



# Stream Geomorphic Assessment

Agency of Natural Resources



Vermont.gov  
July, 17 2024

## Phase 2 - FIT - Legacy Data Report

## Huntington River

SGAT Version: **4.56**

Reach: **T16.01 -0**

<u>Step</u>	<u>Description</u>	<u>Value</u>
1.2	Alluvial Fan:	<b>None</b>
1.3	<u>Encroachments - Side</u>	<u>One</u> <u>Both</u>
	Berm Length (ft.):	<b>0.0</b> <b>0.0</b>
	Path Length (ft.):	<b>0.0</b> <b>0.0</b>
	Road Length (ft.):	<b>0.0</b> <b>0.0</b>
	Railroad Lenth (ft.):	<b>0.0</b> <b>0.0</b>
	Development Length:	<b>564.6</b> <b>351.5</b>
3.1	<u>Erosion - Bank</u>	<u>Left</u> <u>Right</u>
	Erosion Length (ft.):	<b>751.2</b> <b>720.9</b>
	Erosion Height (ft.):	<b>4.3</b> <b>5.6</b>
	Revetment Type:	<b>Rip-Rap</b> <b>Rip-Rap</b>
	Revetment length	<b>390.8</b> <b>135.5</b>
3.2	<u>Buffer Less Than 25 ft.</u>	<b>549</b> <b>286</b>
3.3	<u>Riparian Corridor</u>	<u>Left</u> <u>Right</u>
	Mass Failures:	<b>318.53</b>
	Average Height (ft.):	<b>41.1</b>
	Mass Failures:	<b>Multiple</b>
	Average Heigh (ft.):	<b>45.0</b>
	Gullies:	<b>None</b>
	Number of Gullies	
	Total Length of Gullies (ft.):	
	Average Height of Gullies	

<u>Step</u>	<u>Description</u>	<u>Value</u>
4.4	Number of Debris Jams:	<b>4</b>
4.5	Flow Regulation Type:	<b>None</b>
	Use:	
4.7	Stormwater Inputs	
	Overland Flow	Road Ditch
	Field Ditch	Tile Drain
	Other	Ub Strm Wtr Pipe
4.9	Beaver Dams:	<b>0</b>
	Affected length (ft.):	<b>0.0</b>
5.2	Migration Features	
	Flood Chutes:	<b>4</b>
	Neck Cutoffs:	<b>0</b>
	Channel Avulsions:	<b>3</b>
	Braiding:	<b>0</b>
5.3	Steep Riffles and Head Cuts	
	Steep Riffles:	<b>12</b>
	Head Cuts:	<b>0</b>
5.4	Animal Crossings:	<b>No</b>
5.5	Channel Alterations	
	Straightening:	<b>Straightening</b>
	Length (ft.):	<b>394.5</b>
	Dredging:	<b>None</b>



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SGAT Version: **4.56**

Reach: **M17 -B**

<u>Step</u>	<u>Description</u>	<u>Value</u>	
1.2	Alluvial Fan:	<b>None</b>	
1.3	<u>Encroachments - Side</u>	<u>One</u>	<u>Both</u>
	Berm Length (ft.):	<b>0.0</b>	<b>0.0</b>
	Path Length (ft.):	<b>0.0</b>	<b>0.0</b>
	Road Length (ft.):	<b>301.5</b>	<b>48.4</b>
	Railroad Lenth (ft.):	<b>0.0</b>	<b>0.0</b>
	Development Length:	<b>0.0</b>	<b>0.0</b>
3.1	<u>Erosion - Bank</u>	<u>Left</u>	<u>Right</u>
	Erosion Length (ft.):	<b>0.0</b>	<b>0.0</b>
	Erosion Height (ft.):	<b>0.0</b>	<b>0.0</b>
	Revetment Type:	<b>None</b>	<b>None</b>
	Revetment length	<b>0.0</b>	<b>0.0</b>
3.2	<u>Buffer Less Than 25 ft.</u>	<b>0</b>	<b>0</b>
3.3	<u>Riparian Corridor</u>	<u>Left</u>	<u>Right</u>
	Mass Failures:		
	Average Height (ft.):		
	Mass Failures:	<b>None</b>	
	Average Heigh (ft.):		
	Gullies:	<b>None</b>	
	Number of Gullies		
	Total Length of Gullies (ft.):		
	Average Height of Gullies		

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



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SGAT Version: 4.56

Reach: **M18 -B**

<u>Step</u>	<u>Description</u>	<u>Value</u>	
1.2	Alluvial Fan:	<b>None</b>	
1.3	<u>Encroachments - Side</u>	<u>One</u>	<u>Both</u>
	Berm Length (ft.):	<b>0.0</b>	<b>0.0</b>
	Path Length (ft.):	<b>0.0</b>	<b>0.0</b>
	Road Length (ft.):	<b>0.0</b>	<b>0.0</b>
	Railroad Lenth (ft.):	<b>0.0</b>	<b>0.0</b>
	Development Length:	<b>483.6</b>	<b>61.4</b>
3.1	<u>Erosion - Bank</u>	<u>Left</u>	<u>Right</u>
	Erosion Length (ft.):	<b>272.2</b>	<b>0.0</b>
	Erosion Height (ft.):	<b>4.2</b>	<b>0.0</b>
	Revetment Type:	<b>Rip-Rap</b>	<b>Rip-Rap</b>
	Revetment length	<b>95.2</b>	<b>256.2</b>
3.2	<u>Buffer Less Than 25 ft.</u>	<b>337</b>	<b>361</b>
3.3	<u>Riparian Corridor</u>	<u>Left</u>	<u>Right</u>
	Mass Failures:		
	Average Height (ft.):		
	Mass Failures:	<b>None</b>	
	Average Heigh (ft.):		
	Gullies:	<b>None</b>	
	Number of Gullies		
	Total Length of Gullies (ft.):		
	Average Height of Gullies		

<u>Step</u>	<u>Description</u>	<u>Value</u>
4.4	Number of Debris Jams:	<b>0</b>
4.5	Flow Regulation Type:	<b>None</b>
	Use:	
4.7	Stormwater Inputs	
	Overland Flow	Road Ditch
	Field Ditch	Tile Drain
	Other	Ub Strm Wtr Pipe
4.9	Beaver Dams:	<b>0</b>
	Affected length (ft.):	<b>0.0</b>
5.2	Migration Features	
	Flood Chutes:	<b>2</b>
	Neck Cutoffs:	<b>0</b>
	Channel Avulsions:	<b>1</b>
	Braiding:	<b>0</b>
5.3	Steep Riffles and Head Cuts	
	Steep Riffles:	<b>3</b>
	Head Cuts:	<b>0</b>
5.4	Animal Crossings:	<b>Yes</b>
5.5	Channel Alterations	
	Straightening:	<b>None</b>
	Length (ft.):	<b>0.0</b>
	Dredging:	<b>None</b>



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Reach: **M10 -0**

<u>Step</u>	<u>Description</u>	<u>Value</u>	
1.2	Alluvial Fan:	<b>None</b>	
1.3	<u>Encroachments - Side</u>	<u>One</u>	<u>Both</u>
	Berm Length (ft.):	<b>0.0</b>	<b>0.0</b>
	Path Length (ft.):	<b>0.0</b>	<b>0.0</b>
	Road Length (ft.):	<b>218.8</b>	<b>0.0</b>
	Railroad Lenth (ft.):	<b>0.0</b>	<b>0.0</b>
	Development Length:	<b>1,710.4</b>	<b>1,971.4</b>
3.1	<u>Erosion - Bank</u>	<u>Left</u>	<u>Right</u>
	Erosion Length (ft.):	<b>715.9</b>	<b>899.5</b>
	Erosion Height (ft.):	<b>0.0</b>	<b>0.0</b>
	Revetment Type:	<b>Rip-Rap</b>	<b>None</b>
	Revetment length	<b>670.4</b>	<b>0.0</b>
3.2	<u>Buffer Less Than 25 ft.</u>	<b>0</b>	<b>0</b>
3.3	<u>Riparian Corridor</u>	<u>Left</u>	<u>Right</u>
	Mass Failures:	<b>178.83</b>	
	Average Height (ft.):	<b>100.0</b>	
	Mass Failures:	<b>One</b>	
	Average Heigh (ft.):	<b>100.0</b>	
	Gullies:	<b>None</b>	
	Number of Gullies		
	Total Length of Gullies (ft.):		
	Average Height of Gullies		

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



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SGAT Version: **4.56**

Reach: **M01 -0**

<u>Step</u>	<u>Description</u>	<u>Value</u>	
1.2	Alluvial Fan:	<b>None</b>	
1.3	<u>Encroachments - Side</u>	<u>One</u>	<u>Both</u>
	Berm Length (ft.):	<b>0.0</b>	<b>0.0</b>
	Path Length (ft.):	<b>0.0</b>	<b>0.0</b>
	Road Length (ft.):	<b>1,375.4</b>	<b>0.0</b>
	Railroad Lenth (ft.):	<b>0.0</b>	<b>0.0</b>
	Development Length:	<b>2,024.9</b>	<b>167.6</b>
3.1	<u>Erosion - Bank</u>	<u>Left</u>	<u>Right</u>
	Erosion Length (ft.):	<b>897.2</b>	<b>276.6</b>
	Erosion Height (ft.):	<b>6.5</b>	<b>6.9</b>
	Revetment Type:	<b>Rip-Rap</b>	<b>Rip-Rap</b>
	Revetment length	<b>527.4</b>	<b>412.6</b>
3.2	<u>Buffer Less Than 25 ft.</u>	<b>673</b>	<b>1383</b>
3.3	<u>Riparian Corridor</u>	<u>Left</u>	<u>Right</u>
	Mass Failures:		
	Average Height (ft.):		
	Mass Failures:	<b>None</b>	
	Average Heigh (ft.):		
	Gullies:	<b>None</b>	
	Number of Gullies		
	Total Length of Gullies (ft.):		
	Average Height of Gullies		

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



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Huntington River

SGAT Version: 4.56

Reach: **M16 -0**

<u>Step</u>	<u>Description</u>	<u>Value</u>
1.2	Alluvial Fan:	<b>None</b>
1.3	<u>Encroachments - Side</u>	<u>One</u> <u>Both</u>
	Berm Length (ft.):	<b>0.0</b> <b>0.0</b>
	Path Length (ft.):	<b>0.0</b> <b>0.0</b>
	Road Length (ft.):	<b>2,122.8</b> <b>0.0</b>
	Railroad Lenth (ft.):	<b>0.0</b> <b>0.0</b>
	Development Length:	<b>797.6</b> <b>0.0</b>
3.1	<u>Erosion - Bank</u>	<u>Left</u> <u>Right</u>
	Erosion Length (ft.):	<b>180.7</b> <b>0.0</b>
	Erosion Height (ft.):	<b>6.0</b> <b>0.0</b>
	Revetment Type:	<b>Multiple</b> <b>None</b>
	Revetment length	<b>443.4</b> <b>0.0</b>
3.2	<u>Buffer Less Than 25 ft.</u>	<b>1906</b> <b>727</b>
3.3	<u>Riparian Corridor</u>	<u>Left</u> <u>Right</u>
	Mass Failures:	
	Average Height (ft.):	
	Mass Failures:	<b>None</b>
	Average Heigh (ft.):	
	Gullies:	<b>None</b>
	Number of Gullies	
	Total Length of Gullies (ft.):	
	Average Height of Gullies	

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



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SGAT Version: **4.56**

Reach: **M08 -0**

<u>Step</u>	<u>Description</u>	<u>Value</u>	
1.2	Alluvial Fan:	<b>None</b>	
1.3	<u>Encroachments - Side</u>	<u>One</u>	<u>Both</u>
	Berm Length (ft.):	<b>0.0</b>	<b>0.0</b>
	Path Length (ft.):	<b>0.0</b>	<b>0.0</b>
	Road Length (ft.):	<b>95.9</b>	<b>0.0</b>
	Railroad Lenth (ft.):	<b>0.0</b>	<b>0.0</b>
	Development Length:	<b>1,185.3</b>	<b>0.0</b>
3.1	<u>Erosion - Bank</u>	<u>Left</u>	<u>Right</u>
	Erosion Length (ft.):	<b>174.2</b>	<b>258.6</b>
	Erosion Height (ft.):	<b>0.0</b>	<b>0.0</b>
	Revetment Type:	<b>Rip-Rap</b>	<b>Rip-Rap</b>
	Revetment length	<b>309.0</b>	<b>43.4</b>
3.2	<u>Buffer Less Than 25 ft.</u>	<b>0</b>	<b>0</b>
3.3	<u>Riparian Corridor</u>	<u>Left</u>	<u>Right</u>
	Mass Failures:		
	Average Height (ft.):		
	Mass Failures:	<b>None</b>	
	Average Heigh (ft.):		
	Gullies:	<b>None</b>	
	Number of Gullies		
	Total Length of Gullies (ft.):		
	Average Height of Gullies		

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



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SGAT Version: 4.56

Reach: **M12 -A**

<u>Step</u>	<u>Description</u>	<u>Value</u>	
1.2	Alluvial Fan:	<b>None</b>	
1.3	<u>Encroachments - Side</u>	<u>One</u>	<u>Both</u>
	Berm Length (ft.):	<b>0.0</b>	<b>0.0</b>
	Path Length (ft.):	<b>0.0</b>	<b>0.0</b>
	Road Length (ft.):	<b>1,475.4</b>	<b>0.0</b>
	Railroad Lenth (ft.):	<b>0.0</b>	<b>0.0</b>
	Development Length:	<b>0.0</b>	<b>0.0</b>
3.1	<u>Erosion - Bank</u>	<u>Left</u>	<u>Right</u>
	Erosion Length (ft.):	<b>0.0</b>	<b>0.0</b>
	Erosion Height (ft.):	<b>0.0</b>	<b>0.0</b>
	Revetment Type:	<b>None</b>	<b>Rip-Rap</b>
	Revetment length	<b>0.0</b>	<b>1,175.2</b>
3.2	<u>Buffer Less Than 25 ft.</u>	<b>0</b>	<b>0</b>
3.3	<u>Riparian Corridor</u>	<u>Left</u>	<u>Right</u>
	Mass Failures:		
	Average Height (ft.):		
	Mass Failures:	<b>None</b>	
	Average Heigh (ft.):		
	Gullies:	<b>None</b>	
	Number of Gullies		
	Total Length of Gullies (ft.):		
	Average Height of Gullies		

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





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## Huntington River

SGAT Version: **4.56**

Reach: **M04 -B**

<u>Step</u>	<u>Description</u>	<u>Value</u>
1.2	Alluvial Fan:	<b>None</b>
1.3	<u>Encroachments - Side</u>	<u>One</u> <u>Both</u>
	Berm Length (ft.):	<b>0.0</b> <b>0.0</b>
	Path Length (ft.):	<b>0.0</b> <b>0.0</b>
	Road Length (ft.):	<b>3,211.5</b> <b>0.0</b>
	Railroad Lenth (ft.):	<b>0.0</b> <b>0.0</b>
	Development Length:	<b>1,328.7</b> <b>0.0</b>
3.1	<u>Erosion - Bank</u>	<u>Left</u> <u>Right</u>
	Erosion Length (ft.):	<b>71.0</b> <b>73.0</b>
	Erosion Height (ft.):	<b>6.0</b> <b>4.0</b>
	Revetment Type:	<b>None</b> <b>None</b>
	Revetment length	<b>0.0</b> <b>0.0</b>
3.2	<u>Buffer Less Than 25 ft.</u>	<b>2137</b> <b>0</b>
3.3	<u>Riparian Corridor</u>	<u>Left</u> <u>Right</u>
	Mass Failures:	<b>166.24</b>
	Average Height (ft.):	<b>11.0</b>
	Mass Failures:	<b>One</b>
	Average Heigh (ft.):	<b>11.0</b>
	Gullies:	<b>None</b>
	Number of Gullies	
	Total Length of Gullies (ft.):	
	Average Height of Gullies	

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



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Huntington River

SGAT Version: 4.56

Reach: **M18 -A**

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

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



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## Phase 2 - FIT - Legacy Data Report

## Huntington River

SGAT Version: **4.56**

Reach: **M14 -B**

<u>Step</u>	<u>Description</u>	<u>Value</u>		<u>Step</u>	<u>Description</u>	<u>Value</u>
1.2	Alluvial Fan:	<b>None</b>		4.4	Number of Debris Jams:	<b>0</b>
1.3	<u>Encroachments - Side</u>	<u>One</u>	<u>Both</u>	4.5	Flow Regulation Type:	<b>None</b>
	Berm Length (ft.):	<b>671.6</b>	<b>0.0</b>		Use:	
	Path Length (ft.):	<b>0.0</b>	<b>0.0</b>	4.7	Stormwater Inputs	
	Road Length (ft.):	<b>0.0</b>	<b>0.0</b>		Overland Flow	Road Ditch
	Railroad Lenth (ft.):	<b>0.0</b>	<b>0.0</b>		Field Ditch	Tile Drain
	Development Length:	<b>0.0</b>	<b>0.0</b>		Other	Ub Strm Wtr Pipe
3.1	<u>Erosion - Bank</u>	<u>Left</u>	<u>Right</u>	4.9	Beaver Dams:	<b>0</b>
	Erosion Length (ft.):	<b>0.0</b>	<b>92.9</b>		Affected length (ft.):	<b>0.0</b>
	Erosion Height (ft.):	<b>0.0</b>	<b>0.0</b>	5.2	Migration Features	
	Revetment Type:	<b>None</b>	<b>Hard Bank</b>		Flood Chutes:	<b>0</b>
	Revetment length	<b>0.0</b>	<b>28.6</b>		Neck Cutoffs:	<b>0</b>
3.2	<u>Buffer Less Than 25 ft.</u>	<b>0</b>	<b>0</b>		Channel Avulsions:	<b>0</b>
3.3	<u>Riparian Corridor</u>	<u>Left</u>	<u>Right</u>		Braiding:	<b>0</b>
	Mass Failures:			5.3	Steep Riffles and Head Cuts	
	Average Height (ft.):				Steep Riffles:	<b>0</b>
	Mass Failures:	<b>None</b>			Head Cuts:	<b>0</b>
	Average Heigh (ft.):			5.4	Animal Crossings:	<b>No</b>
	Gullies:	<b>None</b>		5.5	Channel Alterations	
	Number of Gullies				Straightening:	<b>Straightening</b>
	Total Length of Gullies (ft.):				Length (ft.):	<b>621.9</b>
	Average Height of Gullies				Dredging:	<b>None</b>



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## Huntington River

SGAT Version: **4.56**

Reach: **M09 -B**

<u>Step</u>	<u>Description</u>	<u>Value</u>	
1.2	Alluvial Fan:	<b>None</b>	
1.3	<u>Encroachments - Side</u>	<u>One</u>	<u>Both</u>
	Berm Length (ft.):	<b>0.0</b>	<b>0.0</b>
	Path Length (ft.):	<b>0.0</b>	<b>0.0</b>
	Road Length (ft.):	<b>0.0</b>	<b>0.0</b>
	Railroad Lenth (ft.):	<b>0.0</b>	<b>0.0</b>
	Development Length:	<b>0.0</b>	<b>0.0</b>
3.1	<u>Erosion - Bank</u>	<u>Left</u>	<u>Right</u>
	Erosion Length (ft.):	<b>843.8</b>	<b>321.6</b>
	Erosion Height (ft.):	<b>0.0</b>	<b>0.0</b>
	Revetment Type:	<b>None</b>	<b>Rip-Rap</b>
	Revetment length	<b>0.0</b>	<b>32.8</b>
3.2	<u>Buffer Less Than 25 ft.</u>	<b>0</b>	<b>0</b>
3.3	<u>Riparian Corridor</u>	<u>Left</u>	<u>Right</u>
	Mass Failures:		
	Average Height (ft.):		
	Mass Failures:	<b>None</b>	
	Average Heigh (ft.):		
	Gullies:	<b>None</b>	
	Number of Gullies		
	Total Length of Gullies (ft.):		
	Average Height of Gullies		

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



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## Huntington River

SGAT Version: **4.56**

Reach: **T22.02 -0**

<u>Step</u>	<u>Description</u>	<u>Value</u>	
1.2	Alluvial Fan:	<b>None</b>	
1.3	<u>Encroachments - Side</u>	<u>One</u>	<u>Both</u>
	Berm Length (ft.):	<b>0.0</b>	<b>0.0</b>
	Path Length (ft.):	<b>0.0</b>	<b>0.0</b>
	Road Length (ft.):	<b>0.0</b>	<b>0.0</b>
	Railroad Lenth (ft.):	<b>0.0</b>	<b>0.0</b>
	Development Length:	<b>673.2</b>	<b>0.0</b>
3.1	<u>Erosion - Bank</u>	<u>Left</u>	<u>Right</u>
	Erosion Length (ft.):	<b>177.5</b>	<b>248.8</b>
	Erosion Height (ft.):	<b>2.0</b>	<b>2.7</b>
	Revetment Type:	<b>Rip-Rap</b>	<b>Rip-Rap</b>
	Revetment length	<b>216.5</b>	<b>80.0</b>
3.2	<u>Buffer Less Than 25 ft.</u>	<b>457</b>	<b>527</b>
3.3	<u>Riparian Corridor</u>	<u>Left</u>	<u>Right</u>
	Mass Failures:		
	Average Height (ft.):		
	Mass Failures:	<b>None</b>	
	Average Heigh (ft.):		
	Gullies:	<b>None</b>	
	Number of Gullies		
	Total Length of Gullies (ft.):		
	Average Height of Gullies		

<u>Step</u>	<u>Description</u>	<u>Value</u>
4.4	Number of Debris Jams:	<b>1</b>
4.5	Flow Regulation Type:	<b>None</b>
	Use:	
4.7	Stormwater Inputs	
	Overland Flow <b>0</b>	Road Ditch <b>1</b>
	Field Ditch <b>0</b>	Tile Drain <b>0</b>
	Other <b>0</b>	Ub Strm Wtr Pipe <b>0</b>
4.9	Beaver Dams:	<b>0</b>
	Affected length (ft.):	<b>0.0</b>
5.2	Migration Features	
	Flood Chutes:	<b>1</b>
	Neck Cutoffs:	<b>0</b>
	Channel Avulsions:	<b>0</b>
	Braiding:	<b>0</b>
5.3	Steep Riffles and Head Cuts	
	Steep Riffles:	<b>0</b>
	Head Cuts:	<b>0</b>
5.4	Animal Crossings:	<b>Yes</b>
5.5	Channel Alterations	
	Straightening:	<b>None</b>
	Length (ft.):	<b>0.0</b>
	Dredging:	<b>None</b>



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Huntington River

SGAT Version: 4.56

Reach: **M15 -A**

<u>Step</u>	<u>Description</u>	<u>Value</u>	
1.2	Alluvial Fan:	<b>None</b>	
1.3	<u>Encroachments - Side</u>	<u>One</u>	<u>Both</u>
	Berm Length (ft.):	<b>0.0</b>	<b>0.0</b>
	Path Length (ft.):	<b>0.0</b>	<b>0.0</b>
	Road Length (ft.):	<b>0.0</b>	<b>0.0</b>
	Railroad Lenth (ft.):	<b>0.0</b>	<b>0.0</b>
	Development Length:	<b>0.0</b>	<b>0.0</b>
3.1	<u>Erosion - Bank</u>	<u>Left</u>	<u>Right</u>
	Erosion Length (ft.):	<b>0.0</b>	<b>0.0</b>
	Erosion Height (ft.):	<b>0.0</b>	<b>0.0</b>
	Revetment Type:	<b>None</b>	<b>Rip-Rap</b>
	Revetment length	<b>0.0</b>	<b>9.7</b>
3.2	<u>Buffer Less Than 25 ft.</u>	<b>0</b>	<b>0</b>
3.3	<u>Riparian Corridor</u>	<u>Left</u>	<u>Right</u>
	Mass Failures:		
	Average Height (ft.):		
	Mass Failures:	<b>None</b>	
	Average Heigh (ft.):		
	Gullies:	<b>None</b>	
	Number of Gullies		
	Total Length of Gullies (ft.):		
	Average Height of Gullies		

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



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## Huntington River

SGAT Version: **4.56**

Reach: **M11 -0**

<u>Step</u>	<u>Description</u>	<u>Value</u>	
1.2	Alluvial Fan:	<b>None</b>	
1.3	<u>Encroachments - Side</u>	<u>One</u>	<u>Both</u>
	Berm Length (ft.):	<b>0.0</b>	<b>0.0</b>
	Path Length (ft.):	<b>0.0</b>	<b>0.0</b>
	Road Length (ft.):	<b>0.0</b>	<b>0.0</b>
	Railroad Lenth (ft.):	<b>0.0</b>	<b>0.0</b>
	Development Length:	<b>345.1</b>	<b>0.0</b>
3.1	<u>Erosion - Bank</u>	<u>Left</u>	<u>Right</u>
	Erosion Length (ft.):	<b>675.0</b>	<b>47.6</b>
	Erosion Height (ft.):	<b>0.0</b>	<b>0.0</b>
	Revetment Type:	<b>None</b>	<b>None</b>
	Revetment length	<b>0.0</b>	<b>0.0</b>
3.2	<u>Buffer Less Than 25 ft.</u>	<b>0</b>	<b>0</b>
3.3	<u>Riparian Corridor</u>	<u>Left</u>	<u>Right</u>
	Mass Failures:		
	Average Height (ft.):		
	Mass Failures:	<b>None</b>	
	Average Heigh (ft.):		
	Gullies:	<b>None</b>	
	Number of Gullies		
	Total Length of Gullies (ft.):		
	Average Height of Gullies		

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



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## Huntington River

SGAT Version: **4.56**

Reach: **M17 -C**

<u>Step</u>	<u>Description</u>	<u>Value</u>	
1.2	Alluvial Fan:	<b>None</b>	
1.3	<u>Encroachments - Side</u>	<u>One</u>	<u>Both</u>
	Berm Length (ft.):	<b>0.0</b>	<b>0.0</b>
	Path Length (ft.):	<b>0.0</b>	<b>0.0</b>
	Road Length (ft.):	<b>729.5</b>	<b>266.4</b>
	Railroad Lenth (ft.):	<b>0.0</b>	<b>0.0</b>
	Development Length:	<b>378.9</b>	<b>0.0</b>
3.1	<u>Erosion - Bank</u>	<u>Left</u>	<u>Right</u>
	Erosion Length (ft.):	<b>0.0</b>	<b>0.0</b>
	Erosion Height (ft.):	<b>0.0</b>	<b>0.0</b>
	Revetment Type:	<b>None</b>	<b>None</b>
	Revetment length	<b>0.0</b>	<b>0.0</b>
3.2	<u>Buffer Less Than 25 ft.</u>	<b>225</b>	<b>0</b>
3.3	<u>Riparian Corridor</u>	<u>Left</u>	<u>Right</u>
	Mass Failures:		
	Average Height (ft.):		
	Mass Failures:	<b>None</b>	
	Average Heigh (ft.):		
	Gullies:	<b>None</b>	
	Number of Gullies		
	Total Length of Gullies (ft.):		
	Average Height of Gullies		

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





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Huntington River

SGAT Version: 4.56

Reach: **M15 -B**

<u>Step</u>	<u>Description</u>	<u>Value</u>	
1.2	Alluvial Fan:	<b>None</b>	
1.3	<u>Encroachments - Side</u>	<u>One</u>	<u>Both</u>
	Berm Length (ft.):	<b>0.0</b>	<b>0.0</b>
	Path Length (ft.):	<b>0.0</b>	<b>0.0</b>
	Road Length (ft.):	<b>515.8</b>	<b>0.0</b>
	Railroad Lenth (ft.):	<b>0.0</b>	<b>0.0</b>
	Development Length:	<b>284.0</b>	<b>0.0</b>
3.1	<u>Erosion - Bank</u>	<u>Left</u>	<u>Right</u>
	Erosion Length (ft.):	<b>0.0</b>	<b>0.0</b>
	Erosion Height (ft.):	<b>0.0</b>	<b>0.0</b>
	Revetment Type:	<b>Rip-Rap</b>	<b>Rip-Rap</b>
	Revetment length	<b>340.0</b>	<b>33.7</b>
3.2	<u>Buffer Less Than 25 ft.</u>	<b>0</b>	<b>0</b>
3.3	<u>Riparian Corridor</u>	<u>Left</u>	<u>Right</u>
	Mass Failures:		
	Average Height (ft.):		
	Mass Failures:	<b>None</b>	
	Average Heigh (ft.):		
	Gullies:	<b>None</b>	
	Number of Gullies		
	Total Length of Gullies (ft.):		
	Average Height of Gullies		

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



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Huntington River

SGAT Version: 4.56

Reach: **M13 -A**

<u>Step</u>	<u>Description</u>	<u>Value</u>	
1.2	Alluvial Fan:	<b>None</b>	
1.3	<u>Encroachments - Side</u>	<u>One</u>	<u>Both</u>
	Berm Length (ft.):	<b>0.0</b>	<b>0.0</b>
	Path Length (ft.):	<b>0.0</b>	<b>0.0</b>
	Road Length (ft.):	<b>0.0</b>	<b>0.0</b>
	Railroad Lenth (ft.):	<b>0.0</b>	<b>0.0</b>
	Development Length:	<b>0.0</b>	<b>0.0</b>
3.1	<u>Erosion - Bank</u>	<u>Left</u>	<u>Right</u>
	Erosion Length (ft.):	<b>47.3</b>	<b>129.4</b>
	Erosion Height (ft.):	<b>0.0</b>	<b>0.0</b>
	Revetment Type:	<b>Rip-Rap</b>	<b>Rip-Rap</b>
	Revetment length	<b>341.0</b>	<b>140.5</b>
3.2	<u>Buffer Less Than 25 ft.</u>	<b>0</b>	<b>0</b>
3.3	<u>Riparian Corridor</u>	<u>Left</u>	<u>Right</u>
	Mass Failures:	<b>115.98</b>	
	Average Height (ft.):	<b>50.0</b>	
	Mass Failures:	<b>One</b>	
	Average Heigh (ft.):	<b>50.0</b>	
	Gullies:	<b>None</b>	
	Number of Gullies		
	Total Length of Gullies (ft.):		
	Average Height of Gullies		

<u>Step</u>	<u>Description</u>	<u>Value</u>
4.4	Number of Debris Jams:	<b>0</b>
4.5	Flow Regulation Type:	<b>None</b>
	Use:	
4.7	Stormwater Inputs	
	Overland Flow	Road Ditch
	Field Ditch	Tile Drain
	Other	Ub Strm Wtr Pipe
4.9	Beaver Dams:	<b>0</b>
	Affected length (ft.):	<b>0.0</b>
5.2	Migration Features	
	Flood Chutes:	<b>1</b>
	Neck Cutoffs:	<b>0</b>
	Channel Avulsions:	<b>0</b>
	Braiding:	<b>0</b>
5.3	Steep Riffles and Head Cuts	
	Steep Riffles:	<b>3</b>
	Head Cuts:	<b>0</b>
5.4	Animal Crossings:	<b>Yes</b>
5.5	Channel Alterations	
	Straightening:	<b>Straightening</b>
	Length (ft.):	<b>3,998.4</b>
	Dredging:	<b>None</b>



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Huntington River

SGAT Version: 4.56

Reach: **M02 -B**

<u>Step</u>	<u>Description</u>	<u>Value</u>	
1.2	Alluvial Fan:	<b>None</b>	
1.3	<u>Encroachments - Side</u>	<u>One</u>	<u>Both</u>
	Berm Length (ft.):	<b>0.0</b>	<b>0.0</b>
	Path Length (ft.):	<b>0.0</b>	<b>0.0</b>
	Road Length (ft.):	<b>305.7</b>	<b>0.0</b>
	Railroad Lenth (ft.):	<b>0.0</b>	<b>0.0</b>
	Development Length:	<b>0.0</b>	<b>0.0</b>
3.1	<u>Erosion - Bank</u>	<u>Left</u>	<u>Right</u>
	Erosion Length (ft.):	<b>0.0</b>	<b>0.0</b>
	Erosion Height (ft.):	<b>0.0</b>	<b>0.0</b>
	Revetment Type:	<b>None</b>	<b>None</b>
	Revetment length	<b>0.0</b>	<b>0.0</b>
3.2	<u>Buffer Less Than 25 ft.</u>	<b>0</b>	<b>0</b>
3.3	<u>Riparian Corridor</u>	<u>Left</u>	<u>Right</u>
	Mass Failures:		
	Average Height (ft.):		
	Mass Failures:	<b>None</b>	
	Average Heigh (ft.):		
	Gullies:	<b>None</b>	
	Number of Gullies		
	Total Length of Gullies (ft.):		
	Average Height of Gullies		

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



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## Huntington River

SGAT Version: **4.56**

Reach: **M12 -B**

<u>Step</u>	<u>Description</u>	<u>Value</u>	<u>Step</u>	<u>Description</u>	<u>Value</u>
1.2	Alluvial Fan:	<b>None</b>	4.4	Number of Debris Jams:	<b>0</b>
1.3	<u>Encroachments - Side</u>	<u>One</u>	4.5	Flow Regulation Type:	<b>None</b>
		<u>Both</u>		Use:	
	Berm Length (ft.):	<b>0.0</b>	4.7	Stormwater Inputs	
	Path Length (ft.):	<b>0.0</b>		Overland Flow	Road Ditch
	Road Length (ft.):	<b>0.0</b>		Field Ditch	Tile Drain
	Railroad Lenth (ft.):	<b>0.0</b>		Other	Ub Strm Wtr Pipe
	Development Length:	<b>143.6</b>	4.9	Beaver Dams:	<b>0</b>
3.1	<u>Erosion - Bank</u>	<u>Left</u>		Affected length (ft.):	<b>0.0</b>
	Erosion Length (ft.):	<b>0.0</b>	5.2	Migration Features	
	Erosion Height (ft.):	<b>0.0</b>		Flood Chutes:	<b>0</b>
	Revetment Type:	<b>Rip-Rap</b>		Neck Cutoffs:	<b>0</b>
	Revetment length	<b>385.2</b>		Channel Avulsions:	<b>0</b>
3.2	<u>Buffer Less Than 25 ft.</u>	<b>0</b>		Braiding:	<b>0</b>
3.3	<u>Riparian Corridor</u>	<u>Left</u>	5.3	Steep Riffles and Head Cuts	
	Mass Failures:			Steep Riffles:	<b>1</b>
	Average Height (ft.):			Head Cuts:	<b>0</b>
	Mass Failures:	<b>None</b>	5.4	Animal Crossings:	<b>No</b>
	Average Heigh (ft.):		5.5	Channel Alterations	
	Gullies:	<b>None</b>		Straightening:	<b>Straightening</b>
	Number of Gullies			Length (ft.):	<b>901.4</b>
	Total Length of Gullies (ft.):			Dredging:	<b>None</b>
	Average Height of Gullies				



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## Huntington River

SGAT Version: **4.56**

Reach: **M02 -A**

<u>Step</u>	<u>Description</u>	<u>Value</u>	
1.2	Alluvial Fan:	<b>None</b>	
1.3	<u>Encroachments - Side</u>	<u>One</u>	<u>Both</u>
	Berm Length (ft.):	<b>0.0</b>	<b>0.0</b>
	Path Length (ft.):	<b>0.0</b>	<b>0.0</b>
	Road Length (ft.):	<b>1,178.6</b>	<b>0.0</b>
	Railroad Lenth (ft.):	<b>0.0</b>	<b>0.0</b>
	Development Length:	<b>267.4</b>	<b>0.0</b>
3.1	<u>Erosion - Bank</u>	<u>Left</u>	<u>Right</u>
	Erosion Length (ft.):	<b>102.5</b>	<b>54.8</b>
	Erosion Height (ft.):	<b>25.0</b>	<b>7.0</b>
	Revetment Type:	<b>None</b>	<b>None</b>
	Revetment length	<b>0.0</b>	<b>0.0</b>
3.2	<u>Buffer Less Than 25 ft.</u>	<b>0</b>	<b>0</b>
3.3	<u>Riparian Corridor</u>	<u>Left</u>	<u>Right</u>
	Mass Failures:		
	Average Height (ft.):		
	Mass Failures:	<b>None</b>	
	Average Heigh (ft.):		
	Gullies:	<b>None</b>	
	Number of Gullies		
	Total Length of Gullies (ft.):		
	Average Height of Gullies		

<u>Step</u>	<u>Description</u>	<u>Value</u>
4.4	Number of Debris Jams:	<b>0</b>
4.5	Flow Regulation Type:	<b>None</b>
	Use:	
4.7	Stormwater Inputs	
	Overland Flow	Road Ditch
	Field Ditch	Tile Drain
	Other	Ub Strm Wtr Pipe
4.9	Beaver Dams:	<b>1</b>
	Affected length (ft.):	<b>20.0</b>
5.2	Migration Features	
	Flood Chutes:	<b>0</b>
	Neck Cutoffs:	<b>0</b>
	Channel Avulsions:	<b>0</b>
	Braiding:	<b>0</b>
5.3	Steep Riffles and Head Cuts	
	Steep Riffles:	<b>2</b>
	Head Cuts:	<b>0</b>
5.4	Animal Crossings:	<b>No</b>
5.5	Channel Alterations	
	Straightening:	<b>None</b>
	Length (ft.):	<b>0.0</b>
	Dredging:	<b>None</b>



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## Phase 2 - FIT - Legacy Data Report

## Huntington River

SGAT Version: **4.56**

Reach: **M06 -0**

<u>Step</u>	<u>Description</u>	<u>Value</u>	
1.2	Alluvial Fan:	<b>None</b>	
1.3	<u>Encroachments - Side</u>	<u>One</u>	<u>Both</u>
	Berm Length (ft.):	<b>0.0</b>	<b>0.0</b>
	Path Length (ft.):	<b>0.0</b>	<b>0.0</b>
	Road Length (ft.):	<b>0.0</b>	<b>0.0</b>
	Railroad Lenth (ft.):	<b>0.0</b>	<b>0.0</b>
	Development Length:	<b>0.0</b>	<b>0.0</b>
3.1	<u>Erosion - Bank</u>	<u>Left</u>	<u>Right</u>
	Erosion Length (ft.):	<b>155.0</b>	<b>610.6</b>
	Erosion Height (ft.):	<b>0.0</b>	<b>0.0</b>
	Revetment Type:	<b>Rip-Rap</b>	<b>Multiple</b>
	Revetment length	<b>955.9</b>	<b>318.5</b>
3.2	<u>Buffer Less Than 25 ft.</u>	<b>0</b>	<b>0</b>
3.3	<u>Riparian Corridor</u>	<u>Left</u>	<u>Right</u>
	Mass Failures:	<b>207.57</b>	
	Average Height (ft.):	<b>0.0</b>	
	Mass Failures:	<b>Multiple</b>	
	Average Heigh (ft.):	<b>0.0</b>	
	Gullies:	<b>None</b>	
	Number of Gullies		
	Total Length of Gullies (ft.):		
	Average Height of Gullies		

<u>Step</u>	<u>Description</u>	<u>Value</u>
4.4	Number of Debris Jams:	<b>0</b>
4.5	Flow Regulation Type:	<b>None</b>
	Use:	
4.7	Stormwater Inputs	
	Overland Flow	Road Ditch
	Field Ditch	Tile Drain
	Other	Ub Strm Wtr Pipe
4.9	Beaver Dams:	<b>0</b>
	Affected length (ft.):	<b>0.0</b>
5.2	Migration Features	
	Flood Chutes:	<b>2</b>
	Neck Cutoffs:	<b>0</b>
	Channel Avulsions:	<b>0</b>
	Braiding:	<b>0</b>
5.3	Steep Riffles and Head Cuts	
	Steep Riffles:	<b>5</b>
	Head Cuts:	<b>0</b>
5.4	Animal Crossings:	<b>Yes</b>
5.5	Channel Alterations	
	Straightening:	<b>None</b>
	Length (ft.):	<b>0.0</b>
	Dredging:	<b>None</b>



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Huntington River

SGAT Version: 4.56

Reach: **M13 -B**

<u>Step</u>	<u>Description</u>	<u>Value</u>	
1.2	Alluvial Fan:	<b>None</b>	
1.3	<u>Encroachments - Side</u>	<u>One</u>	<u>Both</u>
	Berm Length (ft.):	<b>0.0</b>	<b>0.0</b>
	Path Length (ft.):	<b>0.0</b>	<b>0.0</b>
	Road Length (ft.):	<b>1,000.7</b>	<b>0.0</b>
	Railroad Lenth (ft.):	<b>0.0</b>	<b>0.0</b>
	Development Length:	<b>333.2</b>	<b>365.4</b>
3.1	<u>Erosion - Bank</u>	<u>Left</u>	<u>Right</u>
	Erosion Length (ft.):	<b>141.2</b>	<b>43.3</b>
	Erosion Height (ft.):	<b>0.0</b>	<b>0.0</b>
	Revetment Type:	<b>Rip-Rap</b>	<b>None</b>
	Revetment length	<b>509.5</b>	<b>0.0</b>
3.2	<u>Buffer Less Than 25 ft.</u>	<b>0</b>	<b>0</b>
3.3	<u>Riparian Corridor</u>	<u>Left</u>	<u>Right</u>
	Mass Failures:		
	Average Height (ft.):		
	Mass Failures:	<b>None</b>	
	Average Heigh (ft.):		
	Gullies:	<b>None</b>	
	Number of Gullies		
	Total Length of Gullies (ft.):		
	Average Height of Gullies		

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



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Huntington River

SGAT Version: 4.56

Reach: **M14 -C**

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

<u>Step</u>	<u>Description</u>	<u>Value</u>
4.4	Number of Debris Jams:	<b>0</b>
4.5	Flow Regulation Type:	<b>None</b>
	Use:	
4.7	Stormwater Inputs	
	Overland Flow	Road Ditch
	Field Ditch	Tile Drain
	Other	Ub Strm Wtr Pipe
4.9	Beaver Dams:	<b>0</b>
	Affected length (ft.):	<b>0.0</b>
5.2	Migration Features	
	Flood Chutes:	<b>0</b>
	Neck Cutoffs:	<b>0</b>
	Channel Avulsions:	<b>0</b>
	Braiding:	<b>0</b>
5.3	Steep Riffles and Head Cuts	
	Steep Riffles:	<b>0</b>
	Head Cuts:	<b>0</b>
5.4	Animal Crossings:	<b>No</b>
5.5	Channel Alterations	
	Straightening:	<b>Straightening</b>
	Length (ft.):	<b>540.9</b>
	Dredging:	<b>None</b>





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Huntington River

SGAT Version: 4.56

Reach: **M02 -C**

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

<u>Step</u>	<u>Description</u>	<u>Value</u>
4.4	Number of Debris Jams:	
4.5	Flow Regulation Type:	
	Use:	
4.7	Stormwater Inputs	
	Overland Flow	Road Ditch
	Field Ditch	Tile Drain
	Other	Ub Strm Wtr Pipe
4.9	Beaver Dams:	
	Affected length (ft.):	
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:	
	Length (ft.):	<b>0.0</b>
	Dredging:	



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Huntington River

SGAT Version: 4.56

Reach: **M03 -B**

<u>Step</u>	<u>Description</u>	<u>Value</u>	
1.2	Alluvial Fan:	<b>None</b>	
1.3	<u>Encroachments - Side</u>	<u>One</u>	<u>Both</u>
	Berm Length (ft.):	<b>0.0</b>	<b>0.0</b>
	Path Length (ft.):	<b>0.0</b>	<b>0.0</b>
	Road Length (ft.):	<b>990.0</b>	<b>0.0</b>
	Railroad Lenth (ft.):	<b>0.0</b>	<b>0.0</b>
	Development Length:	<b>439.8</b>	<b>0.0</b>
3.1	<u>Erosion - Bank</u>	<u>Left</u>	<u>Right</u>
	Erosion Length (ft.):	<b>137.2</b>	<b>137.2</b>
	Erosion Height (ft.):	<b>10.0</b>	<b>11.5</b>
	Revetment Type:	<b>None</b>	<b>None</b>
	Revetment length	<b>0.0</b>	<b>0.0</b>
3.2	<u>Buffer Less Than 25 ft.</u>	<b>0</b>	<b>118</b>
3.3	<u>Riparian Corridor</u>	<u>Left</u>	<u>Right</u>
	Mass Failures:		
	Average Height (ft.):		
	Mass Failures:	<b>None</b>	
	Average Heigh (ft.):		
	Gullies:	<b>None</b>	
	Number of Gullies		
	Total Length of Gullies (ft.):		
	Average Height of Gullies		

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



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Huntington River

SGAT Version: 4.56

Reach: M14 -A

<u>Step</u>	<u>Description</u>	<u>Value</u>	
1.2	Alluvial Fan:	<b>None</b>	
1.3	<u>Encroachments - Side</u>	<u>One</u>	<u>Both</u>
	Berm Length (ft.):	<b>0.0</b>	<b>0.0</b>
	Path Length (ft.):	<b>0.0</b>	<b>0.0</b>
	Road Length (ft.):	<b>0.0</b>	<b>0.0</b>
	Railroad Lenth (ft.):	<b>0.0</b>	<b>0.0</b>
	Development Length:	<b>0.0</b>	<b>0.0</b>
3.1	<u>Erosion - Bank</u>	<u>Left</u>	<u>Right</u>
	Erosion Length (ft.):	<b>219.2</b>	<b>407.5</b>
	Erosion Height (ft.):	<b>0.0</b>	<b>3.0</b>
	Revetment Type:	<b>None</b>	<b>None</b>
	Revetment length	<b>0.0</b>	<b>0.0</b>
3.2	<u>Buffer Less Than 25 ft.</u>	<b>0</b>	<b>0</b>
3.3	<u>Riparian Corridor</u>	<u>Left</u>	<u>Right</u>
	Mass Failures:	<b>203.32</b>	
	Average Height (ft.):	<b>200.0</b>	
	Mass Failures:	<b>One</b>	
	Average Heigh (ft.):	<b>200.0</b>	
	Gullies:	<b>None</b>	
	Number of Gullies		
	Total Length of Gullies (ft.):		
	Average Height of Gullies		

<u>Step</u>	<u>Description</u>	<u>Value</u>
4.4	Number of Debris Jams:	<b>2</b>
4.5	Flow Regulation Type:	<b>None</b>
	Use:	
4.7	Stormwater Inputs	
	Overland Flow	Road Ditch
	Field Ditch	Tile Drain
	Other	Ub Strm Wtr Pipe
4.9	Beaver Dams:	<b>1</b>
	Affected length (ft.):	<b>0.0</b>
5.2	Migration Features	
	Flood Chutes:	<b>3</b>
	Neck Cutoffs:	<b>0</b>
	Channel Avulsions:	<b>0</b>
	Braiding:	<b>0</b>
5.3	Steep Riffles and Head Cuts	
	Steep Riffles:	<b>1</b>
	Head Cuts:	<b>0</b>
5.4	Animal Crossings:	<b>No</b>
5.5	Channel Alterations	
	Straightening:	<b>None</b>
	Length (ft.):	<b>0.0</b>
	Dredging:	<b>None</b>



# Stream Geomorphic Assessment

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## Phase 2 - FIT - Legacy Data Report

## Huntington River

SGAT Version: **4.56**

Reach: **T26.02 -0**

<u>Step</u>	<u>Description</u>	<u>Value</u>
1.2	Alluvial Fan:	<b>None</b>
1.3	<u>Encroachments - Side</u>	<u>One</u> <u>Both</u>
	Berm Length (ft.):	<b>0.0</b> <b>0.0</b>
	Path Length (ft.):	<b>0.0</b> <b>0.0</b>
	Road Length (ft.):	<b>1,841.7</b> <b>0.0</b>
	Railroad Lenth (ft.):	<b>0.0</b> <b>0.0</b>
	Development Length:	<b>1,288.2</b> <b>0.0</b>
3.1	<u>Erosion - Bank</u>	<u>Left</u> <u>Right</u>
	Erosion Length (ft.):	<b>157.2</b> <b>119.6</b>
	Erosion Height (ft.):	<b>5.2</b> <b>10.0</b>
	Revetment Type:	<b>Rip-Rap</b> <b>Rip-Rap</b>
	Revetment length	<b>24.0</b> <b>40.1</b>
3.2	<u>Buffer Less Than 25 ft.</u>	<b>615</b> <b>516</b>
3.3	<u>Riparian Corridor</u>	<u>Left</u> <u>Right</u>
	Mass Failures:	<b>53.58</b> <b>65.29</b>
	Average Height (ft.):	<b>95.0</b> <b>35.0</b>
	Mass Failures:	<b>Multiple</b>
	Average Heigh (ft.):	<b>65.0</b>
	Gullies:	<b>None</b>
	Number of Gullies	
	Total Length of Gullies (ft.):	
	Average Height of Gullies	

<u>Step</u>	<u>Description</u>	<u>Value</u>
4.4	Number of Debris Jams:	<b>1</b>
4.5	Flow Regulation Type:	<b>None</b>
	Use:	
4.7	Stormwater Inputs	
	Overland Flow <b>0</b>	Road Ditch <b>5</b>
	Field Ditch <b>0</b>	Tile Drain <b>0</b>
	Other <b>0</b>	Ub Strm Wtr Pipe <b>0</b>
4.9	Beaver Dams:	<b>0</b>
	Affected length (ft.):	<b>0.0</b>
5.2	Migration Features	
	Flood Chutes:	<b>12</b>
	Neck Cutoffs:	<b>0</b>
	Channel Avulsions:	<b>0</b>
	Braiding:	<b>0</b>
5.3	Steep Riffles and Head Cuts	
	Steep Riffles:	<b>0</b>
	Head Cuts:	<b>0</b>
5.4	Animal Crossings:	<b>No</b>
5.5	Channel Alterations	
	Straightening:	<b>None</b>
	Length (ft.):	<b>0.0</b>
	Dredging:	<b>None</b>



Phase 2 - FIT - Legacy Data Report

Huntington River

SGAT Version: 4.56

Reach: **M05 -0**

<u>Step</u>	<u>Description</u>	<u>Value</u>
1.2	Alluvial Fan:	<b>None</b>
1.3	<u>Encroachments - Side</u>	<u>One</u> <u>Both</u>
	Berm Length (ft.):	<b>0.0</b> <b>0.0</b>
	Path Length (ft.):	<b>0.0</b> <b>0.0</b>
	Road Length (ft.):	<b>2,417.5</b> <b>0.0</b>
	Railroad Lenth (ft.):	<b>0.0</b> <b>0.0</b>
	Development Length:	<b>141.6</b> <b>0.0</b>
3.1	<u>Erosion - Bank</u>	<u>Left</u> <u>Right</u>
	Erosion Length (ft.):	<b>105.2</b> <b>100.0</b>
	Erosion Height (ft.):	<b>8.0</b> <b>15.0</b>
	Revetment Type:	<b>Rip-Rap</b> <b>None</b>
	Revetment length	<b>1,419.9</b> <b>0.0</b>
3.2	<u>Buffer Less Than 25 ft.</u>	<b>2157</b> <b>1116</b>
3.3	<u>Riparian Corridor</u>	<u>Left</u> <u>Right</u>
	Mass Failures:	<b>77.45</b>
	Average Height (ft.):	<b>76.0</b>
	Mass Failures:	<b>One</b>
	Average Heigh (ft.):	<b>76.0</b>
	Gullies:	<b>None</b>
	Number of Gullies	
	Total Length of Gullies (ft.):	
	Average Height of Gullies	

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



# Stream Geomorphic Assessment

Agency of Natural Resources



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## Phase 2 - FIT - Legacy Data Report

## Huntington River

SGAT Version: **4.56**

Reach: **M09 -D**

<u>Step</u>	<u>Description</u>	<u>Value</u>	<u>Step</u>	<u>Description</u>	<u>Value</u>
1.2	Alluvial Fan:	<b>None</b>	4.4	Number of Debris Jams:	<b>1</b>
1.3	<u>Encroachments - Side</u>	<u>One</u>	4.5	Flow Regulation Type:	<b>None</b>
	Berm Length (ft.):	<b>0.0</b>		Use:	
	Path Length (ft.):	<b>0.0</b>	4.7	Stormwater Inputs	
	Road Length (ft.):	<b>0.3</b>		Overland Flow	Road Ditch
	Railroad Lenth (ft.):	<b>0.0</b>		Field Ditch	Tile Drain
	Development Length:	<b>1,564.5</b>		Other	Ub Strm Wtr Pipe
3.1	<u>Erosion - Bank</u>	<u>Left</u>	4.9	Beaver Dams:	<b>0</b>
	Erosion Length (ft.):	<b>223.4</b>		Affected length (ft.):	<b>0.0</b>
	Erosion Height (ft.):	<b>0.0</b>	5.2	Migration Features	
	Revetment Type:	<b>Rip-Rap</b>		Flood Chutes:	<b>2</b>
	Revetment length	<b>484.4</b>		Neck Cutoffs:	<b>0</b>
3.2	<u>Buffer Less Than 25 ft.</u>	<b>0</b>		Channel Avulsions:	<b>0</b>
3.3	<u>Riparian Corridor</u>	<u>Left</u>		Braiding:	<b>0</b>
	Mass Failures:		5.3	Steep Riffles and Head Cuts	
	Average Height (ft.):			Steep Riffles:	<b>0</b>
	Mass Failures:	<b>None</b>		Head Cuts:	<b>0</b>
	Average Heigh (ft.):		5.4	Animal Crossings:	<b>No</b>
	Gullies:	<b>None</b>	5.5	Channel Alterations	
	Number of Gullies			Straightening:	<b>None</b>
	Total Length of Gullies (ft.):			Length (ft.):	<b>0.0</b>
	Average Height of Gullies			Dredging:	<b>None</b>



Phase 2 - FIT - Legacy Data Report

Huntington River

SGAT Version: 4.56

Reach: T22.01 -0

<u>Step</u>	<u>Description</u>	<u>Value</u>
1.2	Alluvial Fan:	<b>None</b>
1.3	<u>Encroachments - Side</u>	<u>One</u> <u>Both</u>
	Berm Length (ft.):	<b>0.0</b> <b>0.0</b>
	Path Length (ft.):	<b>0.0</b> <b>0.0</b>
	Road Length (ft.):	<b>0.0</b> <b>0.0</b>
	Railroad Lenth (ft.):	<b>0.0</b> <b>0.0</b>
	Development Length:	<b>778.5</b> <b>0.0</b>
3.1	<u>Erosion - Bank</u>	<u>Left</u> <u>Right</u>
	Erosion Length (ft.):	<b>189.3</b> <b>129.8</b>
	Erosion Height (ft.):	<b>3.7</b> <b>1.4</b>
	Revetment Type:	<b>None</b> <b>None</b>
	Revetment length	<b>0.0</b> <b>0.0</b>
3.2	<u>Buffer Less Than 25 ft.</u>	<b>0</b> <b>210</b>
3.3	<u>Riparian Corridor</u>	<u>Left</u> <u>Right</u>
	Mass Failures:	<b>192.27</b>
	Average Height (ft.):	<b>9.0</b>
	Mass Failures:	<b>Multiple</b>
	Average Heigh (ft.):	<b>6.7</b>
	Gullies:	<b>None</b>
	Number of Gullies	
	Total Length of Gullies (ft.):	
	Average Height of Gullies	

<u>Step</u>	<u>Description</u>	<u>Value</u>
4.4	Number of Debris Jams:	<b>7</b>
4.5	Flow Regulation Type:	<b>None</b>
	Use:	
4.7	Stormwater Inputs	
	Overland Flow	Road Ditch
	Field Ditch	Tile Drain
	Other	Ub Strm Wtr Pipe
4.9	Beaver Dams:	<b>0</b>
	Affected length (ft.):	<b>0.0</b>
5.2	Migration Features	
	Flood Chutes:	<b>11</b>
	Neck Cutoffs:	<b>0</b>
	Channel Avulsions:	<b>0</b>
	Braiding:	<b>0</b>
5.3	Steep Riffles and Head Cuts	
	Steep Riffles:	<b>0</b>
	Head Cuts:	<b>0</b>
5.4	Animal Crossings:	<b>Yes</b>
5.5	Channel Alterations	
	Straightening:	<b>None</b>
	Length (ft.):	<b>0.0</b>
	Dredging:	<b>None</b>



Phase 2 - FIT - Legacy Data Report

Huntington River

SGAT Version: 4.56

Reach: **M09 -C**

<u>Step</u>	<u>Description</u>	<u>Value</u>	
1.2	Alluvial Fan:	<b>None</b>	
1.3	<u>Encroachments - Side</u>	<u>One</u>	<u>Both</u>
	Berm Length (ft.):	<b>0.0</b>	<b>0.0</b>
	Path Length (ft.):	<b>0.0</b>	<b>0.0</b>
	Road Length (ft.):	<b>1,301.9</b>	<b>0.0</b>
	Railroad Lenth (ft.):	<b>0.0</b>	<b>0.0</b>
	Development Length:	<b>0.0</b>	<b>0.0</b>
3.1	<u>Erosion - Bank</u>	<u>Left</u>	<u>Right</u>
	Erosion Length (ft.):	<b>282.2</b>	<b>25.7</b>
	Erosion Height (ft.):	<b>0.0</b>	<b>0.0</b>
	Revetment Type:	<b>Rip-Rap</b>	<b>Rip-Rap</b>
	Revetment length	<b>357.1</b>	<b>44.7</b>
3.2	<u>Buffer Less Than 25 ft.</u>	<b>0</b>	<b>0</b>
3.3	<u>Riparian Corridor</u>	<u>Left</u>	<u>Right</u>
	Mass Failures:		
	Average Height (ft.):		
	Mass Failures:	<b>None</b>	
	Average Heigh (ft.):		
	Gullies:	<b>None</b>	
	Number of Gullies		
	Total Length of Gullies (ft.):		
	Average Height of Gullies		

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





Phase 2 - FIT - Legacy Data Report

Huntington River

SGAT Version: 4.56

Reach: **M07 -0**

<u>Step</u>	<u>Description</u>	<u>Value</u>
1.2	Alluvial Fan:	<b>None</b>
1.3	<u>Encroachments - Side</u>	<u>One</u> <u>Both</u>
	Berm Length (ft.):	<b>0.0</b> <b>0.0</b>
	Path Length (ft.):	<b>0.0</b> <b>0.0</b>
	Road Length (ft.):	<b>341.4</b> <b>0.0</b>
	Railroad Lenth (ft.):	<b>0.0</b> <b>0.0</b>
	Development Length:	<b>0.0</b> <b>0.0</b>
3.1	<u>Erosion - Bank</u>	<u>Left</u> <u>Right</u>
	Erosion Length (ft.):	<b>563.8</b> <b>0.0</b>
	Erosion Height (ft.):	<b>0.0</b> <b>0.0</b>
	Revetment Type:	<b>Rip-Rap</b> <b>Rip-Rap</b>
	Revetment length	<b>174.1</b> <b>592.1</b>
3.2	<u>Buffer Less Than 25 ft.</u>	<b>0</b> <b>0</b>
3.3	<u>Riparian Corridor</u>	<u>Left</u> <u>Right</u>
	Mass Failures:	<b>86.06</b>
	Average Height (ft.):	<b>17.4</b>
	Mass Failures:	<b>Multiple</b>
	Average Heigh (ft.):	<b>17.5</b>
	Gullies:	<b>None</b>
	Number of Gullies	
	Total Length of Gullies (ft.):	
	Average Height of Gullies	

<u>Step</u>	<u>Description</u>	<u>Value</u>
4.4	Number of Debris Jams:	<b>2</b>
4.5	Flow Regulation Type:	<b>None</b>
	Use:	
4.7	Stormwater Inputs	
	Overland Flow	Road Ditch
	Field Ditch	Tile Drain
	Other	Ub Strm Wtr Pipe
4.9	Beaver Dams:	<b>0</b>
	Affected length (ft.):	<b>0.0</b>
5.2	Migration Features	
	Flood Chutes:	<b>3</b>
	Neck Cutoffs:	<b>0</b>
	Channel Avulsions:	<b>0</b>
	Braiding:	<b>0</b>
5.3	Steep Riffles and Head Cuts	
	Steep Riffles:	<b>4</b>
	Head Cuts:	<b>0</b>
5.4	Animal Crossings:	<b>No</b>
5.5	Channel Alterations	
	Straightening:	<b>None</b>
	Length (ft.):	<b>0.0</b>
	Dredging:	<b>None</b>



Phase 2 - FIT - Legacy Data Report

Huntington River

SGAT Version: 4.56

Reach: **M03 -A**

<u>Step</u>	<u>Description</u>	<u>Value</u>	
1.2	Alluvial Fan:	<b>None</b>	
1.3	<u>Encroachments - Side</u>	<u>One</u>	<u>Both</u>
	Berm Length (ft.):	<b>0.0</b>	<b>0.0</b>
	Path Length (ft.):	<b>0.0</b>	<b>0.0</b>
	Road Length (ft.):	<b>0.0</b>	<b>0.0</b>
	Railroad Lenth (ft.):	<b>0.0</b>	<b>0.0</b>
	Development Length:	<b>113.6</b>	<b>0.0</b>
3.1	<u>Erosion - Bank</u>	<u>Left</u>	<u>Right</u>
	Erosion Length (ft.):	<b>0.0</b>	<b>0.0</b>
	Erosion Height (ft.):	<b>0.0</b>	<b>0.0</b>
	Revetment Type:	<b>None</b>	<b>None</b>
	Revetment length	<b>0.0</b>	<b>0.0</b>
3.2	<u>Buffer Less Than 25 ft.</u>	<b>0</b>	<b>0</b>
3.3	<u>Riparian Corridor</u>	<u>Left</u>	<u>Right</u>
	Mass Failures:		
	Average Height (ft.):		
	Mass Failures:	<b>None</b>	
	Average Heigh (ft.):		
	Gullies:	<b>None</b>	
	Number of Gullies		
	Total Length of Gullies (ft.):		
	Average Height of Gullies		

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



Phase 2 - FIT - Legacy Data Report

Huntington River

SGAT Version: 4.56

Reach: **M09 -A**

<u>Step</u>	<u>Description</u>	<u>Value</u>	
1.2	Alluvial Fan:	<b>None</b>	
1.3	<u>Encroachments - Side</u>	<u>One</u>	<u>Both</u>
	Berm Length (ft.):	<b>0.0</b>	<b>0.0</b>
	Path Length (ft.):	<b>0.0</b>	<b>0.0</b>
	Road Length (ft.):	<b>0.0</b>	<b>0.0</b>
	Railroad Lenth (ft.):	<b>0.0</b>	<b>0.0</b>
	Development Length:	<b>0.0</b>	<b>0.0</b>
3.1	<u>Erosion - Bank</u>	<u>Left</u>	<u>Right</u>
	Erosion Length (ft.):	<b>355.3</b>	<b>0.0</b>
	Erosion Height (ft.):	<b>0.0</b>	<b>0.0</b>
	Revetment Type:	<b>None</b>	<b>None</b>
	Revetment length	<b>0.0</b>	<b>0.0</b>
3.2	<u>Buffer Less Than 25 ft.</u>	<b>0</b>	<b>0</b>
3.3	<u>Riparian Corridor</u>	<u>Left</u>	<u>Right</u>
	Mass Failures:		
	Average Height (ft.):		
	Mass Failures:	<b>None</b>	
	Average Heigh (ft.):		
	Gullies:	<b>None</b>	
	Number of Gullies		
	Total Length of Gullies (ft.):		
	Average Height of Gullies		

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



# Stream Geomorphic Assessment

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## Phase 2 - FIT - Legacy Data Report

## Huntington River

SGAT Version: **4.56**

Reach: **M17 -A**

<u>Step</u>	<u>Description</u>	<u>Value</u>
1.2	Alluvial Fan:	<b>None</b>
1.3	<u>Encroachments - Side</u>	<u>One</u> <u>Both</u>
	Berm Length (ft.):	<b>0.0</b> <b>0.0</b>
	Path Length (ft.):	<b>0.0</b> <b>0.0</b>
	Road Length (ft.):	<b>2,027.1</b> <b>0.0</b>
	Railroad Lenth (ft.):	<b>0.0</b> <b>0.0</b>
	Development Length:	<b>354.4</b> <b>100.7</b>
3.1	<u>Erosion - Bank</u>	<u>Left</u> <u>Right</u>
	Erosion Length (ft.):	<b>132.0</b> <b>0.0</b>
	Erosion Height (ft.):	<b>7.0</b> <b>0.0</b>
	Revetment Type:	<b>Rip-Rap</b> <b>None</b>
	Revetment length	<b>740.3</b> <b>0.0</b>
3.2	<u>Buffer Less Than 25 ft.</u>	<b>2212</b> <b>834</b>
3.3	<u>Riparian Corridor</u>	<u>Left</u> <u>Right</u>
	Mass Failures:	
	Average Height (ft.):	
	Mass Failures:	<b>None</b>
	Average Heigh (ft.):	
	Gullies:	<b>None</b>
	Number of Gullies	
	Total Length of Gullies (ft.):	
	Average Height of Gullies	

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



Phase 2 - FIT - Legacy Data Report

Huntington River

SGAT Version: 4.56

Reach: **M04 -A**

<u>Step</u>	<u>Description</u>	<u>Value</u>	
1.2	Alluvial Fan:	<b>None</b>	
1.3	<u>Encroachments - Side</u>	<u>One</u>	<u>Both</u>
	Berm Length (ft.):	<b>0.0</b>	<b>0.0</b>
	Path Length (ft.):	<b>0.0</b>	<b>0.0</b>
	Road Length (ft.):	<b>524.3</b>	<b>0.0</b>
	Railroad Lenth (ft.):	<b>0.0</b>	<b>0.0</b>
	Development Length:	<b>0.0</b>	<b>0.0</b>
3.1	<u>Erosion - Bank</u>	<u>Left</u>	<u>Right</u>
	Erosion Length (ft.):	<b>0.0</b>	<b>0.0</b>
	Erosion Height (ft.):	<b>0.0</b>	<b>0.0</b>
	Revetment Type:	<b>None</b>	<b>None</b>
	Revetment length	<b>0.0</b>	<b>0.0</b>
3.2	<u>Buffer Less Than 25 ft.</u>	<b>0</b>	<b>0</b>
3.3	<u>Riparian Corridor</u>	<u>Left</u>	<u>Right</u>
	Mass Failures:		
	Average Height (ft.):		
	Mass Failures:	<b>None</b>	
	Average Heigh (ft.):		
	Gullies:	<b>None</b>	
	Number of Gullies		
	Total Length of Gullies (ft.):		
	Average Height of Gullies		

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



# Stream Geomorphic Assessment

Agency of Natural Resources



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## Phase 2 - FIT - Legacy Data Report

## Huntington River

SGAT Version: **4.56**

Reach: **T26.01 -0**

<u>Step</u>	<u>Description</u>	<u>Value</u>	
1.2	Alluvial Fan:	<b>None</b>	
1.3	<u>Encroachments - Side</u>	<u>One</u>	<u>Both</u>
	Berm Length (ft.):	<b>0.0</b>	<b>0.0</b>
	Path Length (ft.):	<b>0.0</b>	<b>0.0</b>
	Road Length (ft.):	<b>380.4</b>	<b>0.0</b>
	Railroad Lenth (ft.):	<b>0.0</b>	<b>0.0</b>
	Development Length:	<b>0.0</b>	<b>0.0</b>
3.1	<u>Erosion - Bank</u>	<u>Left</u>	<u>Right</u>
	Erosion Length (ft.):	<b>612.8</b>	<b>90.8</b>
	Erosion Height (ft.):	<b>5.5</b>	<b>8.0</b>
	Revetment Type:	<b>Rip-Rap</b>	<b>Rip-Rap</b>
	Revetment length	<b>200.4</b>	<b>359.3</b>
3.2	<u>Buffer Less Than 25 ft.</u>	<b>673</b>	<b>1805</b>
3.3	<u>Riparian Corridor</u>	<u>Left</u>	<u>Right</u>
	Mass Failures:		
	Average Height (ft.):		
	Mass Failures:	<b>None</b>	
	Average Heigh (ft.):		
	Gullies:	<b>None</b>	
	Number of Gullies		
	Total Length of Gullies (ft.):		
	Average Height of Gullies		

<u>Step</u>	<u>Description</u>	<u>Value</u>
4.4	Number of Debris Jams:	<b>1</b>
4.5	Flow Regulation Type:	<b>None</b>
	Use:	
4.7	Stormwater Inputs	
	Overland Flow	Road Ditch
	Field Ditch	Tile Drain
	Other	Ub Strm Wtr Pipe
4.9	Beaver Dams:	<b>0</b>
	Affected length (ft.):	<b>0.0</b>
5.2	Migration Features	
	Flood Chutes:	<b>4</b>
	Neck Cutoffs:	<b>0</b>
	Channel Avulsions:	<b>2</b>
	Braiding:	<b>0</b>
5.3	Steep Riffles and Head Cuts	
	Steep Riffles:	<b>0</b>
	Head Cuts:	<b>0</b>
5.4	Animal Crossings:	<b>No</b>
5.5	Channel Alterations	
	Straightening:	<b>Straightening</b>
	Length (ft.):	<b>625.4</b>
	Dredging:	<b>None</b>