



Test Pit Log

Test Pit #: 1

Job Number: 21-013

Date: 1/14/2021

Project: Infiltration Study - Concordia Subdivision

Weather: Partly Cloudy T = 33-42°F

Location: Ann Arbor, Washtenaw County, Michigan

Ground Elv.: 849.0'

Soil Stratigraphy:		Pipe Installation #1	
<p>0 - 1' Moist dark brown Topsoil</p> <p>1' - 4'6" Moist brown silty Clay with trace to seams of sand</p> <p>4'6" - 7'3" Moist brown silty clayey Sand with seams to layers of silty sand</p> <p>7'3" - 12' Moist brown fine to medium Sand with traces of silt and gravel, occasional cobbles above 9' and occasional seams of silty sand or sand & gravel above 10'</p> <p>Note: Proposed pond bottom at Elevation 846'</p> <p>Groundwater Depth: <u>Not Encountered</u></p>		Soil Depth: <u>8'6"</u>	
		Inner Pipe Dia.: <u>6"</u>	
		Outer Pipe Dia.: <u>10"</u>	
		Embedment: <u>2"</u>	
		Stick-up: <u>5"</u>	
		Pipe Installation #2	
		Soil Depth: <u>8'6"</u>	
		Inner Pipe Dia.: <u>6"</u>	
		Outer Pipe Dia.: <u>10"</u>	
		Embedment: <u>2"</u>	
		Stick-up: <u>5"</u>	
		Pipe Distance: <u>3'</u>	
Soak Period (Pipe #1)		Soak Period (Pipe #2)	
Start Date: <u>1/14/2021</u>		Start Date: <u>1/14/2021</u>	
Notes: <u>minutes:seconds</u>		Notes: <u>minutes:seconds</u>	
Time: <u>18:38</u> Water Drop: <u>4.00</u> inches		Time: <u>6:11</u> Water Drop: <u>4.00</u> inches	
Notes: _____		Notes: _____	
Time: <u>0:27</u> Water Drop: <u>4.00</u> inches		Time: <u>7:09</u> Water Drop: <u>4.00</u> inches	
Notes: _____		Notes: _____	
Time: <u>10:00</u> Water Drop: <u>1.25</u> inches		Time: <u>7:48</u> Water Drop: <u>4.00</u> inches	
Notes: _____		Notes: _____	
Test Period (Pipe #1)		Test Period (Pipe #2)	
Time: <u>10:00</u> Water Drop: <u>1.00</u> inches		Time: <u>8:12</u> Water Drop: <u>4.00</u> inches	
Notes: _____		Notes: _____	
Time: <u>10:00</u> Water Drop: <u>1.00</u> inches		Time: <u>8:27</u> Water Drop: <u>4.00</u> inches	
Notes: _____		Notes: _____	
Time: <u>10:00</u> Water Drop: <u>0.88</u> inches		Time: <u>8:33</u> Water Drop: <u>4.00</u> inches	
Notes: _____		Notes: _____	
Time: <u>10:00</u> Water Drop: <u>0.88</u> inches		Time: <u>8:36</u> Water Drop: <u>4.00</u> inches	
Notes: _____		Notes: _____	
Time: _____ Water Drop: _____ inches		Time: <u>8:41</u> Water Drop: <u>4.00</u> inches	
Notes: <u>Pipe 1 placed in an area with silty sand seam</u>		Notes: <u>Pipe 2 placed in area with sand & gravel seam</u>	
<u>Average of last 4 = 0.94 in 10 min</u>		<u>Average of last 4 = 8.57 min for 4"</u>	