Phase 2 - FIT - Legacy Data Report

Williams River

SGAT Version: **4.56**

Reach: **T5.S1.04 -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.):	**2,037.6**	**0.0**
	Railroad Lenth (ft.):	**0.0**	**0.0**
	Development Length:	**165.3**	**0.0**
3.1	Erosion - Bank	Left	Right
	Erosion Length (ft.):	**77.4**	**0.0**
	Erosion Height (ft.):	**6.2**	**0.0**
	Revetment Type:	**Rip-Rap**	**Multiple**
	Revetment length	**642.0**	**975.5**
3.2	Buffer Less Than 25 ft.	**1185**	**1335**
3.3	Riparian Corridor	Left	Right
	Mass Failures:		**112.3655**
	Average Height (ft.):		**25.0**
	Mass Failures:	**One**	
	Average Heigh (ft.):	**25.0**	
	Gullies:	**None**	
	Number of Gullies	**0**	
	Total Length of Gullies (ft.):		
	Average Height of Gullies		

Step	Description	Value
4.4	Number of Debris Jams:	**0**
4.5	Flow Regulation Type:	**None**
	Use:	
4.7	Stormwater Inputs	
Overland Flow	Road Ditch	
Field Ditch	Tile Drain	
Other	Ub Strm Wtr Pipe	
4.9	Beaver Dams:	**0**
	Affected length (ft.):	**0.0**
5.2	Migration Features	
	Flood Chutes:	**1**
	Neck Cutoffs:	**0**
	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**
	Length (ft.):	**1,664.6**
	Dredging:	**None**

Phase 2 - FIT - Legacy Data Report

Williams River

SGAT Version: **4.56**

Reach: **T5.S1.03 -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.):	**3,881.5**	**0.0**
	Railroad Lenth (ft.):	**0.0**	**0.0**
	Development Length:	**72.1**	**0.0**
3.1	Erosion - Bank	Left	Right
	Erosion Length (ft.):	**175.7**	**0.0**
	Erosion Height (ft.):	**6.6**	**0.0**
	Revetment Type:	**Rip-Rap**	**Rip-Rap**
	Revetment length	**1,039.1**	**283.4**
3.2	Buffer Less Than 25 ft.	**1860**	**680**
3.3	Riparian Corridor	Left	Right
	Mass Failures:	**101.3416**	**72.82626**
	Average Height (ft.):	**12.0**	**20.0**
	Mass Failures:	**Multiple**	
	Average Heigh (ft.):	**16.0**	
	Gullies:	**None**	
	Number of Gullies	**0**	
	Total Length of Gullies (ft.):	**0.0**	
	Average Height of Gullies		

Step	Description	Value
4.4	Number of Debris Jams:	**3**
4.5	Flow Regulation Type:	**None**
	Use:	
4.7	Stormwater Inputs	

Overland Flow	**0**	Road Ditch	**2**
Field Ditch	**0**	Tile Drain	**0**
Other	**0**	Ub Strm Wtr Pipe	**0**

4.9	Beaver Dams:	**0**
	Affected length (ft.):	**0.0**
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:	**No**
5.5	Channel Alterations	
	Straightening:	**None**
	Length (ft.):	**0.0**
	Dredging:	**Dredging**

Phase 2 - FIT - Legacy Data Report

Williams River

SGAT Version: **4.56**

Reach: **T5.09 -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:	**0.0**	**0.0**
3.1	Erosion - Bank	Left	Right
	Erosion Length (ft.):	**202.8**	**130.6**
	Erosion Height (ft.):	**5.5**	**3.6**
	Revetment Type:	**None**	**None**
	Revetment length	**0.0**	**0.0**
3.2	Buffer Less Than 25 ft.	**0**	**0**
3.3	Riparian Corridor	Left	Right
	Mass Failures:	**22.0381**	
	Average Height (ft.):	**10.0**	
	Mass Failures:	**One**	
	Average Heigh (ft.):	**10.0**	
	Gullies:	**None**	
	Number of Gullies	**0**	
	Total Length of Gullies (ft.):	**0.0**	
	Average Height of Gullies		

Step	Description	Value
4.4	Number of Debris Jams:	**6**
4.5	Flow Regulation Type:	**None**
	Use:	
4.7	Stormwater Inputs	
Overland Flow	Road Ditch	
Field Ditch	Tile Drain	
Other	Ub Strm Wtr Pipe	
4.9	Beaver Dams:	**0**
	Affected length (ft.):	**0.0**
5.2	Migration Features	
	Flood Chutes:	**1**
	Neck Cutoffs:	**0**
	Channel Avulsions:	**1**
	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**
	Length (ft.):	**0.0**
	Dredging:	**None**

Phase 2 - FIT - Legacy Data Report

Williams River

SGAT Version: **4.56**

Reach: **T5.05 -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.):	**531.9**	**0.0**
	Railroad Lenth (ft.):	**0.0**	**0.0**
	Development Length:	**127.2**	**0.0**
3.1	Erosion - Bank	Left	Right
	Erosion Length (ft.):	**85.0**	**49.9**
	Erosion Height (ft.):	**2.0**	**10.0**
	Revetment Type:	**Rip-Rap**	**Rip-Rap**
	Revetment length	**329.9**	**31.1**
3.2	Buffer Less Than 25 ft.	**104**	**247**
3.3	Riparian Corridor	Left	Right
	Mass Failures:		
	Average Height (ft.):		
	Mass Failures:	**None**	
	Average Heigh (ft.):		
	Gullies:	**None**	
	Number of Gullies	**0**	
	Total Length of Gullies (ft.):	**0.0**	
	Average Height of Gullies		

Step	Description	Value
4.4	Number of Debris Jams:	**4**
4.5	Flow Regulation Type:	**None**
	Use:	
4.7	Stormwater Inputs	
Overland Flow	Road Ditch	
Field Ditch	Tile Drain	
Other	Ub Strm Wtr Pipe	
4.9	Beaver Dams:	**0**
	Affected length (ft.):	**0.0**
5.2	Migration Features	
	Flood Chutes:	**5**
	Neck Cutoffs:	**0**
	Channel Avulsions:	**1**
	Braiding:	**2**
5.3	Steep Riffles and Head Cuts	
	Steep Riffles:	**2**
	Head Cuts:	**0**
5.4	Animal Crossings:	**No**
5.5	Channel Alterations	
	Straightening:	**Straightening**
	Length (ft.):	**280.2**
	Dredging:	**None**

Phase 2 - FIT - Legacy Data Report

Williams River

SGAT Version: **4.56**

Reach: **M16 -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.):	**194.4**	**0.0**
	Railroad Lenth (ft.):	**2,642.8**	**0.0**
	Development Length:	**305.5**	**0.0**
3.1	Erosion - Bank	Left	Right
	Erosion Length (ft.):	**0.0**	**0.0**
	Erosion Height (ft.):	**0.0**	**0.0**
	Revetment Type:	**Multiple**	**Rip-Rap**
	Revetment length	**1,085.7**	**1,447.8**
3.2	Buffer Less Than 25 ft.	**1043**	**0**
3.3	Riparian Corridor	Left	Right
	Mass Failures:		
	Average Height (ft.):		
	Mass Failures:	**None**	
	Average Heigh (ft.):		
	Gullies:	**None**	
	Number of Gullies	**0**	
	Total Length of Gullies (ft.):	**0.0**	
	Average Height of Gullies		

Step	Description	Value
4.4	Number of Debris Jams:	**0**
4.5	Flow Regulation Type:	**None**
	Use:	
4.7	Stormwater Inputs	

Overland Flow	**0**	Road Ditch	**1**
Field Ditch	**0**	Tile Drain	**0**
Other	**0**	Ub Strm Wtr Pipe	**0**

4.9	Beaver Dams:	**0**
	Affected length (ft.):	**0.0**
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:	**No**
5.5	Channel Alterations	
	Straightening:	**None**
	Length (ft.):	**0.0**
	Dredging:	**None**

Phase 2 - FIT - Legacy Data Report

Williams River

SGAT Version: **4.56**

Reach: **T5.S1.01 -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.):	**440.7** / **0.0**
	Railroad Lenth (ft.):	**0.0** / **0.0**
	Development Length:	**0.0** / **1,222.7**
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	**985.8** / **174.1**
3.2	Buffer Less Than 25 ft.	**775** / **493**
3.3	Riparian Corridor	Left / Right
	Mass Failures:	
	Average Height (ft.):	
	Mass Failures:	**None**
	Average Heigh (ft.):	
	Gullies:	**None**
	Number of Gullies	**0**
	Total Length of Gullies (ft.):	**0.0**
	Average Height of Gullies	

Step	Description	Value
4.4	Number of Debris Jams:	**0**
4.5	Flow Regulation Type:	**None**
	Use:	
4.7	Stormwater Inputs	

Overland Flow	**0**	Road Ditch	**0**
Field Ditch	**0**	Tile Drain	**0**
Other	**0**	Ub Strm Wtr Pipe	**1**

4.9	Beaver Dams:	**0**
	Affected length (ft.):	**0.0**
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**
	Length (ft.):	**1,416.8**
	Dredging:	**Dredging**

Phase 2 - FIT - Legacy Data Report

Williams River

SGAT Version: **4.56**

Reach: **M19 -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.):	**3,861.5**	**0.0**
	Railroad Lenth (ft.):	**0.0**	**0.0**
	Development Length:	**207.4**	**0.0**
3.1	Erosion - Bank	Left	Right
	Erosion Length (ft.):	**0.0**	**0.0**
	Erosion Height (ft.):	**0.0**	**0.0**
	Revetment Type:	**Rip-Rap**	**None**
	Revetment length	**844.3**	**0.0**
3.2	Buffer Less Than 25 ft.	**3769**	**49**
3.3	Riparian Corridor	Left	Right
	Mass Failures:		
	Average Height (ft.):		
	Mass Failures:	**None**	
	Average Heigh (ft.):		
	Gullies:	**None**	
	Number of Gullies	**0**	
	Total Length of Gullies (ft.):	**0.0**	
	Average Height of Gullies		

Step	Description	Value
4.4	Number of Debris Jams:	**1**
4.5	Flow Regulation Type:	**None**
	Use:	
4.7	Stormwater Inputs	

Overland Flow	**0**	Road Ditch	**3**
Field Ditch	**0**	Tile Drain	**0**
Other	**0**	Ub Strm Wtr Pipe	**0**

4.9	Beaver Dams:	**0**
	Affected length (ft.):	**0.0**
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:	**None**
	Length (ft.):	**0.0**
	Dredging:	**None**

Phase 2 - FIT - Legacy Data Report

Williams River

SGAT Version: **4.56**

Reach: **T5.S1.09 -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.):	**2,828.6**	**0.0**
	Railroad Lenth (ft.):	**0.0**	**0.0**
	Development Length:	**34.4**	**0.0**
3.1	Erosion - Bank	Left	Right
	Erosion Length (ft.):	**701.5**	**300.3**
	Erosion Height (ft.):	**4.5**	**3.9**
	Revetment Type:	**Multiple**	**Rip-Rap**
	Revetment length	**994.6**	**263.6**
3.2	Buffer Less Than 25 ft.	**1284**	**231**
3.3	Riparian Corridor	Left	Right
	Mass Failures:		**308.3936**
	Average Height (ft.):		**26.7**
	Mass Failures:	**Multiple**	
	Average Heigh (ft.):	**26.7**	
	Gullies:	**One**	
	Number of Gullies	**1**	
	Total Length of Gullies (ft.):	**100.0**	
	Average Height of Gullies	**2.0**	

Step	Description	Value
4.4	Number of Debris Jams:	**6**
4.5	Flow Regulation Type:	**None**
	Use:	
4.7	Stormwater Inputs	
Overland Flow	Road Ditch	
Field Ditch	Tile Drain	
Other	Ub Strm Wtr Pipe	
4.9	Beaver Dams:	**0**
	Affected length (ft.):	**0.0**
5.2	Migration Features	
	Flood Chutes:	**1**
	Neck Cutoffs:	**0**
	Channel Avulsions:	**1**
	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**
	Length (ft.):	**0.0**
	Dredging:	**None**

Phase 2 - FIT - Legacy Data Report

Williams River

SGAT Version: **4.56**

Reach: **T5.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:	**188.8** / **0.0**
3.1	Erosion - Bank	Left / Right
	Erosion Length (ft.):	**443.7** / **279.9**
	Erosion Height (ft.):	**6.0** / **7.1**
	Revetment Type:	**None** / **Rip-Rap**
	Revetment length	**0.0** / **192.3**
3.2	Buffer Less Than 25 ft.	**0** / **212**
3.3	Riparian Corridor	Left / Right
	Mass Failures:	**46.21009**
	Average Height (ft.):	**12.0**
	Mass Failures:	**One**
	Average Heigh (ft.):	**12.0**
	Gullies:	**None**
	Number of Gullies	**0**
	Total Length of Gullies (ft.):	
	Average Height of Gullies	

Step	Description	Value
4.4	Number of Debris Jams:	**3**
4.5	Flow Regulation Type:	**None**
	Use:	
4.7	Stormwater Inputs	
Overland Flow	Road Ditch	
Field Ditch	Tile Drain	
Other	Ub Strm Wtr Pipe	
4.9	Beaver Dams:	**0**
	Affected length (ft.):	**0.0**
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**
	Length (ft.):	**0.0**
	Dredging:	**None**

Phase 2 - FIT - Legacy Data Report

Williams River

SGAT Version: **4.56**

Reach: **T5.S3.05 -B**

Step	Description	Value	
1.2	Alluvial Fan:	**None**	
1.3	Encroachments - Side	One	Both
	Berm Length (ft.):	**129.1**	**0.0**
	Path Length (ft.):	**0.0**	**0.0**
	Road Length (ft.):	**0.0**	**552.1**
	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:	**Rip-Rap**	**Rip-Rap**
	Revetment length	**60.8**	**82.6**
3.2	Buffer Less Than 25 ft.	**0**	**0**
3.3	Riparian Corridor	Left	Right
	Mass Failures:		**36.79319**
	Average Height (ft.):		**8.0**
	Mass Failures:	**One**	
	Average Heigh (ft.):	**8.0**	
	Gullies:	**None**	
	Number of Gullies	**0**	
	Total Length of Gullies (ft.):	**0.0**	
	Average Height of Gullies		

Step	Description	Value
4.4	Number of Debris Jams:	**2**
4.5	Flow Regulation Type:	**None**
	Use:	
4.7	Stormwater Inputs	
Overland Flow	Road Ditch	
Field Ditch	Tile Drain	
Other	Ub Strm Wtr Pipe	
4.9	Beaver Dams:	**1**
	Affected length (ft.):	**100.0**
5.2	Migration Features	
	Flood Chutes:	**0**
	Neck Cutoffs:	**0**
	Channel Avulsions:	**0**
	Braiding:	**0**
5.3	Steep Riffles and Head Cuts	
	Steep Riffles:	**1**
	Head Cuts:	**0**
5.4	Animal Crossings:	**No**
5.5	Channel Alterations	
	Straightening:	**Straightening**
	Length (ft.):	**507.3**
	Dredging:	**Dredging**

Phase 2 - FIT - Legacy Data Report

Williams River

SGAT Version: **4.56**

Reach: **M14 -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.):	**5,627.4**	**0.0**
	Railroad Lenth (ft.):	**1,985.8**	**0.0**
	Development Length:	**111.9**	**0.0**
3.1	Erosion - Bank	Left	Right
	Erosion Length (ft.):	**335.4**	**185.9**
	Erosion Height (ft.):	**4.4**	**3.9**
	Revetment Type:	**Rip-Rap**	**Rip-Rap**
	Revetment length	**2,581.3**	**1,379.3**
3.2	Buffer Less Than 25 ft.	**6440**	**6393**
3.3	Riparian Corridor	Left	Right
	Mass Failures:		**17.71096**
	Average Height (ft.):		**20.0**
	Mass Failures:	**One**	
	Average Heigh (ft.):	**20.0**	
	Gullies:	**None**	
	Number of Gullies	**0**	
	Total Length of Gullies (ft.):	**0.0**	
	Average Height of Gullies		

Step	Description	Value
4.4	Number of Debris Jams:	**1**
4.5	Flow Regulation Type:	**None**
	Use:	
4.7	Stormwater Inputs	

Overland Flow	**0**	Road Ditch	**2**
Field Ditch	**0**	Tile Drain	**0**
Other	**0**	Ub Strm Wtr Pipe	**0**

4.9	Beaver Dams:	**0**
	Affected length (ft.):	**0.0**
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**
	Length (ft.):	**3,958.1**
	Dredging:	**None**

Phase 2 - FIT - Legacy Data Report

Williams River

SGAT Version: **4.56**

Reach: **T7.01 -B**

Step	Description	Value	
1.2	Alluvial Fan:	**None**	
1.3	Encroachments - Side	One	Both
	Berm Length (ft.):	**217.6**	**0.0**
	Path Length (ft.):	**0.0**	**0.0**
	Road Length (ft.):	**450.8**	**0.0**
	Railroad Lenth (ft.):	**0.0**	**0.0**
	Development Length:	**57.5**	**114.4**
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	**192.6**	**258.9**
3.2	Buffer Less Than 25 ft.	**1500**	**2447**
3.3	Riparian Corridor	Left	Right
	Mass Failures:		
	Average Height (ft.):		
	Mass Failures:	**None**	
	Average Heigh (ft.):		
	Gullies:	**None**	
	Number of Gullies	**0**	
	Total Length of Gullies (ft.):		
	Average Height of Gullies		

Step	Description	Value
4.4	Number of Debris Jams:	**2**
4.5	Flow Regulation Type:	**None**
	Use:	
4.7	Stormwater Inputs	
Overland Flow	Road Ditch	
Field Ditch	Tile Drain	
Other	Ub Strm Wtr Pipe	
4.9	Beaver Dams:	**0**
	Affected length (ft.):	**0.0**
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:	**Straightening**
	Length (ft.):	**1,661.8**
	Dredging:	**None**

Phase 2 - FIT - Legacy Data Report

Williams River

SGAT Version: **4.56**

Reach: **M07 -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.):	**84.0** / **0.0**
	Railroad Lenth (ft.):	**0.0** / **0.0**
	Development Length:	**43.1** / **0.0**
3.1	Erosion - Bank	Left / Right
	Erosion Length (ft.):	**0.0** / **0.0**
	Erosion Height (ft.):	**0.0** / **0.0**
	Revetment Type:	**Rip-Rap** / **Rip-Rap**
	Revetment length	**75.5** / **54.9**
3.2	Buffer Less Than 25 ft.	**0** / **494**
3.3	Riparian Corridor	Left / Right
	Mass Failures:	
	Average Height (ft.):	
	Mass Failures:	**None**
	Average Heigh (ft.):	
	Gullies:	**None**
	Number of Gullies	**0**
	Total Length of Gullies (ft.):	**0.0**
	Average Height of Gullies	

Step	Description	Value
4.4	Number of Debris Jams:	**0**
4.5	Flow Regulation Type:	**None**
	Use:	
4.7	Stormwater Inputs	
Overland Flow	Road Ditch	
Field Ditch	Tile Drain	
Other	Ub Strm Wtr Pipe	
4.9	Beaver Dams:	**0**
	Affected length (ft.):	**0.0**
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**
	Length (ft.):	**0.0**
	Dredging:	**None**

Phase 2 - FIT - Legacy Data Report

Williams River

SGAT Version: **4.56**

Reach: **T5.S1.07 -0**

Step	Description	Value	
1.2	Alluvial Fan:	**None**	
1.3	Encroachments - Side	One	Both
	Berm Length (ft.):	**1,171.5**	**0.0**
	Path Length (ft.):	**0.0**	**0.0**
	Road Length (ft.):	**5,132.7**	**0.0**
	Railroad Lenth (ft.):	**0.0**	**0.0**
	Development Length:	**894.0**	**0.0**
3.1	Erosion - Bank	Left	Right
	Erosion Length (ft.):	**575.1**	**784.8**
	Erosion Height (ft.):	**3.4**	**5.6**
	Revetment Type:	**Multiple**	**Rip-Rap**
	Revetment length	**1,985.9**	**542.1**
3.2	Buffer Less Than 25 ft.	**1189**	**410**
3.3	Riparian Corridor	Left	Right
	Mass Failures:	**391.7063**	**692.892**
	Average Height (ft.):	**29.9**	**22.7**
	Mass Failures:	**Multiple**	
	Average Heigh (ft.):	**24.0**	
	Gullies:	**One**	
	Number of Gullies	**1**	
	Total Length of Gullies (ft.):	**150.0**	
	Average Height of Gullies	**4.0**	

Step	Description	Value
4.4	Number of Debris Jams:	**12**
4.5	Flow Regulation Type:	**None**
	Use:	
4.7	Stormwater Inputs	

Overland Flow	**0**	Road Ditch	**1**
Field Ditch	**0**	Tile Drain	**0**
Other	**0**	Ub Strm Wtr Pipe	**0**

4.9	Beaver Dams:	**0**
	Affected length (ft.):	**0.0**
5.2	Migration Features	
	Flood Chutes:	**11**
	Neck Cutoffs:	**0**
	Channel Avulsions:	**2**
	Braiding:	**0**
5.3	Steep Riffles and Head Cuts	
	Steep Riffles:	**6**
	Head Cuts:	**1**
5.4	Animal Crossings:	**No**
5.5	Channel Alterations	
	Straightening:	**None**
	Length (ft.):	**0.0**
	Dredging:	**None**

Phase 2 - FIT - Legacy Data Report

Williams River

SGAT Version: **4.56**

Reach: **T5.S3.04 -B**

Step	Description	Value	
1.2	Alluvial Fan:	**None**	
1.3	Encroachments - Side	One	Both
	Berm Length (ft.):	**444.8**	**0.0**
	Path Length (ft.):	**0.0**	**0.0**
	Road Length (ft.):	**1,178.3**	**0.0**
	Railroad Lenth (ft.):	**0.0**	**0.0**
	Development Length:	**180.8**	**0.0**
3.1	Erosion - Bank	Left	Right
	Erosion Length (ft.):	**0.0**	**0.0**
	Erosion Height (ft.):	**0.0**	**0.0**
	Revetment Type:	**Rip-Rap**	**Rip-Rap**
	Revetment length	**151.1**	**245.3**
3.2	Buffer Less Than 25 ft.	**358**	**453**
3.3	Riparian Corridor	Left	Right
	Mass Failures:		
	Average Height (ft.):		
	Mass Failures:	**None**	
	Average Heigh (ft.):		
	Gullies:	**None**	
	Number of Gullies	**0**	
	Total Length of Gullies (ft.):	**0.0**	
	Average Height of Gullies		

Step	Description	Value
4.4	Number of Debris Jams:	**4**
4.5	Flow Regulation Type:	**None**
	Use:	
4.7	Stormwater Inputs	
Overland Flow	Road Ditch	
Field Ditch	Tile Drain	
Other	Ub Strm Wtr Pipe	
4.9	Beaver Dams:	**2**
	Affected length (ft.):	**160.0**
5.2	Migration Features	
	Flood Chutes:	**2**
	Neck Cutoffs:	**0**
	Channel Avulsions:	**2**
	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**
	Length (ft.):	**457.1**
	Dredging:	**Dredging**

Phase 2 - FIT - Legacy Data Report

Williams River

SGAT Version: **4.56**

Reach: **T5.S3.03 -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.):	**286.7** / **0.0**
	Railroad Lenth (ft.):	**0.0** / **0.0**
	Development Length:	**0.0** / **0.0**
3.1	Erosion - Bank	Left / Right
	Erosion Length (ft.):	**137.2** / **80.8**
	Erosion Height (ft.):	**9.6** / **4.0**
	Revetment Type:	**Rip-Rap** / **Rip-Rap**
	Revetment length	**159.3** / **103.0**
3.2	Buffer Less Than 25 ft.	**290** / **1066**
3.3	Riparian Corridor	Left / Right
	Mass Failures:	**133.754** / **163.6944**
	Average Height (ft.):	**52.8** / **20.6**
	Mass Failures:	**Multiple**
	Average Heigh (ft.):	**35.5**
	Gullies:	**None**
	Number of Gullies	**0**
	Total Length of Gullies (ft.):	**0.0**
	Average Height of Gullies	

Step	Description	Value
4.4	Number of Debris Jams:	**9**
4.5	Flow Regulation Type:	**Small Withdrawal**
	Use:	**Other**
4.7	Stormwater Inputs	
	Overland Flow	Road Ditch
	Field Ditch	Tile Drain
	Other	Ub Strm Wtr Pipe
4.9	Beaver Dams:	**0**
	Affected length (ft.):	**0.0**
5.2	Migration Features	
	Flood Chutes:	**7**
	Neck Cutoffs:	**0**
	Channel Avulsions:	**0**
	Braiding:	**0**
5.3	Steep Riffles and Head Cuts	
	Steep Riffles:	**6**
	Head Cuts:	**0**
5.4	Animal Crossings:	**No**
5.5	Channel Alterations	
	Straightening:	**Straightening**
	Length (ft.):	**1,364.1**
	Dredging:	**None**

Phase 2 - FIT - Legacy Data Report

Williams River

SGAT Version: **4.56**

Reach: **M20 -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.):	**3,068.4**	**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:	**Rip-Rap**	**None**
	Revetment length	**2,313.9**	**0.0**
3.2	Buffer Less Than 25 ft.	**2491**	**0**
3.3	Riparian Corridor	Left	Right
	Mass Failures:		
	Average Height (ft.):		
	Mass Failures:	**None**	
	Average Heigh (ft.):		
	Gullies:	**None**	
	Number of Gullies	**0**	
	Total Length of Gullies (ft.):	**0.0**	
	Average Height of Gullies		

Step	Description	Value
4.4	Number of Debris Jams:	**0**
4.5	Flow Regulation Type:	**None**
	Use:	
4.7	Stormwater Inputs	

Overland Flow	**0**	Road Ditch	**1**
Field Ditch	**0**	Tile Drain	**0**
Other	**0**	Ub Strm Wtr Pipe	**0**

4.9	Beaver Dams:	**0**
	Affected length (ft.):	**0.0**
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**
	Length (ft.):	**0.0**
	Dredging:	**None**

Phase 2 - FIT - Legacy Data Report

Williams River

SGAT Version: **4.56**

Reach: **T5.06 -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.):	**1,426.5**	**0.0**
	Railroad Lenth (ft.):	**0.0**	**0.0**
	Development Length:	**522.7**	**0.0**
3.1	Erosion - Bank	Left	Right
	Erosion Length (ft.):	**967.0**	**680.5**
	Erosion Height (ft.):	**7.7**	**5.0**
	Revetment Type:	**Rip-Rap**	**Rip-Rap**
	Revetment length	**422.8**	**874.1**
3.2	Buffer Less Than 25 ft.	**406**	**441**
3.3	Riparian Corridor	Left	Right
	Mass Failures:	**602.7814**	**173.676**
	Average Height (ft.):	**77.7**	**15.0**
	Mass Failures:	**Multiple**	
	Average Heigh (ft.):	**43.8**	
	Gullies:	**None**	
	Number of Gullies	**0**	
	Total Length of Gullies (ft.):	**0.0**	
	Average Height of Gullies		

Step	Description	Value
4.4	Number of Debris Jams:	**6**
4.5	Flow Regulation Type:	**None**
	Use:	
4.7	Stormwater Inputs	

Overland Flow	**0**	Road Ditch	**0**
Field Ditch	**1**	Tile Drain	**0**
Other	**0**	Ub Strm Wtr Pipe	**0**

4.9	Beaver Dams:	**0**
	Affected length (ft.):	**0.0**
5.2	Migration Features	
	Flood Chutes:	**3**
	Neck Cutoffs:	**0**
	Channel Avulsions:	**0**
	Braiding:	**0**
5.3	Steep Riffles and Head Cuts	
	Steep Riffles:	**6**
	Head Cuts:	**0**
5.4	Animal Crossings:	**No**
5.5	Channel Alterations	
	Straightening:	**Straightening**
	Length (ft.):	**169.0**
	Dredging:	**None**

Phase 2 - FIT - Legacy Data Report

Williams River

SGAT Version: **4.56**

Reach: **T5.06 -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.):	**1,426.5**	**0.0**
	Railroad Lenth (ft.):	**0.0**	**0.0**
	Development Length:	**522.7**	**0.0**
3.1	Erosion - Bank	Left	Right
	Erosion Length (ft.):	**967.0**	**680.5**
	Erosion Height (ft.):	**7.7**	**5.0**
	Revetment Type:	**Rip-Rap**	**Rip-Rap**
	Revetment length	**422.8**	**874.1**
3.2	Buffer Less Than 25 ft.	**406**	**441**
3.3	Riparian Corridor	Left	Right
	Mass Failures:	**602.7814**	**173.676**
	Average Height (ft.):	**77.7**	**15.0**
	Mass Failures:	**Multiple**	
	Average Heigh (ft.):	**43.8**	
	Gullies:	**None**	
	Number of Gullies	**0**	
	Total Length of Gullies (ft.):	**0.0**	
	Average Height of Gullies		

Step	Description	Value
4.4	Number of Debris Jams:	**6**
4.5	Flow Regulation Type:	**None**
	Use:	
4.7	Stormwater Inputs	

Overland Flow	**0**	Road Ditch	**0**
Field Ditch	**0**	Tile Drain	**0**
Other	**1**	Ub Strm Wtr Pipe	**0**

4.9	Beaver Dams:	**0**
	Affected length (ft.):	**0.0**
5.2	Migration Features	
	Flood Chutes:	**3**
	Neck Cutoffs:	**0**
	Channel Avulsions:	**0**
	Braiding:	**0**
5.3	Steep Riffles and Head Cuts	
	Steep Riffles:	**6**
	Head Cuts:	**0**
5.4	Animal Crossings:	**No**
5.5	Channel Alterations	
	Straightening:	**Straightening**
	Length (ft.):	**169.0**
	Dredging:	**None**

Phase 2 - FIT - Legacy Data Report

Williams River

SGAT Version: **4.56**

Reach: **M15 -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.):	**1,718.5**	**0.0**
	Development Length:	**424.0**	**0.0**
3.1	Erosion - Bank	Left	Right
	Erosion Length (ft.):	**232.3**	**0.0**
	Erosion Height (ft.):	**4.9**	**0.0**
	Revetment Type:	**Rip-Rap**	**Rip-Rap**
	Revetment length	**194.7**	**119.7**
3.2	Buffer Less Than 25 ft.	**169**	**0**
3.3	Riparian Corridor	Left	Right
	Mass Failures:		
	Average Height (ft.):		
	Mass Failures:	**None**	
	Average Heigh (ft.):		
	Gullies:	**None**	
	Number of Gullies	**0**	
	Total Length of Gullies (ft.):	**0.0**	
	Average Height of Gullies		

Step	Description	Value
4.4	Number of Debris Jams:	**2**
4.5	Flow Regulation Type:	**None**
	Use:	
4.7	Stormwater Inputs	
Overland Flow	Road Ditch	
Field Ditch	Tile Drain	
Other	Ub Strm Wtr Pipe	
4.9	Beaver Dams:	**0**
	Affected length (ft.):	**0.0**
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**
	Length (ft.):	**996.8**
	Dredging:	**None**

Phase 2 - FIT - Legacy Data Report

Williams River

SGAT Version: **4.56**

Reach: **T5.S3.01 -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.):	**156.4**	**794.0**
	Railroad Lenth (ft.):	**0.0**	**0.0**
	Development Length:	**272.2**	**249.9**
3.1	Erosion - Bank	Left	Right
	Erosion Length (ft.):	**709.5**	**465.2**
	Erosion Height (ft.):	**6.1**	**5.7**
	Revetment Type:	**None**	**Rip-Rap**
	Revetment length	**0.0**	**804.7**
3.2	Buffer Less Than 25 ft.	**40**	**1171**
3.3	Riparian Corridor	Left	Right
	Mass Failures:	**370.0052**	
	Average Height (ft.):	**42.8**	
	Mass Failures:	**Multiple**	
	Average Heigh (ft.):	**38.3**	
	Gullies:	**None**	
	Number of Gullies	**0**	
	Total Length of Gullies (ft.):	**0.0**	
	Average Height of Gullies		

Step	Description	Value
4.4	Number of Debris Jams:	**10**
4.5	Flow Regulation Type:	**None**
	Use:	
4.7	Stormwater Inputs	
Overland Flow	Road Ditch	
Field Ditch	Tile Drain	
Other	Ub Strm Wtr Pipe	
4.9	Beaver Dams:	**0**
	Affected length (ft.):	**0.0**
5.2	Migration Features	
	Flood Chutes:	**4**
	Neck Cutoffs:	**0**
	Channel Avulsions:	**0**
	Braiding:	**0**
5.3	Steep Riffles and Head Cuts	
	Steep Riffles:	**6**
	Head Cuts:	**0**
5.4	Animal Crossings:	**No**
5.5	Channel Alterations	
	Straightening:	**Straightening**
	Length (ft.):	**551.6**
	Dredging:	**None**

Phase 2 - FIT - Legacy Data Report

Williams River

SGAT Version: **4.56**

Reach: **T5.S3.02 -0**

Step	Description	Value	
1.2	Alluvial Fan:	**None**	
1.3	Encroachments - Side	One	Both
	Berm Length (ft.):	**235.0**	**0.0**
	Path Length (ft.):	**0.0**	**0.0**
	Road Length (ft.):	**3,707.9**	**478.0**
	Railroad Lenth (ft.):	**0.0**	**0.0**
	Development Length:	**688.0**	**0.0**
3.1	Erosion - Bank	Left	Right
	Erosion Length (ft.):	**797.9**	**851.2**
	Erosion Height (ft.):	**8.4**	**5.8**
	Revetment Type:	**Rip-Rap**	**Rip-Rap**
	Revetment length	**914.9**	**375.9**
3.2	Buffer Less Than 25 ft.	**211**	**799**
3.3	Riparian Corridor	Left	Right
	Mass Failures:		**179.0063**
	Average Height (ft.):		**14.3**
	Mass Failures:	**Multiple**	
	Average Heigh (ft.):	**12.5**	
	Gullies:	**None**	
	Number of Gullies	**0**	
	Total Length of Gullies (ft.):	**0.0**	
	Average Height of Gullies		

Step	Description	Value
4.4	Number of Debris Jams:	**11**
4.5	Flow Regulation Type:	**None**
	Use:	
4.7	Stormwater Inputs	
Overland Flow	Road Ditch	
Field Ditch	Tile Drain	
Other	Ub Strm Wtr Pipe	
4.9	Beaver Dams:	**0**
	Affected length (ft.):	**0.0**
5.2	Migration Features	
	Flood Chutes:	**4**
	Neck Cutoffs:	**0**
	Channel Avulsions:	**1**
	Braiding:	**0**
5.3	Steep Riffles and Head Cuts	
	Steep Riffles:	**8**
	Head Cuts:	**0**
5.4	Animal Crossings:	**No**
5.5	Channel Alterations	
	Straightening:	**Straightening**
	Length (ft.):	**610.3**
	Dredging:	**None**

Phase 2 - FIT - Legacy Data Report

Williams River

SGAT Version: **4.56**

Reach: **T5.02 -0**

Step	Description	Value	
1.2	Alluvial Fan:	**None**	
1.3	Encroachments - Side	One	Both
	Berm Length (ft.):	**398.9**	**0.0**
	Path Length (ft.):	**0.0**	**0.0**
	Road Length (ft.):	**2,510.8**	**437.1**
	Railroad Lenth (ft.):	**0.0**	**0.0**
	Development Length:	**4,454.5**	**1,080.7**
3.1	Erosion - Bank	Left	Right
	Erosion Length (ft.):	**1,905.2**	**1,390.2**
	Erosion Height (ft.):	**11.1**	**5.5**
	Revetment Type:	**Rip-Rap**	**Rip-Rap**
	Revetment length	**1,473.7**	**855.2**
3.2	Buffer Less Than 25 ft.	**589**	**928**
3.3	Riparian Corridor	Left	Right
	Mass Failures:		**244.243**
	Average Height (ft.):		**37.1**
	Mass Failures:	**Multiple**	
	Average Heigh (ft.):	**37.5**	
	Gullies:	**None**	
	Number of Gullies	**0**	
	Total Length of Gullies (ft.):	**0.0**	
	Average Height of Gullies		

Step	Description	Value
4.4	Number of Debris Jams:	**0**
4.5	Flow Regulation Type:	**None**
	Use:	
4.7	Stormwater Inputs	

Overland Flow	**0**	Road Ditch	**4**
Field Ditch	**0**	Tile Drain	**0**
Other	**0**	Ub Strm Wtr Pipe	**0**

4.9	Beaver Dams:	**0**
	Affected length (ft.):	**0.0**
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**
	Length (ft.):	**3,676.0**
	Dredging:	**Dredging**

Phase 2 - FIT - Legacy Data Report

Williams River

SGAT Version: **4.56**

Reach: **M12 -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.):	**3,112.8**		**371.5**
	Railroad Lenth (ft.):	**0.0**		**0.0**
	Development Length:	**2,065.9**		**0.0**
3.1	Erosion - Bank	Left		Right
	Erosion Length (ft.):	**132.9**		**98.6**
	Erosion Height (ft.):	**6.1**		**4.3**
	Revetment Type:	**Rip-Rap**		**Rip-Rap**
	Revetment length	**1,554.4**		**1,697.3**
3.2	Buffer Less Than 25 ft.	**4745**		**1105**
3.3	Riparian Corridor	Left		Right
	Mass Failures:			
	Average Height (ft.):			
	Mass Failures:		**None**	
	Average Heigh (ft.):			
	Gullies:		**None**	
	Number of Gullies		**0**	
	Total Length of Gullies (ft.):		**0.0**	
	Average Height of Gullies			

Step	Description	Value
4.4	Number of Debris Jams:	**1**
4.5	Flow Regulation Type:	**None**
	Use:	
4.7	Stormwater Inputs	

Overland Flow	**0**	Road Ditch	**1**
Field Ditch	**0**	Tile Drain	**0**
Other	**0**	Ub Strm Wtr Pipe	**0**

4.9	Beaver Dams:	**0**
	Affected length (ft.):	**0.0**
5.2	Migration Features	
	Flood Chutes:	**0**
	Neck Cutoffs:	**0**
	Channel Avulsions:	**0**
	Braiding:	**0**
5.3	Steep Riffles and Head Cuts	
	Steep Riffles:	**1**
	Head Cuts:	**0**
5.4	Animal Crossings:	**No**
5.5	Channel Alterations	
	Straightening:	**Straightening**
	Length (ft.):	**1,935.1**
	Dredging:	**Dredging**

Phase 2 - FIT - Legacy Data Report

Williams River

SGAT Version: **4.56**

Reach: **T5.S3.b.01 -0**

Step	Description	Value	
1.2	Alluvial Fan:	**Yes**	
1.3	Encroachments - Side	One	Both
	Berm Length (ft.):	**926.2**	**0.0**
	Path Length (ft.):	**0.0**	**0.0**
	Road Length (ft.):	**3,304.4**	**0.0**
	Railroad Lenth (ft.):	**0.0**	**0.0**
	Development Length:	**679.5**	**0.0**
3.1	Erosion - Bank	Left	Right
	Erosion Length (ft.):	**0.0**	**109.3**
	Erosion Height (ft.):	**0.0**	**7.5**
	Revetment Type:	**Rip-Rap**	**Rip-Rap**
	Revetment length	**1,490.9**	**89.8**
3.2	Buffer Less Than 25 ft.	**2477**	**0**
3.3	Riparian Corridor	Left	Right
	Mass Failures:		**145.8748**
	Average Height (ft.):		**17.6**
	Mass Failures:	**Multiple**	
	Average Heigh (ft.):	**16.7**	
	Gullies:	**None**	
	Number of Gullies	**0**	
	Total Length of Gullies (ft.):	**0.0**	
	Average Height of Gullies		

Step	Description	Value
4.4	Number of Debris Jams:	**6**
4.5	Flow Regulation Type:	**None**
	Use:	
4.7	Stormwater Inputs	

Overland Flow	**0**	Road Ditch	**1**
Field Ditch	**0**	Tile Drain	**0**
Other	**0**	Ub Strm Wtr Pipe	**0**

4.9	Beaver Dams:	**0**
	Affected length (ft.):	**0.0**
5.2	Migration Features	
	Flood Chutes:	**0**
	Neck Cutoffs:	**0**
	Channel Avulsions:	**0**
	Braiding:	**0**
5.3	Steep Riffles and Head Cuts	
	Steep Riffles:	**1**
	Head Cuts:	**0**
5.4	Animal Crossings:	**No**
5.5	Channel Alterations	
	Straightening:	**With Windrowing**
	Length (ft.):	**1,651.2**
	Dredging:	**Dredging**

Phase 2 - FIT - Legacy Data Report

Williams River

SGAT Version: **4.56**

Reach: **T5.S3.05 -A**

Step	Description	Value	
1.2	Alluvial Fan:	**Yes**	
1.3	Encroachments - Side	One	Both
	Berm Length (ft.):	**54.0**	**48.2**
	Path Length (ft.):	**0.0**	**0.0**
	Road Length (ft.):	**1,151.0**	**378.9**
	Railroad Lenth (ft.):	**0.0**	**0.0**
	Development Length:	**1,158.5**	**0.0**
3.1	Erosion - Bank	Left	Right
	Erosion Length (ft.):	**0.0**	**202.6**
	Erosion Height (ft.):	**0.0**	**2.5**
	Revetment Type:	**Rip-Rap**	**Rip-Rap**
	Revetment length	**266.1**	**695.0**
3.2	Buffer Less Than 25 ft.	**0**	**1320**
3.3	Riparian Corridor	Left	Right
	Mass Failures:		
	Average Height (ft.):		
	Mass Failures:	**None**	
	Average Heigh (ft.):		
	Gullies:	**None**	
	Number of Gullies	**0**	
	Total Length of Gullies (ft.):	**0.0**	
	Average Height of Gullies		

Step	Description	Value
4.4	Number of Debris Jams:	**0**
4.5	Flow Regulation Type:	**None**
	Use:	
4.7	Stormwater Inputs	

Overland Flow	**0**	Road Ditch	**1**
Field Ditch	**0**	Tile Drain	**0**
Other	**0**	Ub Strm Wtr Pipe	**0**

4.9	Beaver Dams:	**0**
	Affected length (ft.):	**0.0**
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**
	Length (ft.):	**1,157.0**
	Dredging:	**Dredging**

Phase 2 - FIT - Legacy Data Report

Williams River

SGAT Version: **4.56**

Reach: **T5.S1.02 -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.):	**2,170.9**	**0.0**
	Railroad Lenth (ft.):	**0.0**	**0.0**
	Development Length:	**186.0**	**305.6**
3.1	Erosion - Bank	Left	Right
	Erosion Length (ft.):	**1,022.5**	**62.0**
	Erosion Height (ft.):	**4.2**	**5.0**
	Revetment Type:	**Rip-Rap**	**Rip-Rap**
	Revetment length	**293.6**	**286.8**
3.2	Buffer Less Than 25 ft.	**868**	**373**
3.3	Riparian Corridor	Left	Right
	Mass Failures:	**147.6574**	**304.48**
	Average Height (ft.):	**20.0**	**32.8**
	Mass Failures:	**Multiple**	
	Average Heigh (ft.):	**25.0**	
	Gullies:	**None**	
	Number of Gullies	**0**	
	Total Length of Gullies (ft.):	**0.0**	
	Average Height of Gullies		

Step	Description	Value
4.4	Number of Debris Jams:	**4**
4.5	Flow Regulation Type:	**None**
	Use:	
4.7	Stormwater Inputs	
Overland Flow	Road Ditch	
Field Ditch	Tile Drain	
Other	Ub Strm Wtr Pipe	
4.9	Beaver Dams:	**0**
	Affected length (ft.):	**0.0**
5.2	Migration Features	
	Flood Chutes:	**3**
	Neck Cutoffs:	**0**
	Channel Avulsions:	**1**
	Braiding:	**0**
5.3	Steep Riffles and Head Cuts	
	Steep Riffles:	**3**
	Head Cuts:	**0**
5.4	Animal Crossings:	**No**
5.5	Channel Alterations	
	Straightening:	**Straightening**
	Length (ft.):	**757.1**
	Dredging:	**Dredging**

Phase 2 - FIT - Legacy Data Report

Williams River

SGAT Version: **4.56**

Reach: **M22 -0**

Step	Description	Value	
1.2	Alluvial Fan:	**Yes**	
1.3	Encroachments - Side	One	Both
	Berm Length (ft.):	**495.7**	**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:	**77.5**	**0.0**
3.1	Erosion - Bank	Left	Right
	Erosion Length (ft.):	**55.2**	**55.6**
	Erosion Height (ft.):	**8.0**	**8.0**
	Revetment Type:	**Rip-Rap**	**None**
	Revetment length	**183.8**	**0.0**
3.2	Buffer Less Than 25 ft.	**172**	**0**
3.3	Riparian Corridor	Left	Right
	Mass Failures:		**41.38082**
	Average Height (ft.):		**15.0**
	Mass Failures:	**One**	
	Average Heigh (ft.):	**15.0**	
	Gullies:	**None**	
	Number of Gullies	**0**	
	Total Length of Gullies (ft.):	**0.0**	
	Average Height of Gullies		

Step	Description	Value
4.4	Number of Debris Jams:	**4**
4.5	Flow Regulation Type:	**None**
	Use:	
4.7	Stormwater Inputs	

Overland Flow	**0**	Road Ditch	**1**
Field Ditch	**0**	Tile Drain	**0**
Other	**0**	Ub Strm Wtr Pipe	**0**

4.9	Beaver Dams:	**0**
	Affected length (ft.):	**0.0**
5.2	Migration Features	
	Flood Chutes:	**7**
	Neck Cutoffs:	**0**
	Channel Avulsions:	**1**
	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:	**None**
	Length (ft.):	**0.0**
	Dredging:	**None**

Phase 2 - FIT - Legacy Data Report

Williams River

SGAT Version: **4.56**

Reach: **T5.S1.06 -0**

Step	Description	Value	
1.2	Alluvial Fan:	**None**	
1.3	Encroachments - Side	One	Both
	Berm Length (ft.):	**287.4**	**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:	**432.7**	**0.0**
3.1	Erosion - Bank	Left	Right
	Erosion Length (ft.):	**391.8**	**206.5**
	Erosion Height (ft.):	**5.6**	**6.1**
	Revetment Type:	**Rip-Rap**	**None**
	Revetment length	**97.5**	**0.0**
3.2	Buffer Less Than 25 ft.	**0**	**0**
3.3	Riparian Corridor	Left	Right
	Mass Failures:		**261.9662**
	Average Height (ft.):		**21.4**
	Mass Failures:	**Multiple**	
	Average Heigh (ft.):	**17.7**	
	Gullies:	**None**	
	Number of Gullies	**0**	
	Total Length of Gullies (ft.):	**0.0**	
	Average Height of Gullies		

Step	Description	Value
4.4	Number of Debris Jams:	**0**
4.5	Flow Regulation Type:	**None**
	Use:	
4.7	Stormwater Inputs	

Overland Flow	**0**	Road Ditch	**1**
Field Ditch	**0**	Tile Drain	**0**
Other	**0**	Ub Strm Wtr Pipe	**0**

4.9	Beaver Dams:	**0**
	Affected length (ft.):	**0.0**
5.2	Migration Features	
	Flood Chutes:	**1**
	Neck Cutoffs:	**0**
	Channel Avulsions:	**0**
	Braiding:	**0**
5.3	Steep Riffles and Head Cuts	
	Steep Riffles:	**4**
	Head Cuts:	**0**
5.4	Animal Crossings:	**Yes**
5.5	Channel Alterations	
	Straightening:	**Straightening**
	Length (ft.):	**520.1**
	Dredging:	**None**

Phase 2 - FIT - Legacy Data Report

Williams River

SGAT Version: **4.56**

Reach: **T5.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.):	**427.6**	**126.6**
	Railroad Lenth (ft.):	**0.0**	**0.0**
	Development Length:	**136.8**	**0.0**
3.1	Erosion - Bank	Left	Right
	Erosion Length (ft.):	**444.1**	**213.1**
	Erosion Height (ft.):	**4.7**	**6.2**
	Revetment Type:	**Rip-Rap**	**Rip-Rap**
	Revetment length	**27.1**	**28.1**
3.2	Buffer Less Than 25 ft.	**33**	**417**
3.3	Riparian Corridor	Left	Right
	Mass Failures:	**55.39374**	**260.916**
	Average Height (ft.):	**10.0**	**25.6**
	Mass Failures:	**Multiple**	
	Average Heigh (ft.):	**16.8**	
	Gullies:	**One**	
	Number of Gullies	**1**	
	Total Length of Gullies (ft.):	**100.0**	
	Average Height of Gullies	**2.0**	

Step	Description	Value
4.4	Number of Debris Jams:	**3**
4.5	Flow Regulation Type:	**None**
	Use:	
4.7	Stormwater Inputs	
Overland Flow	Road Ditch	
Field Ditch	Tile Drain	
Other	Ub Strm Wtr Pipe	
4.9	Beaver Dams:	**0**
	Affected length (ft.):	**0.0**
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:	**No**
5.5	Channel Alterations	
	Straightening:	**Straightening**
	Length (ft.):	**680.1**
	Dredging:	**None**

Phase 2 - FIT - Legacy Data Report

Williams River

SGAT Version: **4.56**

Reach: **T5.09 -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.):	**2,306.2**	**0.0**
	Railroad Lenth (ft.):	**0.0**	**0.0**
	Development Length:	**182.4**	**0.0**
3.1	Erosion - Bank	Left	Right
	Erosion Length (ft.):	**535.5**	**332.8**
	Erosion Height (ft.):	**4.9**	**6.3**
	Revetment Type:	**Rip-Rap**	**Rip-Rap**
	Revetment length	**225.6**	**909.3**
3.2	Buffer Less Than 25 ft.	**61**	**591**
3.3	Riparian Corridor	Left	Right
	Mass Failures:	**92.18665**	**41.16711**
	Average Height (ft.):	**15.0**	**15.0**
	Mass Failures:	**Multiple**	
	Average Heigh (ft.):	**15.0**	
	Gullies:	**None**	
	Number of Gullies	**0**	
	Total Length of Gullies (ft.):	**0.0**	
	Average Height of Gullies		

Step	Description	Value
4.4	Number of Debris Jams:	**5**
4.5	Flow Regulation Type:	**None**
	Use:	
4.7	Stormwater Inputs	

Overland Flow	**0**	Road Ditch	**4**
Field Ditch	**0**	Tile Drain	**0**
Other	**0**	Ub Strm Wtr Pipe	**0**

4.9	Beaver Dams:	**0**
	Affected length (ft.):	**0.0**
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:	**No**
5.5	Channel Alterations	
	Straightening:	**Straightening**
	Length (ft.):	**971.6**
	Dredging:	**Dredging**

Phase 2 - FIT - Legacy Data Report

Williams River

SGAT Version: **4.56**

Reach: **T5.09 -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** / **45.5**
	Erosion Height (ft.):	**0.0** / **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	Left / Right
	Mass Failures:	
	Average Height (ft.):	
	Mass Failures:	**None**
	Average Heigh (ft.):	
	Gullies:	**None**
	Number of Gullies	**0**
	Total Length of Gullies (ft.):	**0.0**
	Average Height of Gullies	

Step	Description	Value
4.4	Number of Debris Jams:	**1**
4.5	Flow Regulation Type:	**None**
	Use:	
4.7	Stormwater Inputs	
Overland Flow	Road Ditch	
Field Ditch	Tile Drain	
Other	Ub Strm Wtr Pipe	
4.9	Beaver Dams:	**0**
	Affected length (ft.):	**0.0**
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**
	Length (ft.):	**0.0**
	Dredging:	**None**

Phase 2 - FIT - Legacy Data Report

Williams River

SGAT Version: **4.56**

Reach: **T5.05 -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.):	**1,839.5**	**0.0**
	Railroad Lenth (ft.):	**0.0**	**0.0**
	Development Length:	**119.3**	**0.0**
3.1	Erosion - Bank	Left	Right
	Erosion Length (ft.):	**708.1**	**272.7**
	Erosion Height (ft.):	**6.8**	**10.0**
	Revetment Type:	**Rip-Rap**	**None**
	Revetment length	**256.2**	**0.0**
3.2	Buffer Less Than 25 ft.	**50**	**450**
3.3	Riparian Corridor	Left	Right
	Mass Failures:		**205.4809**
	Average Height (ft.):		**25.0**
	Mass Failures:	**One**	
	Average Heigh (ft.):	**25.0**	
	Gullies:	**None**	
	Number of Gullies	**0**	
	Total Length of Gullies (ft.):	**0.0**	
	Average Height of Gullies		

Step	Description	Value
4.4	Number of Debris Jams:	**4**
4.5	Flow Regulation Type:	**None**
	Use:	
4.7	Stormwater Inputs	
Overland Flow	Road Ditch	
Field Ditch	Tile Drain	
Other	Ub Strm Wtr Pipe	
4.9	Beaver Dams:	**0**
	Affected length (ft.):	**0.0**
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:	**Straightening**
	Length (ft.):	**264.0**
	Dredging:	**None**

Phase 2 - FIT - Legacy Data Report

Williams River

SGAT Version: **4.56**

Reach: **M08 -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.):	**1,358.8**	**0.0**
	Railroad Lenth (ft.):	**312.1**	**0.0**
	Development Length:	**544.5**	**0.0**
3.1	Erosion - Bank	Left	Right
	Erosion Length (ft.):	**0.0**	**464.3**
	Erosion Height (ft.):	**0.0**	**6.0**
	Revetment Type:	**Rip-Rap**	**Multiple**
	Revetment length	**44.5**	**309.8**
3.2	Buffer Less Than 25 ft.	**0**	**181**
3.3	Riparian Corridor	Left	Right
	Mass Failures:		
	Average Height (ft.):		
	Mass Failures:	**None**	
	Average Heigh (ft.):		
	Gullies:	**None**	
	Number of Gullies	**0**	
	Total Length of Gullies (ft.):	**0.0**	
	Average Height of Gullies		

Step	Description	Value
4.4	Number of Debris Jams:	**1**
4.5	Flow Regulation Type:	**None**
	Use:	
4.7	Stormwater Inputs	
Overland Flow	Road Ditch	
Field Ditch	Tile Drain	
Other	Ub Strm Wtr Pipe	
4.9	Beaver Dams:	**0**
	Affected length (ft.):	**0.0**
5.2	Migration Features	
	Flood Chutes:	**2**
	Neck Cutoffs:	**0**
	Channel Avulsions:	**1**
	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**
	Length (ft.):	**219.0**
	Dredging:	**None**

Phase 2 - FIT - Legacy Data Report

Williams River

SGAT Version: **4.56**

Reach: **T5.08 -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.):	**4,993.8**	**0.0**
	Railroad Lenth (ft.):	**0.0**	**0.0**
	Development Length:	**599.6**	**0.0**
3.1	Erosion - Bank	Left	Right
	Erosion Length (ft.):	**260.9**	**331.8**
	Erosion Height (ft.):	**5.2**	**5.3**
	Revetment Type:	**Rip-Rap**	**Rip-Rap**
	Revetment length	**1,576.7**	**726.1**
3.2	Buffer Less Than 25 ft.	**545**	**500**
3.3	Riparian Corridor	Left	Right
	Mass Failures:	**306.027**	**277.237**
	Average Height (ft.):	**37.1**	**17.8**
	Mass Failures:	**Multiple**	
	Average Heigh (ft.):	**25.0**	
	Gullies:	**Multiple**	
	Number of Gullies	**2**	
	Total Length of Gullies (ft.):	**130.0**	
	Average Height of Gullies	**7.0**	

Step	Description	Value
4.4	Number of Debris Jams:	**13**
4.5	Flow Regulation Type:	**None**
	Use:	
4.7	Stormwater Inputs	

Overland Flow	**0**	Road Ditch	**2**
Field Ditch	**0**	Tile Drain	**0**
Other	**0**	Ub Strm Wtr Pipe	**0**

4.9	Beaver Dams:	**0**
	Affected length (ft.):	**0.0**
5.2	Migration Features	
	Flood Chutes:	**4**
	Neck Cutoffs:	**0**
	Channel Avulsions:	**0**
	Braiding:	**0**
5.3	Steep Riffles and Head Cuts	
	Steep Riffles:	**9**
	Head Cuts:	**0**
5.4	Animal Crossings:	**No**
5.5	Channel Alterations	
	Straightening:	**Straightening**
	Length (ft.):	**738.9**
	Dredging:	**Dredging**

Phase 2 - FIT - Legacy Data Report

Williams River

SGAT Version: **4.56**

Reach: **M19 -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.):	**3,379.6**	**0.0**
	Railroad Lenth (ft.):	**0.0**	**0.0**
	Development Length:	**107.6**	**0.0**
3.1	Erosion - Bank	Left	Right
	Erosion Length (ft.):	**20.9**	**0.0**
	Erosion Height (ft.):	**6.0**	**0.0**
	Revetment Type:	**Rip-Rap**	**Rip-Rap**
	Revetment length	**833.5**	**1,117.4**
3.2	Buffer Less Than 25 ft.	**415**	**1463**
3.3	Riparian Corridor	Left	Right
	Mass Failures:		
	Average Height (ft.):		
	Mass Failures:	**None**	
	Average Heigh (ft.):		
	Gullies:	**None**	
	Number of Gullies	**0**	
	Total Length of Gullies (ft.):	**0.0**	
	Average Height of Gullies		

Step	Description	Value
4.4	Number of Debris Jams:	**1**
4.5	Flow Regulation Type:	**None**
	Use:	
4.7	Stormwater Inputs	

Overland Flow	**0**	Road Ditch	**3**
Field Ditch	**0**	Tile Drain	**0**
Other	**0**	Ub Strm Wtr Pipe	**0**

4.9	Beaver Dams:	**0**
	Affected length (ft.):	**0.0**
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:	**None**
	Length (ft.):	**0.0**
	Dredging:	**None**

Phase 2 - FIT - Legacy Data Report

Williams River

SGAT Version: **4.56**

Reach: **M19 -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.):	**2,064.0**	**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:	**Rip-Rap**	**Rip-Rap**
	Revetment length	**318.6**	**48.1**
3.2	Buffer Less Than 25 ft.	**272**	**475**
3.3	Riparian Corridor	Left	Right
	Mass Failures:		
	Average Height (ft.):		
	Mass Failures:	**None**	
	Average Heigh (ft.):		
	Gullies:	**None**	
	Number of Gullies	**0**	
	Total Length of Gullies (ft.):	**0.0**	
	Average Height of Gullies		

Step	Description	Value
4.4	Number of Debris Jams:	**1**
4.5	Flow Regulation Type:	**None**
	Use:	
4.7	Stormwater Inputs	

Overland Flow	**0**	Road Ditch	**1**
Field Ditch	**0**	Tile Drain	**0**
Other	**0**	Ub Strm Wtr Pipe	**0**

4.9	Beaver Dams:	**0**
	Affected length (ft.):	**0.0**
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:	**No**
5.5	Channel Alterations	
	Straightening:	**None**
	Length (ft.):	**0.0**
	Dredging:	**None**

Phase 2 - FIT - Legacy Data Report

Williams River

SGAT Version: **4.56**

Reach: **T5.S3.04 -A**

Step	Description	Value	
1.2	Alluvial Fan:	**None**	
1.3	Encroachments - Side	One	Both
	Berm Length (ft.):	**543.9**	**0.0**
	Path Length (ft.):	**0.0**	**0.0**
	Road Length (ft.):	**1,894.8**	**0.0**
	Railroad Lenth (ft.):	**0.0**	**0.0**
	Development Length:	**0.0**	**0.0**
3.1	Erosion - Bank	Left	Right
	Erosion Length (ft.):	**101.4**	**135.7**
	Erosion Height (ft.):	**3.0**	**5.0**
	Revetment Type:	**None**	**Rip-Rap**
	Revetment length	**0.0**	**218.4**
3.2	Buffer Less Than 25 ft.	**0**	**579**
3.3	Riparian Corridor	Left	Right
	Mass Failures:		
	Average Height (ft.):		
	Mass Failures:	**None**	
	Average Heigh (ft.):		
	Gullies:	**None**	
	Number of Gullies	**0**	
	Total Length of Gullies (ft.):	**0.0**	
	Average Height of Gullies		

Step	Description	Value
4.4	Number of Debris Jams:	**3**
4.5	Flow Regulation Type:	**None**
	Use:	
4.7	Stormwater Inputs	
Overland Flow	Road Ditch	
Field Ditch	Tile Drain	
Other	Ub Strm Wtr Pipe	
4.9	Beaver Dams:	**0**
	Affected length (ft.):	**0.0**
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**
	Length (ft.):	**1,343.8**
	Dredging:	**None**

Phase 2 - FIT - Legacy Data Report

Williams River

SGAT Version: **4.56**

Reach: **M20 -A**

Step	Description	Value	
1.2	Alluvial Fan:	**None**	
1.3	Encroachments - Side	One	Both
	Berm Length (ft.):	**342.1**	**0.0**
	Path Length (ft.):	**0.0**	**0.0**
	Road Length (ft.):	**1,938.8**	**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**	**56.9**
	Erosion Height (ft.):	**0.0**	**2.0**
	Revetment Type:	**Rip-Rap**	**Rip-Rap**
	Revetment length	**1,135.3**	**270.6**
3.2	Buffer Less Than 25 ft.	**1012**	**343**
3.3	Riparian Corridor	Left	Right
	Mass Failures:		
	Average Height (ft.):		
	Mass Failures:	**None**	
	Average Heigh (ft.):		
	Gullies:	**None**	
	Number of Gullies	**0**	
	Total Length of Gullies (ft.):	**0.0**	
	Average Height of Gullies		

Step	Description	Value
4.4	Number of Debris Jams:	**1**
4.5	Flow Regulation Type:	**None**
	Use:	
4.7	Stormwater Inputs	

Overland Flow	**0**	Road Ditch	**1**
Field Ditch	**0**	Tile Drain	**0**
Other	**0**	Ub Strm Wtr Pipe	**0**

4.9	Beaver Dams:	**0**
	Affected length (ft.):	**0.0**
5.2	Migration Features	
	Flood Chutes:	**2**
	Neck Cutoffs:	**0**
	Channel Avulsions:	**1**
	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**
	Length (ft.):	**0.0**
	Dredging:	**None**

Phase 2 - FIT - Legacy Data Report

Williams River

SGAT Version: **4.56**

Reach: **T8.01 -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.):	**1,488.9**	**0.0**
	Railroad Lenth (ft.):	**0.0**	**0.0**
	Development Length:	**0.0**	**0.0**
3.1	Erosion - Bank	Left	Right
	Erosion Length (ft.):	**242.1**	**0.0**
	Erosion Height (ft.):	**2.0**	**0.0**
	Revetment Type:	**Rip-Rap**	**Rip-Rap**
	Revetment length	**154.2**	**321.6**
3.2	Buffer Less Than 25 ft.	**694**	**390**
3.3	Riparian Corridor	Left	Right
	Mass Failures:		
	Average Height (ft.):		
	Mass Failures:	**None**	
	Average Heigh (ft.):		
	Gullies:	**None**	
	Number of Gullies	**0**	
	Total Length of Gullies (ft.):	**0.0**	
	Average Height of Gullies		

Step	Description	Value
4.4	Number of Debris Jams:	**2**
4.5	Flow Regulation Type:	**None**
	Use:	
4.7	Stormwater Inputs	
Overland Flow	Road Ditch	
Field Ditch	Tile Drain	
Other	Ub Strm Wtr Pipe	
4.9	Beaver Dams:	**0**
	Affected length (ft.):	**0.0**
5.2	Migration Features	
	Flood Chutes:	**4**
	Neck Cutoffs:	**0**
	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**
	Length (ft.):	**609.4**
	Dredging:	**None**

Phase 2 - FIT - Legacy Data Report

Williams River

SGAT Version: **4.56**

Reach: **T7.01 -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.):	**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.	**36**	**41**
3.3	Riparian Corridor	Left	Right
	Mass Failures:		
	Average Height (ft.):		
	Mass Failures:	**None**	
	Average Heigh (ft.):		
	Gullies:	**None**	
	Number of Gullies	**0**	
	Total Length of Gullies (ft.):	**0.0**	
	Average Height of Gullies		

Step	Description	Value
4.4	Number of Debris Jams:	**0**
4.5	Flow Regulation Type:	**None**
	Use:	
4.7	Stormwater Inputs	
Overland Flow	Road Ditch	
Field Ditch	Tile Drain	
Other	Ub Strm Wtr Pipe	
4.9	Beaver Dams:	**6**
	Affected length (ft.):	**1,800.0**
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:	**Straightening**
	Length (ft.):	**84.8**
	Dredging:	**None**

Phase 2 - FIT - Legacy Data Report

Williams River

SGAT Version: **4.56**

Reach: **M13 -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.):	**4,529.8**	**365.9**
	Railroad Lenth (ft.):	**1,674.7**	**0.0**
	Development Length:	**506.0**	**0.0**
3.1	Erosion - Bank	Left	Right
	Erosion Length (ft.):	**495.7**	**625.7**
	Erosion Height (ft.):	**3.7**	**5.2**
	Revetment Type:	**Rip-Rap**	**Multiple**
	Revetment length	**3,076.2**	**1,027.1**
3.2	Buffer Less Than 25 ft.	**8822**	**3641**
3.3	Riparian Corridor	Left	Right
	Mass Failures:		**22.96268**
	Average Height (ft.):		**10.0**
	Mass Failures:	**One**	
	Average Heigh (ft.):	**10.0**	
	Gullies:	**None**	
	Number of Gullies	**0**	
	Total Length of Gullies (ft.):	**0.0**	
	Average Height of Gullies		

Step	Description	Value
4.4	Number of Debris Jams:	**4**
4.5	Flow Regulation Type:	**None**
	Use:	
4.7	Stormwater Inputs	

Overland Flow	**0**	Road Ditch	**2**
Field Ditch	**0**	Tile Drain	**0**
Other	**0**	Ub Strm Wtr Pipe	**0**

4.9	Beaver Dams:	**0**
	Affected length (ft.):	**0.0**
5.2	Migration Features	
	Flood Chutes:	**0**
	Neck Cutoffs:	**0**
	Channel Avulsions:	**1**
	Braiding:	**0**
5.3	Steep Riffles and Head Cuts	
	Steep Riffles:	**5**
	Head Cuts:	**0**
5.4	Animal Crossings:	**No**
5.5	Channel Alterations	
	Straightening:	**Straightening**
	Length (ft.):	**2,135.6**
	Dredging:	**None**

Phase 2 - FIT - Legacy Data Report

Williams River

SGAT Version: **4.56**

Reach: **T5.07 -0**

Step	Description	Value	
1.2	Alluvial Fan:	**None**	
1.3	Encroachments - Side	One	Both
	Berm Length (ft.):	**476.0**	**0.0**
	Path Length (ft.):	**0.0**	**0.0**
	Road Length (ft.):	**4,550.8**	**0.0**
	Railroad Lenth (ft.):	**0.0**	**0.0**
	Development Length:	**707.1**	**0.0**
3.1	Erosion - Bank	Left	Right
	Erosion Length (ft.):	**829.5**	**340.8**
	Erosion Height (ft.):	**7.0**	**6.1**
	Revetment Type:	**Multiple**	**Rip-Rap**
	Revetment length	**1,061.8**	**71.5**
3.2	Buffer Less Than 25 ft.	**968**	**0**
3.3	Riparian Corridor	Left	Right
	Mass Failures:		**508.4969**
	Average Height (ft.):		**27.5**
	Mass Failures:	**Multiple**	
	Average Heigh (ft.):	**28.0**	
	Gullies:	**None**	
	Number of Gullies	**0**	
	Total Length of Gullies (ft.):	**0.0**	
	Average Height of Gullies		

Step	Description	Value
4.4	Number of Debris Jams:	**5**
4.5	Flow Regulation Type:	**None**
	Use:	
4.7	Stormwater Inputs	

Overland Flow	**0**	Road Ditch	**1**
Field Ditch	**0**	Tile Drain	**0**
Other	**0**	Ub Strm Wtr Pipe	**0**

4.9	Beaver Dams:	**0**
	Affected length (ft.):	**0.0**
5.2	Migration Features	
	Flood Chutes:	**0**
	Neck Cutoffs:	**0**
	Channel Avulsions:	**0**
	Braiding:	**0**
5.3	Steep Riffles and Head Cuts	
	Steep Riffles:	**3**
	Head Cuts:	**0**
5.4	Animal Crossings:	**No**
5.5	Channel Alterations	
	Straightening:	**Straightening**
	Length (ft.):	**717.7**
	Dredging:	**Dredging**

Phase 2 - FIT - Legacy Data Report

Williams River

SGAT Version: **4.56**

Reach: **T5.05 -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.):	**288.3** / **0.0**
	Railroad Lenth (ft.):	**0.0** / **0.0**
	Development Length:	**93.3** / **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** / **Rip-Rap**
	Revetment length	**0.0** / **17.9**
3.2	Buffer Less Than 25 ft.	**0** / **240**
3.3	Riparian Corridor	Left / Right
	Mass Failures:	
	Average Height (ft.):	
	Mass Failures:	**None**
	Average Heigh (ft.):	
	Gullies:	**None**
	Number of Gullies	**0**
	Total Length of Gullies (ft.):	**0.0**
	Average Height of Gullies	

Step	Description	Value
4.4	Number of Debris Jams:	**0**
4.5	Flow Regulation Type:	**None**
	Use:	
4.7	Stormwater Inputs	
Overland Flow	Road Ditch	
Field Ditch	Tile Drain	
Other	Ub Strm Wtr Pipe	
4.9	Beaver Dams:	**0**
	Affected length (ft.):	**0.0**
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**
	Length (ft.):	**566.5**
	Dredging:	**None**

Phase 2 - FIT - Legacy Data Report

Williams River

SGAT Version: **4.56**

Reach: **T5.S2.01 -B**

Step	Description	Value	
1.2	Alluvial Fan:	**None**	
1.3	Encroachments - Side	One	Both
	Berm Length (ft.):	**147.4**	**0.0**
	Path Length (ft.):	**0.0**	**0.0**
	Road Length (ft.):	**418.9**	**152.4**
	Railroad Lenth (ft.):	**0.0**	**0.0**
	Development Length:	**731.8**	**441.0**
3.1	Erosion - Bank	Left	Right
	Erosion Length (ft.):	**106.4**	**65.2**
	Erosion Height (ft.):	**2.0**	**2.0**
	Revetment Type:	**Rip-Rap**	**Rip-Rap**
	Revetment length	**187.0**	**590.1**
3.2	Buffer Less Than 25 ft.	**130**	**1400**
3.3	Riparian Corridor	Left	Right
	Mass Failures:		
	Average Height (ft.):		
	Mass Failures:	**None**	
	Average Heigh (ft.):		
	Gullies:	**None**	
	Number of Gullies	**0**	
	Total Length of Gullies (ft.):	**0.0**	
	Average Height of Gullies		

Step	Description	Value
4.4	Number of Debris Jams:	**1**
4.5	Flow Regulation Type:	**None**
	Use:	
4.7	Stormwater Inputs	

Overland Flow	**0**	Road Ditch	**0**
Field Ditch	**0**	Tile Drain	**0**
Other	**0**	Ub Strm Wtr Pipe	**3**

4.9	Beaver Dams:	**0**
	Affected length (ft.):	**0.0**
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**
	Length (ft.):	**1,251.2**
	Dredging:	**None**

Phase 2 - FIT - Legacy Data Report

Williams River

SGAT Version: **4.56**

Reach: **M10 -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.):	**6,007.2**	**0.0**
	Development Length:	**81.1**	**0.0**
3.1	Erosion - Bank	Left	Right
	Erosion Length (ft.):	**453.8**	**451.6**
	Erosion Height (ft.):	**3.0**	**11.8**
	Revetment Type:	**Rip-Rap**	**Rip-Rap**
	Revetment length	**131.0**	**4,260.7**
3.2	Buffer Less Than 25 ft.	**493**	**2924**
3.3	Riparian Corridor	Left	Right
	Mass Failures:		**69.25397**
	Average Height (ft.):		**20.0**
	Mass Failures:	**One**	
	Average Heigh (ft.):	**20.0**	
	Gullies:	**None**	
	Number of Gullies	**0**	
	Total Length of Gullies (ft.):	**0.0**	
	Average Height of Gullies		

Step	Description	Value
4.4	Number of Debris Jams:	**0**
4.5	Flow Regulation Type:	**None**
	Use:	
4.7	Stormwater Inputs	

Overland Flow	**0**	Road Ditch	**1**
Field Ditch	**0**	Tile Drain	**0**
Other	**0**	Ub Strm Wtr Pipe	**0**

4.9	Beaver Dams:	**0**
	Affected length (ft.):	**0.0**
5.2	Migration Features	
	Flood Chutes:	**5**
	Neck Cutoffs:	**0**
	Channel Avulsions:	**0**
	Braiding:	**0**
5.3	Steep Riffles and Head Cuts	
	Steep Riffles:	**3**
	Head Cuts:	**0**
5.4	Animal Crossings:	**No**
5.5	Channel Alterations	
	Straightening:	**Straightening**
	Length (ft.):	**3,942.1**
	Dredging:	**Dredging**

Phase 2 - FIT - Legacy Data Report

Williams River

SGAT Version: **4.56**

Reach: **M17 -0**

Step	Description	Value	
1.2	Alluvial Fan:	**None**	
1.3	Encroachments - Side	One	Both
	Berm Length (ft.):	**279.7**	**0.0**
	Path Length (ft.):	**0.0**	**0.0**
	Road Length (ft.):	**1,658.9**	**0.0**
	Railroad Lenth (ft.):	**785.6**	**0.0**
	Development Length:	**1,098.3**	**0.0**
3.1	Erosion - Bank	Left	Right
	Erosion Length (ft.):	**0.0**	**75.1**
	Erosion Height (ft.):	**0.0**	**3.6**
	Revetment Type:	**Rip-Rap**	**Rip-Rap**
	Revetment length	**941.0**	**2,045.2**
3.2	Buffer Less Than 25 ft.	**982**	**1173**
3.3	Riparian Corridor	Left	Right
	Mass Failures:		
	Average Height (ft.):		
	Mass Failures:	**None**	
	Average Heigh (ft.):		
	Gullies:	**None**	
	Number of Gullies	**0**	
	Total Length of Gullies (ft.):	**0.0**	
	Average Height of Gullies		

Step	Description	Value
4.4	Number of Debris Jams:	**5**
4.5	Flow Regulation Type:	**None**
	Use:	
4.7	Stormwater Inputs	

Overland Flow	**0**	Road Ditch	**2**
Field Ditch	**0**	Tile Drain	**0**
Other	**0**	Ub Strm Wtr Pipe	**0**

4.9	Beaver Dams:	**0**
	Affected length (ft.):	**0.0**
5.2	Migration Features	
	Flood Chutes:	**0**
	Neck Cutoffs:	**0**
	Channel Avulsions:	**0**
	Braiding:	**0**
5.3	Steep Riffles and Head Cuts	
	Steep Riffles:	**5**
	Head Cuts:	**0**
5.4	Animal Crossings:	**No**
5.5	Channel Alterations	
	Straightening:	**Straightening**
	Length (ft.):	**1,076.7**
	Dredging:	**None**

VERMONT

Stream Geomorphic Assessment

Agency of Natural Resouces

VT DEC

Vermont.gov

April, 08 2026

Phase 2 - FIT - Legacy Data Report

Williams River

SGAT Version: **4.56**

Reach: **M17 -0**

Step	Description	Value
1.2	Alluvial Fan:	**None**
1.3	Encroachments - Side	One / Both
	Berm Length (ft.):	**279.7** / **0.0**
	Path Length (ft.):	**0.0** / **0.0**
	Road Length (ft.):	**1,658.9** / **0.0**
	Railroad Lenth (ft.):	**785.6** / **0.0**
	Development Length:	**1,098.3** / **0.0**
3.1	Erosion - Bank	Left / Right
	Erosion Length (ft.):	**0.0** / **75.1**
	Erosion Height (ft.):	**0.0** / **3.6**
	Revetment Type:	**Rip-Rap** / **Rip-Rap**
	Revetment length	**941.0** / **2,045.2**
3.2	Buffer Less Than 25 ft.	**982** / **1173**
3.3	Riparian Corridor	Left / Right
	Mass Failures:	
	Average Height (ft.):	
	Mass Failures:	**None**
	Average Heigh (ft.):	
	Gullies:	**None**
	Number of Gullies	**0**
	Total Length of Gullies (ft.):	**0.0**
	Average Height of Gullies	

Step	Description	Value
4.4	Number of Debris Jams:	**5**
4.5	Flow Regulation Type:	**None**
	Use:	
4.7	Stormwater Inputs	
Overland Flow	**0**	Road Ditch **0**
Field Ditch	**0**	Tile Drain **0**
Other	**0**	Ub Strm Wtr Pipe **1**
4.9	Beaver Dams:	**0**
	Affected length (ft.):	**0.0**
5.2	Migration Features	
	Flood Chutes:	**0**
	Neck Cutoffs:	**0**
	Channel Avulsions:	**0**
	Braiding:	**0**
5.3	Steep Riffles and Head Cuts	
	Steep Riffles:	**5**
	Head Cuts:	**0**
5.4	Animal Crossings:	**No**
5.5	Channel Alterations	
	Straightening:	**Straightening**
	Length (ft.):	**1,076.7**
	Dredging:	**None**

Phase 2 - FIT - Legacy Data Report

Williams River

SGAT Version: **4.56**

Reach: **M11 -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.):	**1,407.2**	**0.0**
	Railroad Lenth (ft.):	**4,959.8**	**0.0**
	Development Length:	**629.5**	**0.0**
3.1	Erosion - Bank	Left	Right
	Erosion Length (ft.):	**101.3**	**201.9**
	Erosion Height (ft.):	**3.0**	**8.5**
	Revetment Type:	**Rip-Rap**	**Rip-Rap**
	Revetment length	**1,298.1**	**1,331.9**
3.2	Buffer Less Than 25 ft.	**3065**	**2544**
3.3	Riparian Corridor	Left	Right
	Mass Failures:		**106.9292**
	Average Height (ft.):		**30.0**
	Mass Failures:	**One**	
	Average Heigh (ft.):	**30.0**	
	Gullies:	**None**	
	Number of Gullies	**0**	
	Total Length of Gullies (ft.):	**0.0**	
	Average Height of Gullies		

Step	Description	Value
4.4	Number of Debris Jams:	**3**
4.5	Flow Regulation Type:	**None**
	Use:	
4.7	Stormwater Inputs	
Overland Flow	Road Ditch	
Field Ditch	Tile Drain	
Other	Ub Strm Wtr Pipe	
4.9	Beaver Dams:	**0**
	Affected length (ft.):	**0.0**
5.2	Migration Features	
	Flood Chutes:	**3**
	Neck Cutoffs:	**0**
	Channel Avulsions:	**1**
	Braiding:	**0**
5.3	Steep Riffles and Head Cuts	
	Steep Riffles:	**3**
	Head Cuts:	**0**
5.4	Animal Crossings:	**No**
5.5	Channel Alterations	
	Straightening:	**Straightening**
	Length (ft.):	**4,734.7**
	Dredging:	**Dredging**

Phase 2 - FIT - Legacy Data Report

Williams River

SGAT Version: **4.56**

Reach: **T5.S3.a.01 -0**

Step	Description	Value	
1.2	Alluvial Fan:	**None**	
1.3	Encroachments - Side	One	Both
	Berm Length (ft.):	**72.4**	**0.0**
	Path Length (ft.):	**0.0**	**0.0**
	Road Length (ft.):	**3,631.2**	**0.0**
	Railroad Lenth (ft.):	**0.0**	**0.0**
	Development Length:	**449.1**	**0.0**
3.1	Erosion - Bank	Left	Right
	Erosion Length (ft.):	**304.2**	**816.7**
	Erosion Height (ft.):	**5.4**	**6.5**
	Revetment Type:	**Rip-Rap**	**Rip-Rap**
	Revetment length	**913.8**	**151.9**
3.2	Buffer Less Than 25 ft.	**1064**	**562**
3.3	Riparian Corridor	Left	Right
	Mass Failures:	**150.9172**	**337.0168**
	Average Height (ft.):	**17.7**	**14.1**
	Mass Failures:	**Multiple**	
	Average Heigh (ft.):	**16.7**	
	Gullies:	**None**	
	Number of Gullies	**0**	
	Total Length of Gullies (ft.):	**0.0**	
	Average Height of Gullies		

Step	Description	Value
4.4	Number of Debris Jams:	**16**
4.5	Flow Regulation Type:	**None**
	Use:	
4.7	Stormwater Inputs	

Overland Flow	**0**	Road Ditch	**0**
Field Ditch	**1**	Tile Drain	**0**
Other	**0**	Ub Strm Wtr Pipe	**0**

4.9	Beaver Dams:	**0**
	Affected length (ft.):	**0.0**
5.2	Migration Features	
	Flood Chutes:	**1**
	Neck Cutoffs:	**0**
	Channel Avulsions:	**0**
	Braiding:	**0**
5.3	Steep Riffles and Head Cuts	
	Steep Riffles:	**4**
	Head Cuts:	**0**
5.4	Animal Crossings:	**Yes**
5.5	Channel Alterations	
	Straightening:	**None**
	Length (ft.):	**0.0**
	Dredging:	**None**

Phase 2 - FIT - Legacy Data Report

Williams River

SGAT Version: **4.56**

Reach: **M18 -0**

Step	Description	Value	
1.2	Alluvial Fan:	**None**	
1.3	Encroachments - Side	One	Both
	Berm Length (ft.):	**577.3**	**0.0**
	Path Length (ft.):	**0.0**	**0.0**
	Road Length (ft.):	**772.7**	**0.0**
	Railroad Lenth (ft.):	**0.0**	**0.0**
	Development Length:	**929.5**	**173.8**
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	**79.3**	**1,209.1**
3.2	Buffer Less Than 25 ft.	**898**	**560**
3.3	Riparian Corridor	Left	Right
	Mass Failures:		
	Average Height (ft.):		
	Mass Failures:	**None**	
	Average Heigh (ft.):		
	Gullies:	**None**	
	Number of Gullies	**0**	
	Total Length of Gullies (ft.):	**0.0**	
	Average Height of Gullies		

Step	Description	Value
4.4	Number of Debris Jams:	**0**
4.5	Flow Regulation Type:	**None**
	Use:	
4.7	Stormwater Inputs	
Overland Flow	Road Ditch	
Field Ditch	Tile Drain	
Other	Ub Strm Wtr Pipe	
4.9	Beaver Dams:	**0**
	Affected length (ft.):	**0.0**
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:	**Straightening**
	Length (ft.):	**499.8**
	Dredging:	**Dredging**

Phase 2 - FIT - Legacy Data Report

Williams River

SGAT Version: **4.56**

Reach: **T5.03 -0**

Step	Description	Value	
1.2	Alluvial Fan:	**None**	
1.3	Encroachments - Side	One	Both
	Berm Length (ft.):	**416.3**	**0.0**
	Path Length (ft.):	**0.0**	**0.0**
	Road Length (ft.):	**3,942.7**	**0.0**
	Railroad Lenth (ft.):	**0.0**	**0.0**
	Development Length:	**923.7**	**0.0**
3.1	Erosion - Bank	Left	Right
	Erosion Length (ft.):	**1,654.0**	**1,258.8**
	Erosion Height (ft.):	**8.1**	**6.5**
	Revetment Type:	**Rip-Rap**	**Rip-Rap**
	Revetment length	**2,073.1**	**30.2**
3.2	Buffer Less Than 25 ft.	**2563**	**279**
3.3	Riparian Corridor	Left	Right
	Mass Failures:		**241.1128**
	Average Height (ft.):		**36.4**
	Mass Failures:	**Multiple**	
	Average Heigh (ft.):	**47.5**	
	Gullies:	**None**	
	Number of Gullies	**0**	
	Total Length of Gullies (ft.):	**0.0**	
	Average Height of Gullies		

Step	Description	Value
4.4	Number of Debris Jams:	**0**
4.5	Flow Regulation Type:	**None**
	Use:	
4.7	Stormwater Inputs	

Overland Flow	**0**	Road Ditch	**0**
Field Ditch	**0**	Tile Drain	**0**
Other	**0**	Ub Strm Wtr Pipe	**1**

4.9	Beaver Dams:	**0**
	Affected length (ft.):	**0.0**
5.2	Migration Features	
	Flood Chutes:	**3**
	Neck Cutoffs:	**0**
	Channel Avulsions:	**0**
	Braiding:	**0**
5.3	Steep Riffles and Head Cuts	
	Steep Riffles:	**2**
	Head Cuts:	**0**
5.4	Animal Crossings:	**No**
5.5	Channel Alterations	
	Straightening:	**Straightening**
	Length (ft.):	**1,141.8**
	Dredging:	**Dredging**

Phase 2 - FIT - Legacy Data Report

Williams River

SGAT Version: **4.56**

Reach: **M21 -0**

Step	Description	Value	
1.2	Alluvial Fan:	**None**	
1.3	Encroachments - Side	One	Both
	Berm Length (ft.):	**306.3**	**0.0**
	Path Length (ft.):	**0.0**	**0.0**
	Road Length (ft.):	**6,415.4**	**0.0**
	Railroad Lenth (ft.):	**0.0**	**0.0**
	Development Length:	**664.5**	**0.0**
3.1	Erosion - Bank	Left	Right
	Erosion Length (ft.):	**275.9**	**142.1**
	Erosion Height (ft.):	**3.6**	**4.0**
	Revetment Type:	**Rip-Rap**	**Rip-Rap**
	Revetment length	**2,462.5**	**42.9**
3.2	Buffer Less Than 25 ft.	**3540**	**139**
3.3	Riparian Corridor	Left	Right
	Mass Failures:		**52.09431**
	Average Height (ft.):		**30.0**
	Mass Failures:	**One**	
	Average Heigh (ft.):	**30.0**	
	Gullies:	**None**	
	Number of Gullies	**0**	
	Total Length of Gullies (ft.):	**0.0**	
	Average Height of Gullies		

Step	Description	Value
4.4	Number of Debris Jams:	**2**
4.5	Flow Regulation Type:	**None**
	Use:	
4.7	Stormwater Inputs	

Overland Flow	**0**	Road Ditch	**7**
Field Ditch	**0**	Tile Drain	**0**
Other	**0**	Ub Strm Wtr Pipe	**0**

4.9	Beaver Dams:	**0**
	Affected length (ft.):	**0.0**
5.2	Migration Features	
	Flood Chutes:	**2**
	Neck Cutoffs:	**0**
	Channel Avulsions:	**1**
	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**
	Length (ft.):	**637.1**
	Dredging:	**None**

Phase 2 - FIT - Legacy Data Report

Williams River

SGAT Version: **4.56**

Reach: **T5.S2.01 -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.):	**0.0** / **0.0**
	Railroad Lenth (ft.):	**0.0** / **0.0**
	Development Length:	**0.0** / **325.3**
3.1	Erosion - Bank	Left / Right
	Erosion Length (ft.):	**67.7** / **0.0**
	Erosion Height (ft.):	**2.0** / **0.0**
	Revetment Type:	**Rip-Rap** / **Rip-Rap**
	Revetment length	**143.0** / **232.6**
3.2	Buffer Less Than 25 ft.	**306** / **533**
3.3	Riparian Corridor	Left / Right
	Mass Failures:	
	Average Height (ft.):	
	Mass Failures:	**None**
	Average Heigh (ft.):	
	Gullies:	**None**
	Number of Gullies	**0**
	Total Length of Gullies (ft.):	**0.0**
	Average Height of Gullies	

Step	Description	Value
4.4	Number of Debris Jams:	**6**
4.5	Flow Regulation Type:	**None**
	Use:	
4.7	Stormwater Inputs	
Overland Flow	Road Ditch	
Field Ditch	Tile Drain	
Other	Ub Strm Wtr Pipe	
4.9	Beaver Dams:	**0**
	Affected length (ft.):	**0.0**
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:	**No**
5.5	Channel Alterations	
	Straightening:	**Straightening**
	Length (ft.):	**797.8**
	Dredging:	**None**

Phase 2 - FIT - Legacy Data Report

Williams River

SGAT Version: **4.56**

Reach: **T5.S2.01 -C**

Step	Description	Value	
1.2	Alluvial Fan:	**None**	
1.3	Encroachments - Side	One	Both
	Berm Length (ft.):	**354.7**	**0.0**
	Path Length (ft.):	**0.0**	**0.0**
	Road Length (ft.):	**1,982.5**	**0.0**
	Railroad Lenth (ft.):	**0.0**	**0.0**
	Development Length:	**429.3**	**0.0**
3.1	Erosion - Bank	Left	Right
	Erosion Length (ft.):	**25.3**	**22.4**
	Erosion Height (ft.):	**2.0**	**3.0**
	Revetment Type:	**Rip-Rap**	**Rip-Rap**
	Revetment length	**918.8**	**2,200.3**
3.2	Buffer Less Than 25 ft.	**1600**	**2247**
3.3	Riparian Corridor	Left	Right
	Mass Failures:		
	Average Height (ft.):		
	Mass Failures:	**None**	
	Average Heigh (ft.):		
	Gullies:	**None**	
	Number of Gullies	**0**	
	Total Length of Gullies (ft.):	**0.0**	
	Average Height of Gullies		

Step	Description	Value
4.4	Number of Debris Jams:	**6**
4.5	Flow Regulation Type:	**None**
	Use:	
4.7	Stormwater Inputs	

Overland Flow	**0**	Road Ditch	**1**
Field Ditch	**0**	Tile Drain	**0**
Other	**0**	Ub Strm Wtr Pipe	**0**

4.9	Beaver Dams:	**0**
	Affected length (ft.):	**0.0**
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**
	Length (ft.):	**1,557.8**
	Dredging:	**None**

Phase 2 - FIT - Legacy Data Report

Williams River

SGAT Version: **4.56**

Reach: **T5.S1.08 -0**

Step	Description	Value	
1.2	Alluvial Fan:	**None**	
1.3	Encroachments - Side	One	Both
	Berm Length (ft.):	**135.5**	**0.0**
	Path Length (ft.):	**0.0**	**0.0**
	Road Length (ft.):	**4,452.1**	**0.0**
	Railroad Lenth (ft.):	**0.0**	**0.0**
	Development Length:	**504.2**	**0.0**
3.1	Erosion - Bank	Left	Right
	Erosion Length (ft.):	**816.6**	**524.0**
	Erosion Height (ft.):	**4.5**	**5.4**
	Revetment Type:	**Rip-Rap**	**Rip-Rap**
	Revetment length	**530.1**	**1,787.1**
3.2	Buffer Less Than 25 ft.	**387**	**1248**
3.3	Riparian Corridor	Left	Right
	Mass Failures:	**213.5928**	**153.0237**
	Average Height (ft.):	**26.2**	**32.8**
	Mass Failures:	**Multiple**	
	Average Heigh (ft.):	**26.0**	
	Gullies:	**None**	
	Number of Gullies	**0**	
	Total Length of Gullies (ft.):	**0.0**	
	Average Height of Gullies		

Step	Description	Value
4.4	Number of Debris Jams:	**4**
4.5	Flow Regulation Type:	**None**
	Use:	
4.7	Stormwater Inputs	
Overland Flow	Road Ditch	
Field Ditch	Tile Drain	
Other	Ub Strm Wtr Pipe	
4.9	Beaver Dams:	**0**
	Affected length (ft.):	**0.0**
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:	**1**
5.4	Animal Crossings:	**No**
5.5	Channel Alterations	
	Straightening:	**None**
	Length (ft.):	**0.0**
	Dredging:	**Dredging**

Phase 2 - FIT - Legacy Data Report

Williams River

SGAT Version: **4.56**

Reach: **T5.01 -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.):	**402.3**	**456.9**
	Railroad Lenth (ft.):	**0.0**	**0.0**
	Development Length:	**139.6**	**461.1**
3.1	Erosion - Bank	Left	Right
	Erosion Length (ft.):	**317.9**	**270.1**
	Erosion Height (ft.):	**7.0**	**9.0**
	Revetment Type:	**Rip-Rap**	**Rip-Rap**
	Revetment length	**61.4**	**726.2**
3.2	Buffer Less Than 25 ft.	**336**	**187**
3.3	Riparian Corridor	Left	Right
	Mass Failures:		
	Average Height (ft.):		
	Mass Failures:	**None**	
	Average Heigh (ft.):		
	Gullies:	**None**	
	Number of Gullies	**0**	
	Total Length of Gullies (ft.):	**0.0**	
	Average Height of Gullies		

Step	Description	Value
4.4	Number of Debris Jams:	**0**
4.5	Flow Regulation Type:	**None**
	Use:	
4.7	Stormwater Inputs	
Overland Flow	Road Ditch	
Field Ditch	Tile Drain	
Other	Ub Strm Wtr Pipe	
4.9	Beaver Dams:	**0**
	Affected length (ft.):	**0.0**
5.2	Migration Features	
	Flood Chutes:	**0**
	Neck Cutoffs:	**0**
	Channel Avulsions:	**0**
	Braiding:	**0**
5.3	Steep Riffles and Head Cuts	
	Steep Riffles:	**1**
	Head Cuts:	**0**
5.4	Animal Crossings:	**No**
5.5	Channel Alterations	
	Straightening:	**Straightening**
	Length (ft.):	**2,520.9**
	Dredging:	**None**

Phase 2 - FIT - Legacy Data Report

Williams River

SGAT Version: **4.56**

Reach: **T5.04 -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.):	**5,333.4**	**0.0**
	Railroad Lenth (ft.):	**0.0**	**0.0**
	Development Length:	**227.0**	**0.0**
3.1	Erosion - Bank	Left	Right
	Erosion Length (ft.):	**428.4**	**540.8**
	Erosion Height (ft.):	**6.9**	**7.5**
	Revetment Type:	**Rip-Rap**	**Rip-Rap**
	Revetment length	**510.7**	**716.5**
3.2	Buffer Less Than 25 ft.	**509**	**418**
3.3	Riparian Corridor	Left	Right
	Mass Failures:	**546.0808**	**1166.447**
	Average Height (ft.):	**55.5**	**42.5**
	Mass Failures:	**Multiple**	
	Average Heigh (ft.):	**42.1**	
	Gullies:	**None**	
	Number of Gullies	**0**	
	Total Length of Gullies (ft.):	**0.0**	
	Average Height of Gullies		

Step	Description	Value
4.4	Number of Debris Jams:	**6**
4.5	Flow Regulation Type:	**None**
	Use:	
4.7	Stormwater Inputs	

Overland Flow	**0**	Road Ditch	**2**
Field Ditch	**0**	Tile Drain	**0**
Other	**0**	Ub Strm Wtr Pipe	**0**

4.9	Beaver Dams:	**0**
	Affected length (ft.):	**0.0**
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**
	Length (ft.):	**0.0**
	Dredging:	**None**

Phase 2 - FIT - Legacy Data Report

Williams River

SGAT Version: **4.56**

Reach: **M09 -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.):	**268.4**	**0.0**
	Railroad Lenth (ft.):	**3,470.3**	**0.0**
	Development Length:	**122.5**	**0.0**
3.1	Erosion - Bank	Left	Right
	Erosion Length (ft.):	**835.8**	**273.8**
	Erosion Height (ft.):	**5.2**	**8.0**
	Revetment Type:	**Rip-Rap**	**Rip-Rap**
	Revetment length	**173.4**	**1,523.9**
3.2	Buffer Less Than 25 ft.	**0**	**1367**
3.3	Riparian Corridor	Left	Right
	Mass Failures:		
	Average Height (ft.):		
	Mass Failures:	**None**	
	Average Heigh (ft.):		
	Gullies:	**None**	
	Number of Gullies	**0**	
	Total Length of Gullies (ft.):	**0.0**	
	Average Height of Gullies		

Step	Description	Value
4.4	Number of Debris Jams:	**0**
4.5	Flow Regulation Type:	**None**
	Use:	
4.7	Stormwater Inputs	
Overland Flow	Road Ditch	
Field Ditch	Tile Drain	
Other	Ub Strm Wtr Pipe	
4.9	Beaver Dams:	**0**
	Affected length (ft.):	**0.0**
5.2	Migration Features	
	Flood Chutes:	**1**
	Neck Cutoffs:	**0**
	Channel Avulsions:	**0**
	Braiding:	**0**
5.3	Steep Riffles and Head Cuts	
	Steep Riffles:	**4**
	Head Cuts:	**0**
5.4	Animal Crossings:	**No**
5.5	Channel Alterations	
	Straightening:	**Straightening**
	Length (ft.):	**3,384.9**
	Dredging:	**None**

Phase 2 - FIT - Legacy Data Report

Williams River

SGAT Version: **4.56**

Reach: **M07 -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.):	**1,013.8**	**0.0**
	Railroad Lenth (ft.):	**330.7**	**0.0**
	Development Length:	**114.2**	**0.0**
3.1	Erosion - Bank	Left	Right
	Erosion Length (ft.):	**0.0**	**301.2**
	Erosion Height (ft.):	**0.0**	**3.6**
	Revetment Type:	**Rip-Rap**	**Rip-Rap**
	Revetment length	**677.5**	**76.1**
3.2	Buffer Less Than 25 ft.	**477**	**349**
3.3	Riparian Corridor	Left	Right
	Mass Failures:		**109.243**
	Average Height (ft.):		**25.0**
	Mass Failures:	**One**	
	Average Heigh (ft.):	**25.0**	
	Gullies:	**One**	
	Number of Gullies	**1**	
	Total Length of Gullies (ft.):	**60.0**	
	Average Height of Gullies	**2.0**	

Step	Description	Value
4.4	Number of Debris Jams:	**0**
4.5	Flow Regulation Type:	**None**
	Use:	
4.7	Stormwater Inputs	

Overland Flow	**0**	Road Ditch	**2**
Field Ditch	**0**	Tile Drain	**0**
Other	**0**	Ub Strm Wtr Pipe	**0**

4.9	Beaver Dams:	**0**
	Affected length (ft.):	**0.0**
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**
	Length (ft.):	**0.0**
	Dredging:	**None**

Phase 2 - FIT - Legacy Data Report

Williams River

SGAT Version: **4.56**

Reach: **M08 -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.):	**1,047.4**	**0.0**
	Railroad Lenth (ft.):	**1,506.7**	**0.0**
	Development Length:	**38.8**	**0.0**
3.1	Erosion - Bank	Left	Right
	Erosion Length (ft.):	**434.9**	**94.6**
	Erosion Height (ft.):	**8.0**	**4.0**
	Revetment Type:	**Rip-Rap**	**Rip-Rap**
	Revetment length	**410.7**	**1,506.0**
3.2	Buffer Less Than 25 ft.	**2283**	**51**
3.3	Riparian Corridor	Left	Right
	Mass Failures:		
	Average Height (ft.):		
	Mass Failures:	**None**	
	Average Heigh (ft.):		
	Gullies:	**None**	
	Number of Gullies	**0**	
	Total Length of Gullies (ft.):	**0.0**	
	Average Height of Gullies		

Step	Description	Value
4.4	Number of Debris Jams:	**0**
4.5	Flow Regulation Type:	**None**
	Use:	
4.7	Stormwater Inputs	

Overland Flow	**0**	Road Ditch	**3**
Field Ditch	**0**	Tile Drain	**0**
Other	**0**	Ub Strm Wtr Pipe	**0**

4.9	Beaver Dams:	**0**
	Affected length (ft.):	**0.0**
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**
	Length (ft.):	**3,038.5**
	Dredging:	**None**