



Test Pit Log

Test Pit #: 4A

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.: ~2' higher than 4 (from topo)
(~842')

| Soil Stratigraphy: | Pipe Installation #1 |
|--|-----------------------------|
| 0 - 1'6" Moist dark brown Topsoil | Soil Depth: <u>6'</u> |
| 1'6" - 3'7" Moist brown silty sandy Clay with cobbles | Inner Pipe Dia.: <u>6"</u> |
| 3'7" - 5' Moist brown gravelly Sand with traces of silt and clay | Outer Pipe Dia.: <u>10"</u> |
| 5' - 10' Moist brown gravelly Sand with occasional cobbles and trace of silt | Embedment: <u>2"</u> |
| | Stick-up: <u>5"</u> |
| | Pipe Installation #2 |
| | Soil Depth: <u>6'</u> |
| | Inner Pipe Dia.: <u>6"</u> |
| | Outer Pipe Dia.: <u>10"</u> |
| | Embedment: <u>2"</u> |
| | Stick-up: <u>5"</u> |
| Note: Proposed pond bottom at Elevation 836' | |
| Groundwater Depth: <u>Not Encountered</u> | Pipe Distance: <u>3'2"</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>3:11</u> Water Drop: <u>4.00</u> inches | Time: <u>2:53</u> Water Drop: <u>4.00</u> inches |
| Notes: _____ | Notes: _____ |
| Time: <u>3:43</u> Water Drop: <u>4.00</u> inches | Time: <u>3:26</u> Water Drop: <u>4.00</u> inches |
| Notes: _____ | Notes: _____ |
| Time: <u>4:17</u> Water Drop: <u>4.00</u> inches | Time: <u>3:46</u> Water Drop: <u>4.00</u> inches |
| Notes: _____ | Notes: _____ |

| Test Period (Pipe #1) | Test Period (Pipe #2) |
|---|---|
| Time: <u>4:44</u> Water Drop: <u>4.00</u> inches | Time: <u>4:09</u> Water Drop: <u>4.00</u> inches |
| Notes: _____ | Notes: _____ |
| Time: <u>4:57</u> Water Drop: <u>4.00</u> inches | Time: <u>4:39</u> Water Drop: <u>4.00</u> inches |
| Notes: _____ | Notes: _____ |
| Time: <u>5:03</u> Water Drop: <u>4.00</u> inches | Time: <u>4:43</u> Water Drop: <u>4.00</u> inches |
| Notes: _____ | Notes: _____ |
| Time: <u>5:07</u> Water Drop: <u>4.00</u> inches | Time: <u>4:52</u> Water Drop: <u>4.00</u> inches |
| Notes: _____ | Notes: _____ |
| Time: <u>5:11</u> Water Drop: <u>4.00</u> inches | Time: <u>4:59</u> Water Drop: <u>4.00</u> inches |
| Notes: <u>Average of last 4 = 5.08 minutes for 4"</u> | Notes: <u>Average of last 4 = 4.80 minutes for 4"</u> |
| _____ | _____ |