

Seep:	0-No	
Stormwater Runoff:	1-Yes	
Stormwater Inputs:	0-None	
Fallen Trees:	1-Yes	
Degradation:	5-Severe	
Aggradation:		1-Low
Slumping:		1-Yes
Additional Notes:	Classification? High	
	Presence of Water? Yes	
	Quantity of Water? Puddles/Stagnant	
	Notes/Comments: Gully connected upstream to a pipe running under the trail. This site runs directly into the MN river	



Photo 2 Image



Photo 1 View Direction
Upstream

Photo 1 Caption Upstream view of gully from right bank. Photo 2 View Direction Downstream

Photo 2 Caption

Downstream view of gully where it connects to the MN River.



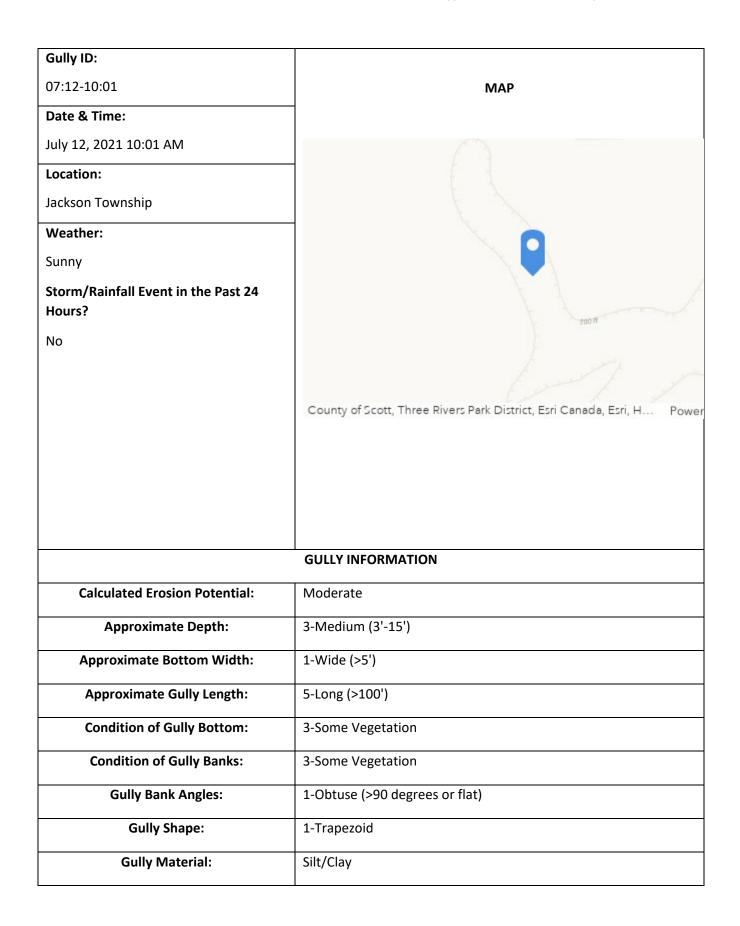
Photo 4 Image



Photo 3 View Direction Left Bank

Photo 3 Caption View of severe degradation on left bank. Photo 4 View Direction Left Bank

Photo 4 Caption View of large leaning trees on left bank.



Seep:	0-No	
Stormwater Runoff:	0-No	
Stormwater Inputs:		
Fallen Trees:	1-Yes	
Degradation:	1	3-Moderate
Aggradation:	0-None	
Slumping:	1-Yes	
Additional Notes:	Classification? Moderate	
	Presence of Water? Yes	
	Quantity of Water? Puddles/Stagnant	
	Notes/Comments: Gully that runs underneath walking trail through huge pipes and eventually connects downstream to another point where it flows into the MN river. The bottom is mainly silt but there are some rocks here and there. Water has algae on top.	



Photo 2 Image



Photo 1 View Direction

Downstream

Photo 1 Caption

Downstream view of area where tree roots have severe degradation

Photo 2 View Direction

Downstream

Photo 2 Caption

Downstream view of right bank which is bare in a large area and has degradation.



Photo 3 View Direction
Upstream

Photo 3 Caption

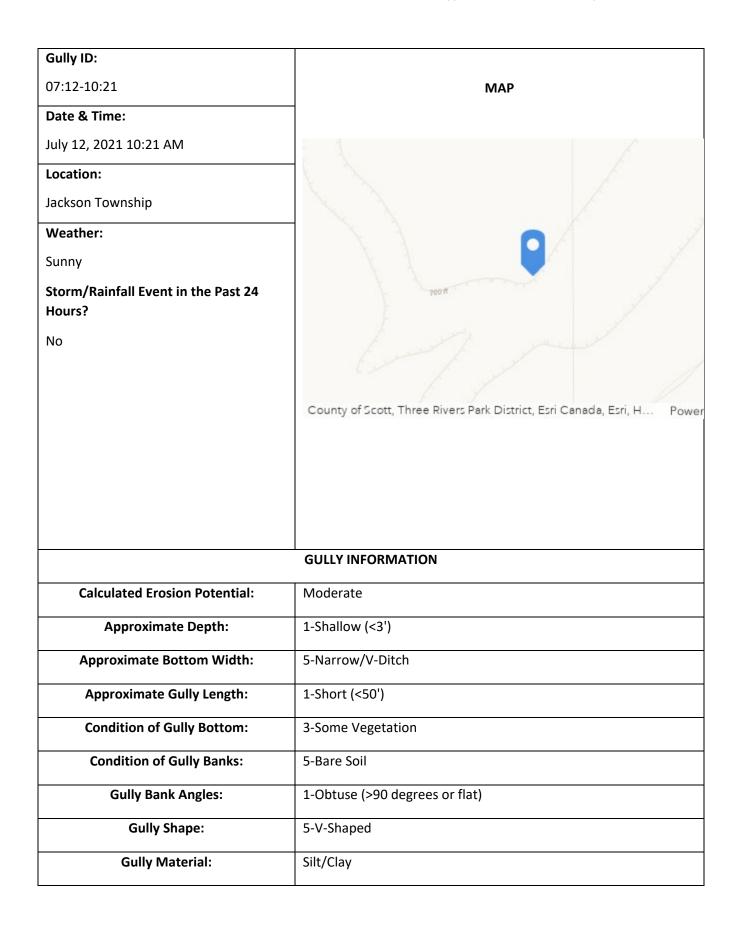
Upstream view of left bank with a tree beginning to lean over channel.

Photo 4 Image



Photo 4 View Direction
Upstream

Photo 4 Caption Upstream view of heavily vegetated right bank.



Seep:	0-No	
Stormwater Runoff:	0-No	
Stormwater Inputs:		
Fallen Trees:	1-Yes	
Degradation:	1-Low	
Aggradation:		1-Low
Slumping:		0-No
Additional Notes:	Classification? Moderate	
	Presence of Water? Yes	
	Quantity of Water? Puddles/Stagnant	
	Notes/Comments: Small gully that connects to a longer and wider one upstream, and downstream runs through a pipe into a pond. Although the pipe on the pond side appears to be covered in dirt.	



Photo 2 Image



Photo 1 View Direction

Upstream

Photo 1 Caption

Upstream view of gully, you can see where it connects to the wider gully upstream.

Photo 2 View Direction

Downstream

Photo 2 Caption

Downstream view of the other side of pipe which appears to be covered in dirt.

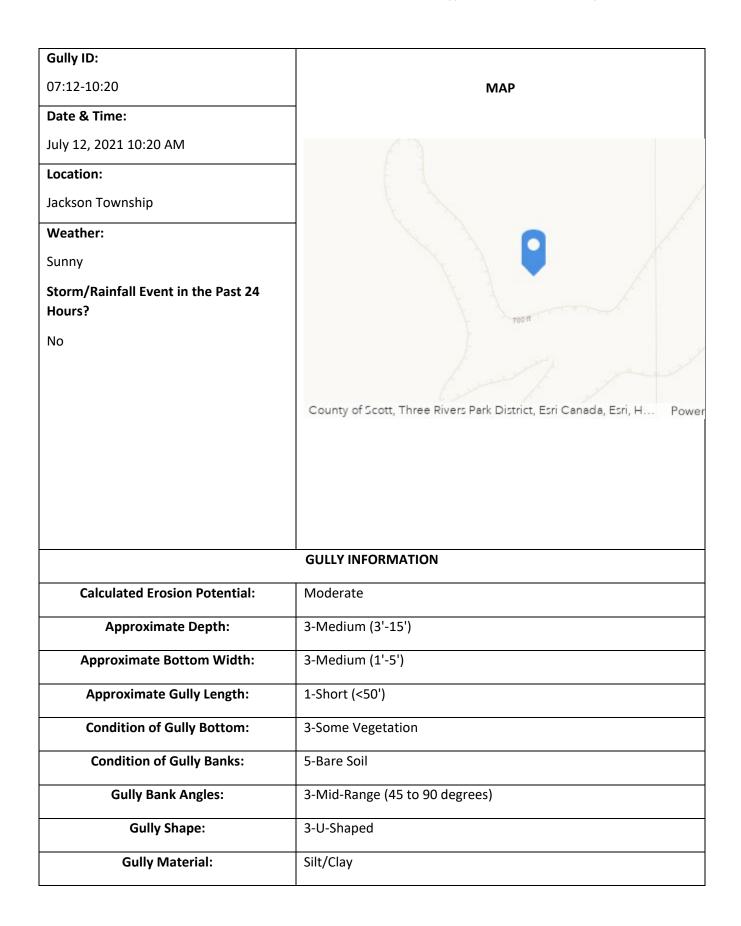


Photo 3 View Direction

Downstream

Photo 3 Caption

Downstream view of pipe from where this small gully begins downstream of the wider gully.



Seep:	0-No	
Stormwater Runoff:	0-No	
Stormwater Inputs:		
Fallen Trees:	0-No	
Degradation:		3-Moderate
Aggradation:		1-Low
Slumping:		1-Yes
Additional Notes:	Classification? Moderate	
	Presence of Water? No	
	Quantity of Water?	
	Notes/Comments: Gully with rocks on the right bank, minor slumping, more vegetation in bottom than banks	



Photo 1 View Direction
Downstream

Photo 1 Caption

Left bank

Photo 2 Image



Photo 2 View Direction
Downstream

Photo 2 Caption Right bank

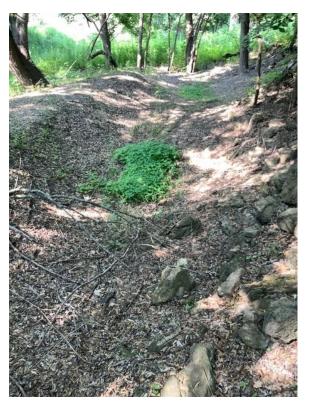
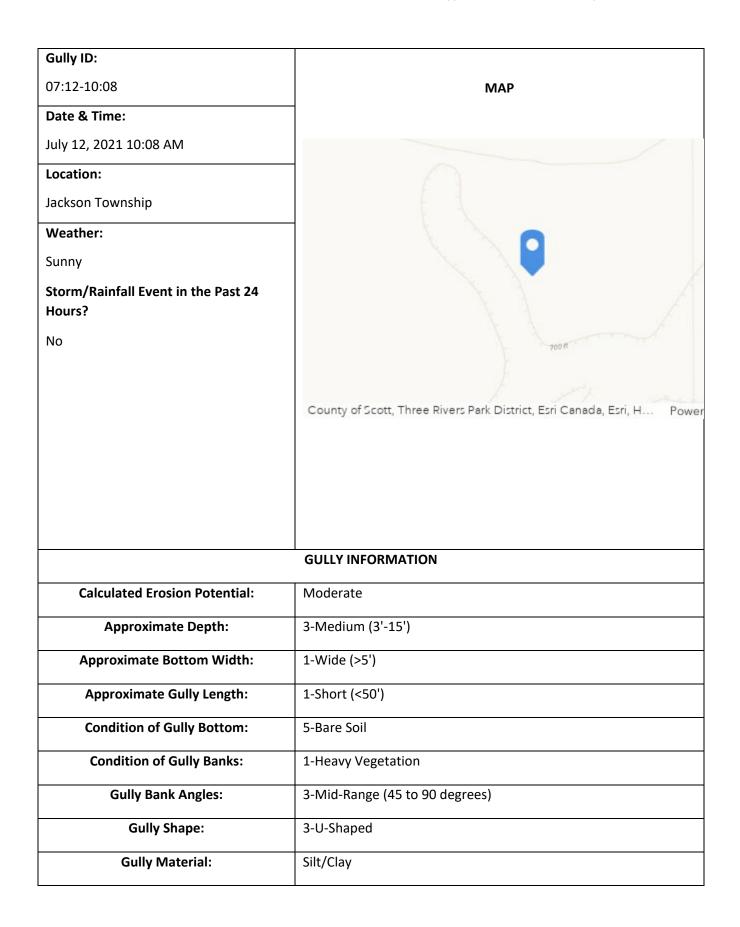


Photo 3 View Direction

Downstream

Photo 3 Caption

Middle and fallen branches



Seep:	0-No	
Stormwater Runoff:	1-Yes	
Stormwater Inputs:	0-None	
Fallen Trees:	1-Yes	
Degradation:		3-Moderate
Aggradation:	1-Low	
Slumping:	0-No	
Additional Notes:	Classification? Moderate	
	Presence of Water? Yes	
	Quantity of Water? Puddles/Stagnant	
	Notes/Comments: Pipe that leads into short gully, one fallen tree, hard to access due to vegetation so pictures are not gonna be good	



Photo 1 View Direction
Upstream

Photo 1 Caption

Pipe outfall

Photo 2 Image



Photo 2 View Direction
Downstream

Photo 2 Caption Right bank



Photo 3 View Direction
Downstream

Photo 3 Caption

Left bank

Photo 4 Image



Photo 4 View Direction
Downstream

Photo 4 Caption Gully bottom

a	
Gully ID:	
07:12-09:49	ΜΑΡ
Date & Time:	
July 12, 2021 9:49 AM	
Location:	,700 ft
Jackson Township	
Weather:	
Sunny	
Storm/Rainfall Event in the Past 24 Hours?	
No	
	County of Scott, Three Rivers Park District, Esri Canada, Esri, H Power
	GULLY INFORMATION
Calculated Erosion Potential:	Moderate
Approximate Depth:	3-Medium (3'-15')
Approximate Bottom Width:	1-Wide (>5')
Approximate Gully Length:	5-Long (>100')
Condition of Gully Bottom:	5-Bare Soil
Condition of Gully Banks:	3-Some Vegetation
Gully Bank Angles:	1-Obtuse (>90 degrees or flat)
	-
Gully Shape:	1-Trapezoid
Gully Material:	Silt/Clay

Seep:	0-No	
Stormwater Runoff:	0-No	
Stormwater Inputs:		
Fallen Trees:	1-Yes	
Degradation:	1-Low	
Aggradation:		1-Low
Slumping:		1-Yes
Additional Notes:	Classification? Moderate	
	Presence of Water? No	
	Quantity of Water?	
	Notes/Comments: Long gully off of trail, very wide bottom, some fallen branches further downstream and slumping throughout	



Photo 1 View Direction
Downstream

Photo 1 Caption

Right bank

Photo 2 Image



Photo 2 View Direction Right Bank

Photo 2 Caption Left bank

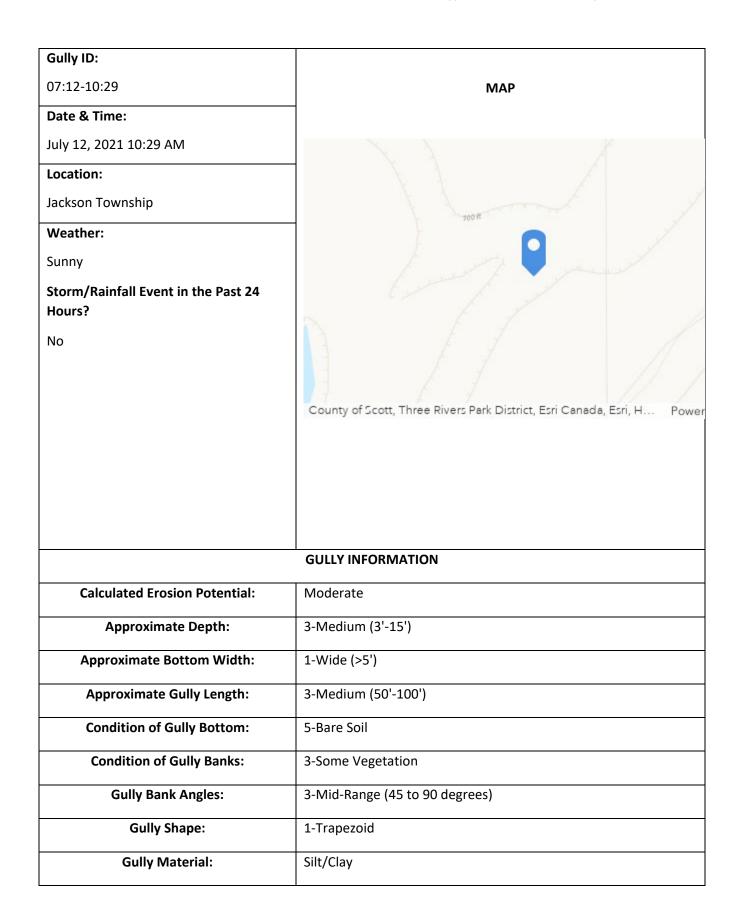


Photo 3 View Direction

Upstream

Photo 3 Caption

Fallen and slumping trees



Seep:	0-No	
Stormwater Runoff:	0-No	
Stormwater Inputs:		
Fallen Trees:	1-Yes	
Degradation:	5-Severe	
Aggradation:		3-Moderate
Slumping:		1-Yes
Additional Notes:	Classification? Moderate	
	Presence of Water? Yes	
	Quantity of Water? Puddles/Stagnant	
	Notes/Comments: Continuation of previous site, many pistol trees, hanging roots on left bank, unmoving water in bottom	



Photo 1 View Direction
Upstream

Photo 1 Caption

Left bank

Photo 2 Image



Photo 2 View Direction Upstream

Photo 2 Caption Right bank



Photo 3 View Direction

Downstream

Photo 3 Caption

Where it meets previous site