Value
4.4	Number of Debris Jams:	**7**
4.7	Stormwater Inputs	**0**
4.9	Beaver Dams:	**0**
	Affected length:	**0**
5.2	Migration Features	
	Flood Chutes:	**1**
	Neck Cutoffs:	**0**
	Channel Avulsions:	**0**
	Braiding:	**0**
5.3	Steep Riffles and Head Cuts	
	Steep Riffles:	**2**
	Head Cuts:	**0**
5.4	Animal Crossings:	**No**
5.5	Channel Alterations	
	Straightening:	**Straightening**
	Dredging:	**None**

Phase 2 - FIT - Legacy Data Report

Castleton River

SGAT Version: **3**

Reach: **T02.09-s1.04 -C**

Step	Description	Value	
1.2	Alluvial Fan:	**None**	
1.3	Encroachments - Side	One	Both
	Berm Length (ft.):	**0.0**	**0.0**
	Path Length (ft.):	**0.0**	**0.0**
	Road Length (ft.):	**0.0**	**0.0**
	Railroad Lenth (ft.):	**0.0**	**0.0**
	Development Length:	**0.0**	**0.0**
3.1	Erosion - Bank	Left	Right
	Erosion Length (ft.):	**330.2**	**94.6**
	Erosion Height (ft.):	**1.2**	**2.0**
	Revetment Type:	**None**	**None**
	Revetment length:	**0.0**	**0.0**
3.2	Buffer Less Than 25 ft.	**0**	**0**
3.3	Riparian Corridor		
	Mass Failures:	**None**	
	Average Height (ft.):		
	Gullies:	**None**	
	Average Height (ft.):		

Step	Description	Value
4.4	Number of Debris Jams:	**5**
4.7	Stormwater Inputs	**0**
4.9	Beaver Dams:	**0**
	Affected length:	**0**
5.2	Migration Features	
	Flood Chutes:	**0**
	Neck Cutoffs:	**0**
	Channel Avulsions:	**0**
	Braiding:	**0**
5.3	Steep Riffles and Head Cuts	
	Steep Riffles:	**0**
	Head Cuts:	**0**
5.4	Animal Crossings:	**Yes**
5.5	Channel Alterations	
	Straightening:	**None**
	Dredging:	**None**

Phase 2 - FIT - Legacy Data Report

Castleton River

SGAT Version: **3**

Reach: **T02.08-s1.05 -F**

Step	Description	Value	
1.2	Alluvial Fan:	**None**	
1.3	Encroachments - Side	One	Both
	Berm Length (ft.):	**0.0**	**0.0**
	Path Length (ft.):	**0.0**	**0.0**
	Road Length (ft.):	**0.0**	**0.0**
	Railroad Lenth (ft.):	**0.0**	**0.0**
	Development Length:	**0.0**	**0.0**
3.1	Erosion - Bank	Left	Right
	Erosion Length (ft.):	**0.0**	**122.0**
	Erosion Height (ft.):	**0.0**	**3.0**
	Revetment Type:	**None**	**None**
	Revetment length:	**0.0**	**0.0**
3.2	Buffer Less Than 25 ft.		
3.3	Riparian Corridor		
	Mass Failures:	**None**	
	Average Height (ft.):	**0.0**	
	Gullies:	**None**	
	Average Height (ft.):	**0.0**	

Step	Description	Value
4.4	Number of Debris Jams:	**0**
4.7	Stormwater Inputs	**1**
4.9	Beaver Dams:	**0**
	Affected length:	**0**
5.2	Migration Features	
	Flood Chutes:	**1**
	Neck Cutoffs:	**0**
	Channel Avulsions:	**0**
	Braiding:	**0**
5.3	Steep Riffles and Head Cuts	
	Steep Riffles:	**0**
	Head Cuts:	**0**
5.4	Animal Crossings:	**No**
5.5	Channel Alterations	
	Straightening:	**Straightening**
	Dredging:	**Dredging**

Phase 2 - FIT - Legacy Data Report

Castleton River

SGAT Version: **3**

Reach: **T02.05 -0**

Step	Description	Value	
1.2	Alluvial Fan:	**None**	
1.3	Encroachments - Side	One	Both
	Berm Length (ft.):	**0.0**	**0.0**
	Path Length (ft.):	**0.0**	**0.0**
	Road Length (ft.):	**0.0**	**0.0**
	Railroad Lenth (ft.):	**3,461.4**	**0.0**
	Development Length:	**0.0**	**0.0**
3.1	Erosion - Bank	Left	Right
	Erosion Length (ft.):	**2,121.7**	**1,849.7**
	Erosion Height (ft.):	**3.8**	**3.5**
	Revetment Type:	**Rip-Rap**	**Rip-Rap**
	Revetment length:	**51.8**	**407.0**
3.2	Buffer Less Than 25 ft.	**0**	**0**
3.3	Riparian Corridor		
	Mass Failures:	**One**	
	Average Height (ft.):	**25.0**	
	Gullies:	**None**	
	Average Height (ft.):		

Step	Description	Value
4.4	Number of Debris Jams:	**15**
4.7	Stormwater Inputs	**0**
4.9	Beaver Dams:	**0**
	Affected length:	**0**
5.2	Migration Features	
	Flood Chutes:	**2**
	Neck Cutoffs:	**1**
	Channel Avulsions:	**0**
	Braiding:	**0**
5.3	Steep Riffles and Head Cuts	
	Steep Riffles:	**0**
	Head Cuts:	**0**
5.4	Animal Crossings:	**No**
5.5	Channel Alterations	
	Straightening:	**Straightening**
	Dredging:	**None**

Phase 2 - FIT - Legacy Data Report

Castleton River

SGAT Version: **3**

Reach: **T02.11-s1.04 -A**

Step	Description	Value	
1.2	Alluvial Fan:	**None**	
1.3	Encroachments - Side	One	Both
	Berm Length (ft.):	**0.0**	**0.0**
	Path Length (ft.):	**0.0**	**0.0**
	Road Length (ft.):	**0.0**	**0.0**
	Railroad Lenth (ft.):	**0.0**	**0.0**
	Development Length:	**0.0**	**72.7**
3.1	Erosion - Bank	Left	Right
	Erosion Length (ft.):	**70.3**	**33.4**
	Erosion Height (ft.):	**2.0**	**2.5**
	Revetment Type:	**None**	**None**
	Revetment length:	**0.0**	**0.0**
3.2	Buffer Less Than 25 ft.		
3.3	Riparian Corridor		
	Mass Failures:	**Multiple**	
	Average Height (ft.):	**6.0**	
	Gullies:	**None**	
	Average Height (ft.):	**0.0**	

Step	Description	Value
4.4	Number of Debris Jams:	**7**
4.7	Stormwater Inputs	**0**
4.9	Beaver Dams:	**0**
	Affected length:	**0**
5.2	Migration Features	
	Flood Chutes:	**4**
	Neck Cutoffs:	**0**
	Channel Avulsions:	**0**
	Braiding:	**0**
5.3	Steep Riffles and Head Cuts	
	Steep Riffles:	**0**
	Head Cuts:	**0**
5.4	Animal Crossings:	**Yes**
5.5	Channel Alterations	
	Straightening:	**None**
	Dredging:	**None**

Phase 2 - FIT - Legacy Data Report

Castleton River

SGAT Version: **3**

Reach: **T02.07 -0**

Step	Description	Value	
1.2	Alluvial Fan:		
1.3	Encroachments - Side	One	Both
	Berm Length (ft.):		
	Path Length (ft.):		
	Road Length (ft.):		
	Railroad Lenth (ft.):		
	Development Length:		
3.1	Erosion - Bank	Left	Right
	Erosion Length (ft.):		
	Erosion Height (ft.):		
	Revetment Type:		
	Revetment length:		
3.2	Buffer Less Than 25 ft.		
3.3	Riparian Corridor		
	Mass Failures:		
	Average Height (ft.):		
	Gullies:		
	Average Height (ft.):		

Step	Description	Value
4.4	Number of Debris Jams:	
4.7	Stormwater Inputs	
4.9	Beaver Dams:	
	Affected length:	
5.2	Migration Features	
	Flood Chutes:	
	Neck Cutoffs:	
	Channel Avulsions:	
	Braiding:	
5.3	Steep Riffles and Head Cuts	
	Steep Riffles:	
	Head Cuts:	
5.4	Animal Crossings:	
5.5	Channel Alterations	
	Straightening:	
	Dredging:	

Phase 2 - FIT - Legacy Data Report

Castleton River

SGAT Version: **3**

Reach: **T02.08 -0**

Step	Description	Value	
1.2	Alluvial Fan:	**None**	
1.3	Encroachments - Side	One	Both
	Berm Length (ft.):	**1,324.6**	**0.0**
	Path Length (ft.):	**0.0**	**0.0**
	Road Length (ft.):	**923.5**	**57.5**
	Railroad Lenth (ft.):	**2,890.5**	**0.0**
	Development Length:	**54.9**	**223.9**
3.1	Erosion - Bank	Left	Right
	Erosion Length (ft.):	**1,235.0**	**1,611.2**
	Erosion Height (ft.):	**3.4**	**3.4**
	Revetment Type:	**Rip-Rap**	**Rip-Rap**
	Revetment length:	**958.9**	**580.9**
3.2	Buffer Less Than 25 ft.		
3.3	Riparian Corridor		
	Mass Failures:	**None**	
	Average Height (ft.):		
	Gullies:	**None**	
	Average Height (ft.):		

Step	Description	Value
4.4	Number of Debris Jams:	**4**
4.7	Stormwater Inputs	
4.9	Beaver Dams:	**0**
	Affected length:	**0**
5.2	Migration Features	
	Flood Chutes:	**8**
	Neck Cutoffs:	**2**
	Channel Avulsions:	**0**
	Braiding:	**1**
5.3	Steep Riffles and Head Cuts	
	Steep Riffles:	**0**
	Head Cuts:	**0**
5.4	Animal Crossings:	**No**
5.5	Channel Alterations	
	Straightening:	**Straightening**
	Dredging:	**None**

Phase 2 - FIT - Legacy Data Report

Castleton River

SGAT Version: **3**

Reach: **T02.08 -0**

Step	Description	Value	
1.2	Alluvial Fan:	**None**	
1.3	Encroachments - Side	One	Both
	Berm Length (ft.):	**1,324.6**	**0.0**
	Path Length (ft.):	**0.0**	**0.0**
	Road Length (ft.):	**923.5**	**57.5**
	Railroad Lenth (ft.):	**2,890.5**	**0.0**
	Development Length:	**54.9**	**223.9**
3.1	Erosion - Bank	Left	Right
	Erosion Length (ft.):	**1,235.0**	**1,611.2**
	Erosion Height (ft.):	**3.4**	**3.4**
	Revetment Type:	**Rip-Rap**	**Rip-Rap**
	Revetment length:	**958.9**	**580.9**
3.2	Buffer Less Than 25 ft.		
3.3	Riparian Corridor		
	Mass Failures:	**None**	
	Average Height (ft.):		
	Gullies:	**None**	
	Average Height (ft.):		

Step	Description	Value
4.4	Number of Debris Jams:	**4**
4.7	Stormwater Inputs	
4.9	Beaver Dams:	**0**
	Affected length:	**0**
5.2	Migration Features	
	Flood Chutes:	**8**
	Neck Cutoffs:	**2**
	Channel Avulsions:	**0**
	Braiding:	**1**
5.3	Steep Riffles and Head Cuts	
	Steep Riffles:	**0**
	Head Cuts:	**0**
5.4	Animal Crossings:	**No**
5.5	Channel Alterations	
	Straightening:	**Straightening**
	Dredging:	**None**

Phase 2 - FIT - Legacy Data Report

Castleton River

SGAT Version: **3**

Reach: **T02.08 -0**

Step	Description	Value	
1.2	Alluvial Fan:	**None**	
1.3	Encroachments - Side	One	Both
	Berm Length (ft.):	**1,324.6**	**0.0**
	Path Length (ft.):	**0.0**	**0.0**
	Road Length (ft.):	**923.5**	**57.5**
	Railroad Lenth (ft.):	**2,890.5**	**0.0**
	Development Length:	**54.9**	**223.9**
3.1	Erosion - Bank	Left	Right
	Erosion Length (ft.):	**1,235.0**	**1,611.2**
	Erosion Height (ft.):	**3.4**	**3.4**
	Revetment Type:	**Rip-Rap**	**Rip-Rap**
	Revetment length:	**958.9**	**580.9**
3.2	Buffer Less Than 25 ft.		
3.3	Riparian Corridor		
	Mass Failures:	**None**	
	Average Height (ft.):		
	Gullies:	**None**	
	Average Height (ft.):		

Step	Description	Value
4.4	Number of Debris Jams:	**4**
4.7	Stormwater Inputs	
4.9	Beaver Dams:	**0**
	Affected length:	**0**
5.2	Migration Features	
	Flood Chutes:	**8**
	Neck Cutoffs:	**2**
	Channel Avulsions:	**0**
	Braiding:	**1**
5.3	Steep Riffles and Head Cuts	
	Steep Riffles:	**0**
	Head Cuts:	**0**
5.4	Animal Crossings:	**No**
5.5	Channel Alterations	
	Straightening:	**Straightening**
	Dredging:	**None**

Phase 2 - FIT - Legacy Data Report

Castleton River

SGAT Version: **3**

Reach: **T02.02 -A**

Step	Description	Value	
1.2	Alluvial Fan:	**None**	
1.3	Encroachments - Side	One	Both
	Berm Length (ft.):	**0.0**	**0.0**
	Path Length (ft.):	**0.0**	**0.0**
	Road Length (ft.):	**0.0**	**0.0**
	Railroad Lenth (ft.):	**0.0**	**0.0**
	Development Length:	**353.1**	**0.0**
3.1	Erosion - Bank	Left	Right
	Erosion Length (ft.):	**2,256.5**	**1,869.3**
	Erosion Height (ft.):	**9.9**	**21.0**
	Revetment Type:	**None**	**Rip-Rap**
	Revetment length:	**0.0**	**85.9**
3.2	Buffer Less Than 25 ft.		
3.3	Riparian Corridor		
	Mass Failures:	**Multiple**	
	Average Height (ft.):	**26.0**	
	Gullies:	**None**	
	Average Height (ft.):	**0.0**	

Step	Description	Value
4.4	Number of Debris Jams:	**2**
4.7	Stormwater Inputs	**2**
4.9	Beaver Dams:	**0**
	Affected length:	**0**
5.2	Migration Features	
	Flood Chutes:	**2**
	Neck Cutoffs:	**0**
	Channel Avulsions:	**0**
	Braiding:	**0**
5.3	Steep Riffles and Head Cuts	
	Steep Riffles:	**0**
	Head Cuts:	**0**
5.4	Animal Crossings:	**No**
5.5	Channel Alterations	
	Straightening:	**None**
	Dredging:	**None**

Phase 2 - FIT - Legacy Data Report

Castleton River

SGAT Version: **3**

Reach: **T02.02 -B**

Step	Description	Value	
1.2	Alluvial Fan:	**None**	
1.3	Encroachments - Side	One	Both
	Berm Length (ft.):	**0.0**	**0.0**
	Path Length (ft.):	**0.0**	**0.0**
	Road Length (ft.):	**598.5**	**0.0**
	Railroad Lenth (ft.):	**0.0**	**0.0**
	Development Length:	**1,132.3**	**446.1**
3.1	Erosion - Bank	Left	Right
	Erosion Length (ft.):	**1,740.5**	**1,433.7**
	Erosion Height (ft.):	**23.3**	**33.6**
	Revetment Type:	**Rip-Rap**	**Multiple**
	Revetment length:	**352.5**	**823.0**
3.2	Buffer Less Than 25 ft.		
3.3	Riparian Corridor		
	Mass Failures:	**Multiple**	
	Average Height (ft.):	**36.1**	
	Gullies:	**None**	
	Average Height (ft.):	**0.0**	

Step	Description	Value
4.4	Number of Debris Jams:	**4**
4.7	Stormwater Inputs	**1**
4.9	Beaver Dams:	**0**
	Affected length:	**0**
5.2	Migration Features	
	Flood Chutes:	**2**
	Neck Cutoffs:	**0**
	Channel Avulsions:	**0**
	Braiding:	**0**
5.3	Steep Riffles and Head Cuts	
	Steep Riffles:	**0**
	Head Cuts:	**0**
5.4	Animal Crossings:	**No**
5.5	Channel Alterations	
	Straightening:	**None**
	Dredging:	**None**

Phase 2 - FIT - Legacy Data Report

Castleton River

SGAT Version: **3**

Reach: **T02.11-s1.02 -B**

Step	Description	Value	
1.2	Alluvial Fan:	**None**	
1.3	Encroachments - Side	One	Both
	Berm Length (ft.):	**0.0**	**0.0**
	Path Length (ft.):	**74.4**	**0.0**
	Road Length (ft.):	**56.7**	**0.0**
	Railroad Lenth (ft.):	**0.0**	**0.0**
	Development Length:	**0.0**	**0.0**
3.1	Erosion - Bank	Left	Right
	Erosion Length (ft.):	**226.4**	**141.6**
	Erosion Height (ft.):	**2.8**	**3.0**
	Revetment Type:	**None**	**None**
	Revetment length:	**0.0**	**0.0**
3.2	Buffer Less Than 25 ft.		
3.3	Riparian Corridor		
	Mass Failures:	**None**	
	Average Height (ft.):	**0.0**	
	Gullies:	**None**	
	Average Height (ft.):	**0.0**	

Step	Description	Value
4.4	Number of Debris Jams:	**7**
4.7	Stormwater Inputs	**0**
4.9	Beaver Dams:	**0**
	Affected length:	**0**
5.2	Migration Features	
	Flood Chutes:	**4**
	Neck Cutoffs:	**0**
	Channel Avulsions:	**0**
	Braiding:	**0**
5.3	Steep Riffles and Head Cuts	
	Steep Riffles:	**0**
	Head Cuts:	**0**
5.4	Animal Crossings:	**No**
5.5	Channel Alterations	
	Straightening:	**None**
	Dredging:	**None**

Phase 2 - FIT - Legacy Data Report

Castleton River

SGAT Version: **3**

Reach: **T02.08-s1.04 -B**

Step	Description	Value	
1.2	Alluvial Fan:	**None**	
1.3	Encroachments - Side	One	Both
	Berm Length (ft.):	**217.9**	**0.0**
	Path Length (ft.):	**0.0**	**0.0**
	Road Length (ft.):	**0.0**	**0.0**
	Railroad Lenth (ft.):	**0.0**	**0.0**
	Development Length:	**0.0**	**56.6**
3.1	Erosion - Bank	Left	Right
	Erosion Length (ft.):	**37.0**	**0.0**
	Erosion Height (ft.):	**2.0**	**0.0**
	Revetment Type:	**Rip-Rap**	**Rip-Rap**
	Revetment length:	**28.1**	**82.7**
3.2	Buffer Less Than 25 ft.		
3.3	Riparian Corridor		
	Mass Failures:	**None**	
	Average Height (ft.):	**0.0**	
	Gullies:	**None**	
	Average Height (ft.):	**0.0**	

Step	Description	Value
4.4	Number of Debris Jams:	**7**
4.7	Stormwater Inputs	**1**
4.9	Beaver Dams:	**0**
	Affected length:	**0**
5.2	Migration Features	
	Flood Chutes:	**5**
	Neck Cutoffs:	**1**
	Channel Avulsions:	**0**
	Braiding:	**0**
5.3	Steep Riffles and Head Cuts	
	Steep Riffles:	**3**
	Head Cuts:	**0**
5.4	Animal Crossings:	**Yes**
5.5	Channel Alterations	
	Straightening:	**Straightening**
	Dredging:	**None**

Phase 2 - FIT - Legacy Data Report

Castleton River

SGAT Version: **3**

Reach: **T02.08-s1.02 -0**

Step	Description	Value	
1.2	Alluvial Fan:	**Yes**	
1.3	Encroachments - Side	One	Both
	Berm Length (ft.):	**0.0**	**0.0**
	Path Length (ft.):	**0.0**	**0.0**
	Road Length (ft.):	**985.7**	**0.0**
	Railroad Lenth (ft.):	**1,100.9**	**0.0**
	Development Length:	**1,126.4**	**95.2**
3.1	Erosion - Bank	Left	Right
	Erosion Length (ft.):	**189.5**	**340.4**
	Erosion Height (ft.):	**5.2**	**4.4**
	Revetment Type:	**Rip-Rap**	**Rip-Rap**
	Revetment length:	**2,382.1**	**437.5**
3.2	Buffer Less Than 25 ft.		
3.3	Riparian Corridor		
	Mass Failures:	**One**	
	Average Height (ft.):	**12.0**	
	Gullies:	**One**	
	Average Height (ft.):	**12.0**	

Step	Description	Value
4.4	Number of Debris Jams:	**6**
4.7	Stormwater Inputs	**5**
4.9	Beaver Dams:	**0**
	Affected length:	**0**
5.2	Migration Features	
	Flood Chutes:	**3**
	Neck Cutoffs:	**0**
	Channel Avulsions:	**0**
	Braiding:	**0**
5.3	Steep Riffles and Head Cuts	
	Steep Riffles:	**0**
	Head Cuts:	**0**
5.4	Animal Crossings:	**No**
5.5	Channel Alterations	
	Straightening:	**Straightening**
	Dredging:	**Dredging**

Phase 2 - FIT - Legacy Data Report

Castleton River

SGAT Version: **3**

Reach: **T02.12 -0**

Step	Description	Value	
1.2	Alluvial Fan:	**None**	
1.3	Encroachments - Side	One	Both
	Berm Length (ft.):	**4,023.4**	**683.6**
	Path Length (ft.):	**0.0**	**0.0**
	Road Length (ft.):	**2,897.9**	**0.0**
	Railroad Lenth (ft.):	**0.0**	**0.0**
	Development Length:	**51.5**	**461.9**
3.1	Erosion - Bank	Left	Right
	Erosion Length (ft.):	**59.2**	**197.1**
	Erosion Height (ft.):	**2.0**	**1.2**
	Revetment Type:	**Rip-Rap**	**Rip-Rap**
	Revetment length:	**260.3**	**226.3**
3.2	Buffer Less Than 25 ft.	**0**	**0**
3.3	Riparian Corridor		
	Mass Failures:	**None**	
	Average Height (ft.):		
	Gullies:	**None**	
	Average Height (ft.):		

Step	Description	Value
4.4	Number of Debris Jams:	**8**
4.7	Stormwater Inputs	**3**
4.9	Beaver Dams:	**2**
	Affected length:	**0**
5.2	Migration Features	
	Flood Chutes:	**0**
	Neck Cutoffs:	**0**
	Channel Avulsions:	**0**
	Braiding:	**0**
5.3	Steep Riffles and Head Cuts	
	Steep Riffles:	**2**
	Head Cuts:	**0**
5.4	Animal Crossings:	**Yes**
5.5	Channel Alterations	
	Straightening:	**Straightening**
	Dredging:	**Dredging**

Phase 2 - FIT - Legacy Data Report

Castleton River

SGAT Version: **3**

Reach: **T02.09-s1.04 -D**

Step	Description	Value	
1.2	Alluvial Fan:	**None**	
1.3	Encroachments - Side	One	Both
	Berm Length (ft.):	**0.0**	**626.1**
	Path Length (ft.):	**0.0**	**0.0**
	Road Length (ft.):	**0.0**	**0.0**
	Railroad Lenth (ft.):	**0.0**	**0.0**
	Development Length:	**0.0**	**0.0**
3.1	Erosion - Bank	Left	Right
	Erosion Length (ft.):	**254.4**	**336.6**
	Erosion Height (ft.):	**3.0**	**3.0**
	Revetment Type:	**None**	**None**
	Revetment length:	**0.0**	**0.0**
3.2	Buffer Less Than 25 ft.	**0**	**0**
3.3	Riparian Corridor		
	Mass Failures:	**None**	
	Average Height (ft.):		
	Gullies:	**None**	
	Average Height (ft.):		

Step	Description	Value
4.4	Number of Debris Jams:	**0**
4.7	Stormwater Inputs	**0**
4.9	Beaver Dams:	**0**
	Affected length:	**0**
5.2	Migration Features	
	Flood Chutes:	**1**
	Neck Cutoffs:	**0**
	Channel Avulsions:	**0**
	Braiding:	**0**
5.3	Steep Riffles and Head Cuts	
	Steep Riffles:	**0**
	Head Cuts:	**0**
5.4	Animal Crossings:	**Yes**
5.5	Channel Alterations	
	Straightening:	**With Windrowing**
	Dredging:	**Dredging**

Phase 2 - FIT - Legacy Data Report

Castleton River

SGAT Version: **3**

Reach: **T02.03 -0**

Step	Description	Value	
1.2	Alluvial Fan:	**None**	
1.3	Encroachments - Side	One	Both
	Berm Length (ft.):	**0.0**	**0.0**
	Path Length (ft.):	**0.0**	**0.0**
	Road Length (ft.):	**517.4**	**1,013.6**
	Railroad Lenth (ft.):	**907.1**	**0.0**
	Development Length:	**242.2**	**1,717.5**
3.1	Erosion - Bank	Left	Right
	Erosion Length (ft.):	**0.0**	**0.0**
	Erosion Height (ft.):	**0.0**	**0.0**
	Revetment Type:	**Multiple**	**Multiple**
	Revetment length:	**1,012.9**	**1,063.6**
3.2	Buffer Less Than 25 ft.		
3.3	Riparian Corridor		
	Mass Failures:	**None**	
	Average Height (ft.):	**0.0**	
	Gullies:	**None**	
	Average Height (ft.):	**0.0**	

Step	Description	Value
4.4	Number of Debris Jams:	**0**
4.7	Stormwater Inputs	**3**
4.9	Beaver Dams:	**0**
	Affected length:	**0**
5.2	Migration Features	
	Flood Chutes:	**1**
	Neck Cutoffs:	**0**
	Channel Avulsions:	**0**
	Braiding:	**0**
5.3	Steep Riffles and Head Cuts	
	Steep Riffles:	**0**
	Head Cuts:	**0**
5.4	Animal Crossings:	**No**
5.5	Channel Alterations	
	Straightening:	**None**
	Dredging:	**None**

Phase 2 - FIT - Legacy Data Report

Castleton River

SGAT Version: **3**

Reach: **T02.09 -B**

Step	Description	Value	
1.2	Alluvial Fan:	**None**	
1.3	Encroachments - Side	One	Both
	Berm Length (ft.):	**432.7**	**0.0**
	Path Length (ft.):	**0.0**	**0.0**
	Road Length (ft.):	**401.7**	**0.0**
	Railroad Lenth (ft.):	**792.1**	**0.0**
	Development Length:	**715.9**	**238.6**
3.1	Erosion - Bank	Left	Right
	Erosion Length (ft.):	**487.4**	**327.5**
	Erosion Height (ft.):	**5.7**	**4.2**
	Revetment Type:	**Rip-Rap**	**Rip-Rap**
	Revetment length:	**1,231.5**	**749.4**
3.2	Buffer Less Than 25 ft.	**0**	**0**
3.3	Riparian Corridor		
	Mass Failures:	**None**	
	Average Height (ft.):		
	Gullies:	**None**	
	Average Height (ft.):		

Step	Description	Value
4.4	Number of Debris Jams:	**1**
4.7	Stormwater Inputs	**1**
4.9	Beaver Dams:	**0**
	Affected length:	**0**
5.2	Migration Features	
	Flood Chutes:	**1**
	Neck Cutoffs:	**0**
	Channel Avulsions:	**0**
	Braiding:	**0**
5.3	Steep Riffles and Head Cuts	
	Steep Riffles:	**2**
	Head Cuts:	**0**
5.4	Animal Crossings:	**No**
5.5	Channel Alterations	
	Straightening:	**Straightening**
	Dredging:	**None**

Phase 2 - FIT - Legacy Data Report

Castleton River

SGAT Version: **3**

Reach: **T02.11-s1.02 -A**

Step	Description	Value	
1.2	Alluvial Fan:	**Yes**	
1.3	Encroachments - Side	One	Both
	Berm Length (ft.):	**199.8**	**273.7**
	Path Length (ft.):	**410.4**	**0.0**
	Road Length (ft.):	**385.2**	**0.0**
	Railroad Lenth (ft.):	**0.0**	**0.0**
	Development Length:	**0.0**	**27.1**
3.1	Erosion - Bank	Left	Right
	Erosion Length (ft.):	**76.4**	**120.9**
	Erosion Height (ft.):	**4.0**	**3.0**
	Revetment Type:	**Rip-Rap**	**Rip-Rap**
	Revetment length:	**27.9**	**28.0**
3.2	Buffer Less Than 25 ft.		
3.3	Riparian Corridor		
	Mass Failures:	**None**	
	Average Height (ft.):	**0.0**	
	Gullies:	**None**	
	Average Height (ft.):	**0.0**	

Step	Description	Value
4.4	Number of Debris Jams:	**1**
4.7	Stormwater Inputs	**0**
4.9	Beaver Dams:	**0**
	Affected length:	**0**
5.2	Migration Features	
	Flood Chutes:	**1**
	Neck Cutoffs:	**0**
	Channel Avulsions:	**0**
	Braiding:	**0**
5.3	Steep Riffles and Head Cuts	
	Steep Riffles:	**0**
	Head Cuts:	**0**
5.4	Animal Crossings:	**Yes**
5.5	Channel Alterations	
	Straightening:	**Straightening**
	Dredging:	**Dredging**

Phase 2 - FIT - Legacy Data Report

Castleton River

SGAT Version: **3**

Reach: **T02.08-s1.05 -A**

Step	Description	Value	
1.2	Alluvial Fan:	**None**	
1.3	Encroachments - Side	One	Both
	Berm Length (ft.):	**0.0**	**0.0**
	Path Length (ft.):	**0.0**	**0.0**
	Road Length (ft.):	**0.0**	**0.0**
	Railroad Lenth (ft.):	**0.0**	**0.0**
	Development Length:	**0.0**	**0.0**
3.1	Erosion - Bank	Left	Right
	Erosion Length (ft.):	**0.0**	**49.3**
	Erosion Height (ft.):	**0.0**	**4.0**
	Revetment Type:	**None**	**None**
	Revetment length:	**0.0**	**0.0**
3.2	Buffer Less Than 25 ft.		
3.3	Riparian Corridor		
	Mass Failures:	**None**	
	Average Height (ft.):	**0.0**	
	Gullies:	**None**	
	Average Height (ft.):	**0.0**	

Step	Description	Value
4.4	Number of Debris Jams:	**3**
4.7	Stormwater Inputs	**0**
4.9	Beaver Dams:	**0**
	Affected length:	**0**
5.2	Migration Features	
	Flood Chutes:	**2**
	Neck Cutoffs:	**0**
	Channel Avulsions:	**0**
	Braiding:	**0**
5.3	Steep Riffles and Head Cuts	
	Steep Riffles:	**0**
	Head Cuts:	**0**
5.4	Animal Crossings:	**Yes**
5.5	Channel Alterations	
	Straightening:	**None**
	Dredging:	**None**

Phase 2 - FIT - Legacy Data Report

Castleton River

SGAT Version: **3**

Reach: **T02.08-s1.05 -C**

Step	Description	Value	
1.2	Alluvial Fan:	**None**	
1.3	Encroachments - Side	One	Both
	Berm Length (ft.):	**0.0**	**0.0**
	Path Length (ft.):	**0.0**	**0.0**
	Road Length (ft.):	**0.0**	**0.0**
	Railroad Lenth (ft.):	**0.0**	**0.0**
	Development Length:	**0.0**	**0.0**
3.1	Erosion - Bank	Left	Right
	Erosion Length (ft.):	**0.0**	**9.7**
	Erosion Height (ft.):	**0.0**	**3.0**
	Revetment Type:	**None**	**None**
	Revetment length:	**0.0**	**0.0**
3.2	Buffer Less Than 25 ft.		
3.3	Riparian Corridor		
	Mass Failures:	**None**	
	Average Height (ft.):	**0.0**	
	Gullies:	**None**	
	Average Height (ft.):	**0.0**	

Step	Description	Value
4.4	Number of Debris Jams:	**0**
4.7	Stormwater Inputs	**1**
4.9	Beaver Dams:	**0**
	Affected length:	**0**
5.2	Migration Features	
	Flood Chutes:	**1**
	Neck Cutoffs:	**0**
	Channel Avulsions:	**0**
	Braiding:	**0**
5.3	Steep Riffles and Head Cuts	
	Steep Riffles:	**0**
	Head Cuts:	**0**
5.4	Animal Crossings:	**No**
5.5	Channel Alterations	
	Straightening:	**None**
	Dredging:	**None**

Phase 2 - FIT - Legacy Data Report

Castleton River

SGAT Version: **3**

Reach: **T02.11 -A**

Step	Description	Value	
1.2	Alluvial Fan:	**None**	
1.3	Encroachments - Side	One	Both
	Berm Length (ft.):	**1,429.4**	**0.0**
	Path Length (ft.):	**0.0**	**0.0**
	Road Length (ft.):	**640.5**	**519.0**
	Railroad Lenth (ft.):	**993.7**	**0.0**
	Development Length:	**170.5**	**85.6**
3.1	Erosion - Bank	Left	Right
	Erosion Length (ft.):	**218.1**	**0.0**
	Erosion Height (ft.):	**3.0**	**0.0**
	Revetment Type:	**Rip-Rap**	**Rip-Rap**
	Revetment length:	**1,372.1**	**1,366.9**
3.2	Buffer Less Than 25 ft.	**0**	**0**
3.3	Riparian Corridor		
	Mass Failures:	**One**	
	Average Height (ft.):	**15.0**	
	Gullies:	**None**	
	Average Height (ft.):		

Step	Description	Value
4.4	Number of Debris Jams:	**0**
4.7	Stormwater Inputs	**1**
4.9	Beaver Dams:	**2**
	Affected length:	**500**
5.2	Migration Features	
	Flood Chutes:	**1**
	Neck Cutoffs:	**0**
	Channel Avulsions:	**0**
	Braiding:	**0**
5.3	Steep Riffles and Head Cuts	
	Steep Riffles:	**0**
	Head Cuts:	**0**
5.4	Animal Crossings:	**Yes**
5.5	Channel Alterations	
	Straightening:	**Straightening**
	Dredging:	**Gravel Mining**

Phase 2 - FIT - Legacy Data Report

Castleton River

SGAT Version: **3**

Reach: **T02.11 -B**

Step	Description	Value	
1.2	Alluvial Fan:	**None**	
1.3	Encroachments - Side	One	Both
	Berm Length (ft.):	**5,534.5**	**304.4**
	Path Length (ft.):	**0.0**	**0.0**
	Road Length (ft.):	**341.1**	**0.0**
	Railroad Lenth (ft.):	**1,752.7**	**0.0**
	Development Length:	**0.0**	**258.2**
3.1	Erosion - Bank	Left	Right
	Erosion Length (ft.):	**226.2**	**548.8**
	Erosion Height (ft.):	**2.0**	**2.0**
	Revetment Type:	**Rip-Rap**	**Rip-Rap**
	Revetment length:	**639.4**	**432.0**
3.2	Buffer Less Than 25 ft.	**0**	**0**
3.3	Riparian Corridor		
	Mass Failures:	**None**	
	Average Height (ft.):		
	Gullies:	**None**	
	Average Height (ft.):		

Step	Description	Value
4.4	Number of Debris Jams:	**12**
4.7	Stormwater Inputs	**1**
4.9	Beaver Dams:	**0**
	Affected length:	**0**
5.2	Migration Features	
	Flood Chutes:	**6**
	Neck Cutoffs:	**2**
	Channel Avulsions:	**1**
	Braiding:	**0**
5.3	Steep Riffles and Head Cuts	
	Steep Riffles:	**2**
	Head Cuts:	**0**
5.4	Animal Crossings:	**Yes**
5.5	Channel Alterations	
	Straightening:	**Straightening**
	Dredging:	**Gravel Mining**

Phase 2 - FIT - Legacy Data Report

Castleton River

SGAT Version: **3**

Reach: **T02.11-s1.04 -B**

Step	Description	Value	
1.2	Alluvial Fan:	**Yes**	
1.3	Encroachments - Side	One	Both
	Berm Length (ft.):	**0.0**	**0.0**
	Path Length (ft.):	**0.0**	**0.0**
	Road Length (ft.):	**558.3**	**0.0**
	Railroad Lenth (ft.):	**0.0**	**0.0**
	Development Length:	**0.0**	**0.0**
3.1	Erosion - Bank	Left	Right
	Erosion Length (ft.):	**24.2**	**68.6**
	Erosion Height (ft.):	**3.0**	**1.5**
	Revetment Type:	**None**	**None**
	Revetment length:	**0.0**	**0.0**
3.2	Buffer Less Than 25 ft.		
3.3	Riparian Corridor		
	Mass Failures:	**None**	
	Average Height (ft.):	**0.0**	
	Gullies:	**None**	
	Average Height (ft.):	**0.0**	

Step	Description	Value
4.4	Number of Debris Jams:	**6**
4.7	Stormwater Inputs	**1**
4.9	Beaver Dams:	**0**
	Affected length:	**0**
5.2	Migration Features	
	Flood Chutes:	**2**
	Neck Cutoffs:	**0**
	Channel Avulsions:	**0**
	Braiding:	**0**
5.3	Steep Riffles and Head Cuts	
	Steep Riffles:	**2**
	Head Cuts:	**0**
5.4	Animal Crossings:	**Yes**
5.5	Channel Alterations	
	Straightening:	**Straightening**
	Dredging:	**None**

Phase 2 - FIT - Legacy Data Report

Castleton River

SGAT Version: **3**

Reach: **T02.08-s1.03 -0**

Step	Description	Value	
1.2	Alluvial Fan:	**None**	
1.3	Encroachments - Side	One	Both
	Berm Length (ft.):	**110.5**	**0.0**
	Path Length (ft.):	**0.0**	**0.0**
	Road Length (ft.):	**0.0**	**0.0**
	Railroad Lenth (ft.):	**0.0**	**0.0**
	Development Length:	**0.0**	**14.0**
3.1	Erosion - Bank	Left	Right
	Erosion Length (ft.):	**0.0**	**0.0**
	Erosion Height (ft.):	**0.0**	**0.0**
	Revetment Type:	**Rip-Rap**	**None**
	Revetment length:	**142.1**	**0.0**
3.2	Buffer Less Than 25 ft.		
3.3	Riparian Corridor		
	Mass Failures:	**None**	
	Average Height (ft.):	**0.0**	
	Gullies:	**None**	
	Average Height (ft.):	**0.0**	

Step	Description	Value
4.4	Number of Debris Jams:	**5**
4.7	Stormwater Inputs	**0**
4.9	Beaver Dams:	**0**
	Affected length:	**0**
5.2	Migration Features	
	Flood Chutes:	**1**
	Neck Cutoffs:	**0**
	Channel Avulsions:	**0**
	Braiding:	**0**
5.3	Steep Riffles and Head Cuts	
	Steep Riffles:	**1**
	Head Cuts:	**0**
5.4	Animal Crossings:	**No**
5.5	Channel Alterations	
	Straightening:	**None**
	Dredging:	**None**