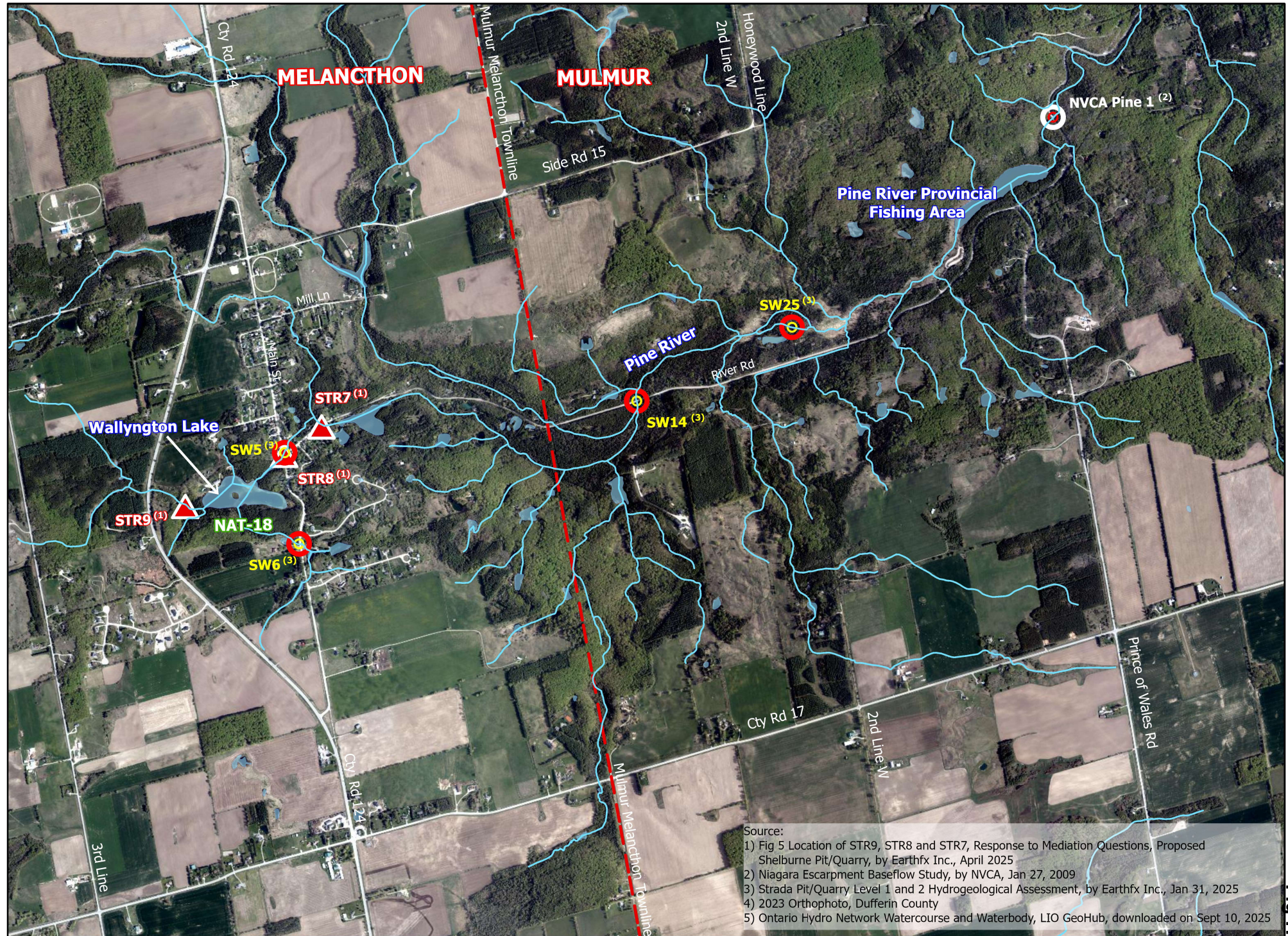
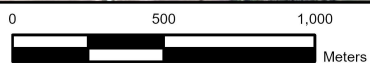


Strada - Surface Water Monitoring (SW6, SW25 and Pine 1 NVCA) and Virtual Modeling Stations (STR 9, STR8 and STR7)



File Date: October 1, 2025
Scale: 1:25,000 @ 8.5 x 11"



Property of
HUNTER and ASSOCIATES
Environmental and Engineering Consultants
Website: www.hunter-gis.com

Fig.H.1.1

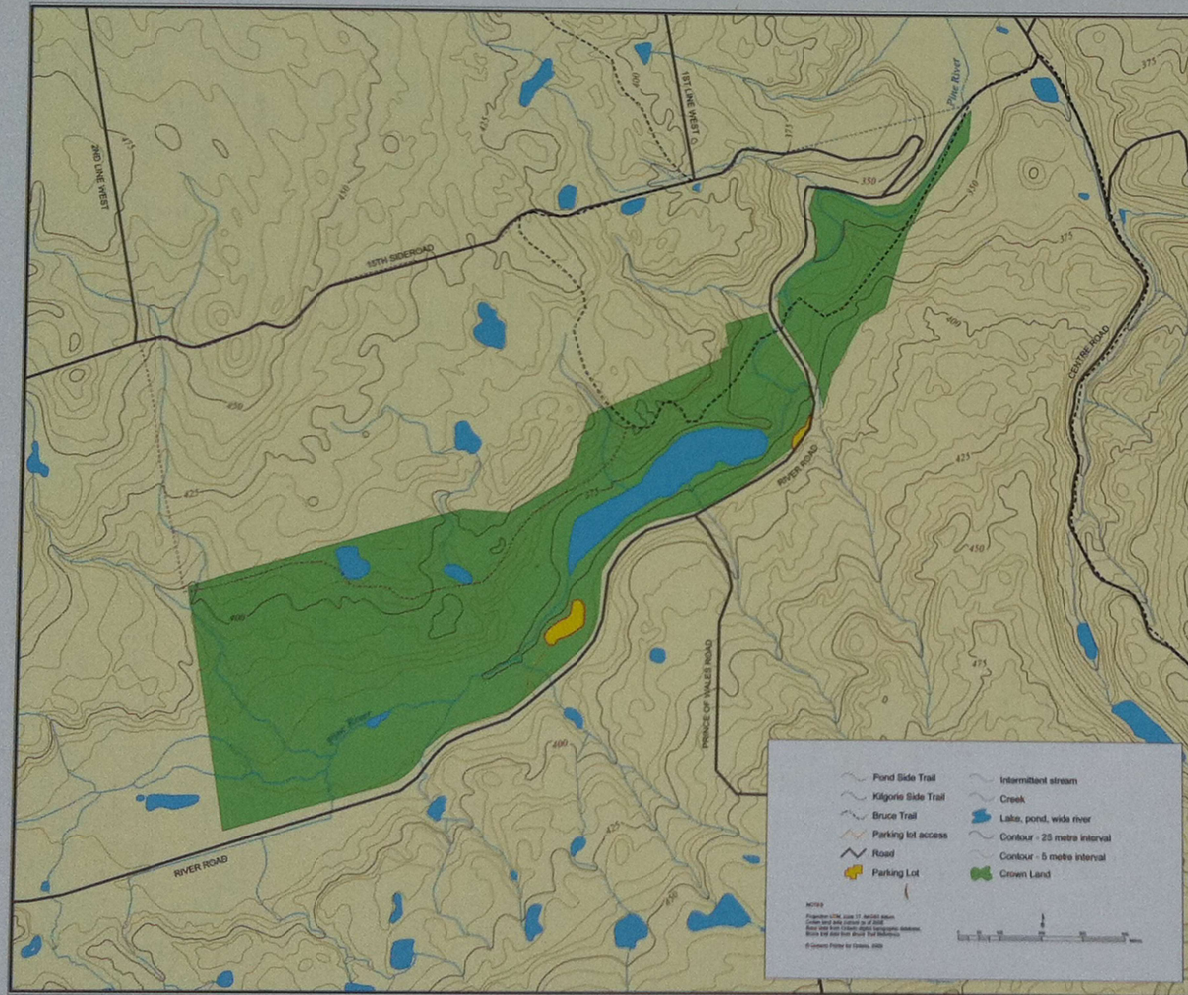
PINE RIVER PROVINCIAL FISHING AREA

Mulmur

Year-round day use

**Hunting permitted
in season**

No dumping



Report Resource Abuse:
1-877-TIPS-MNR
Emergency: call 911
www.mnr.gov.on.ca/MNR/

Fig H.2.1

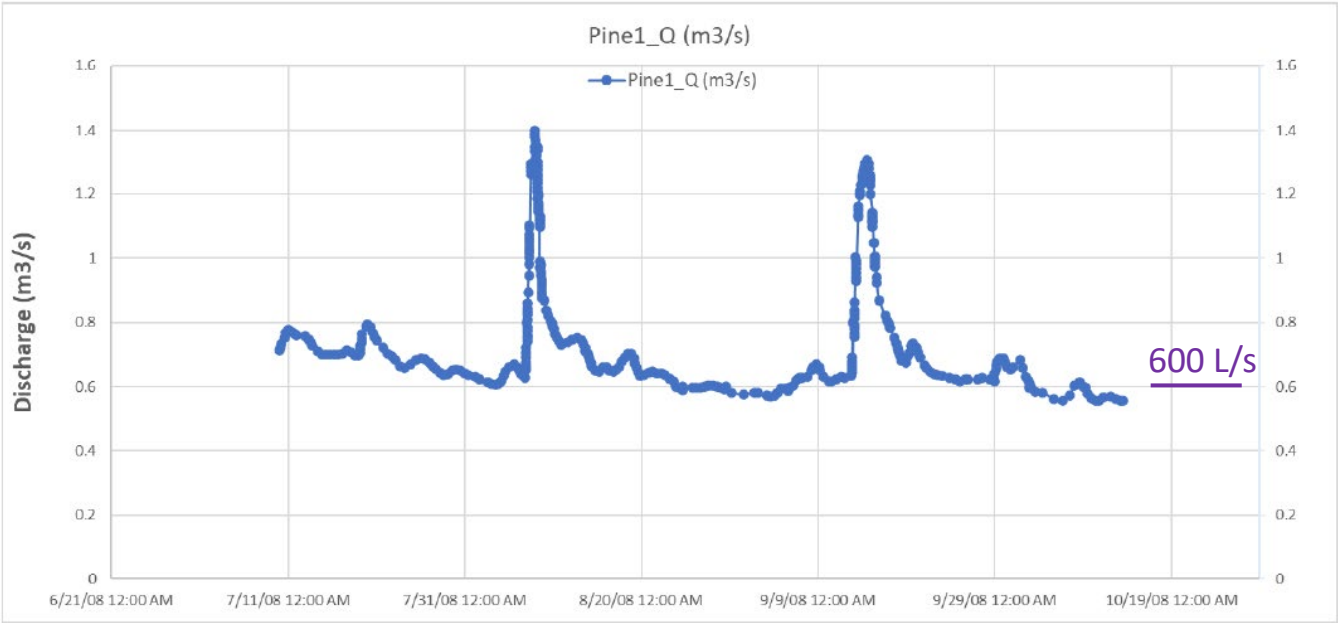


Figure 2: Figure showing streamflow data from Pine 1 NVCA station.

Fig H.2.2

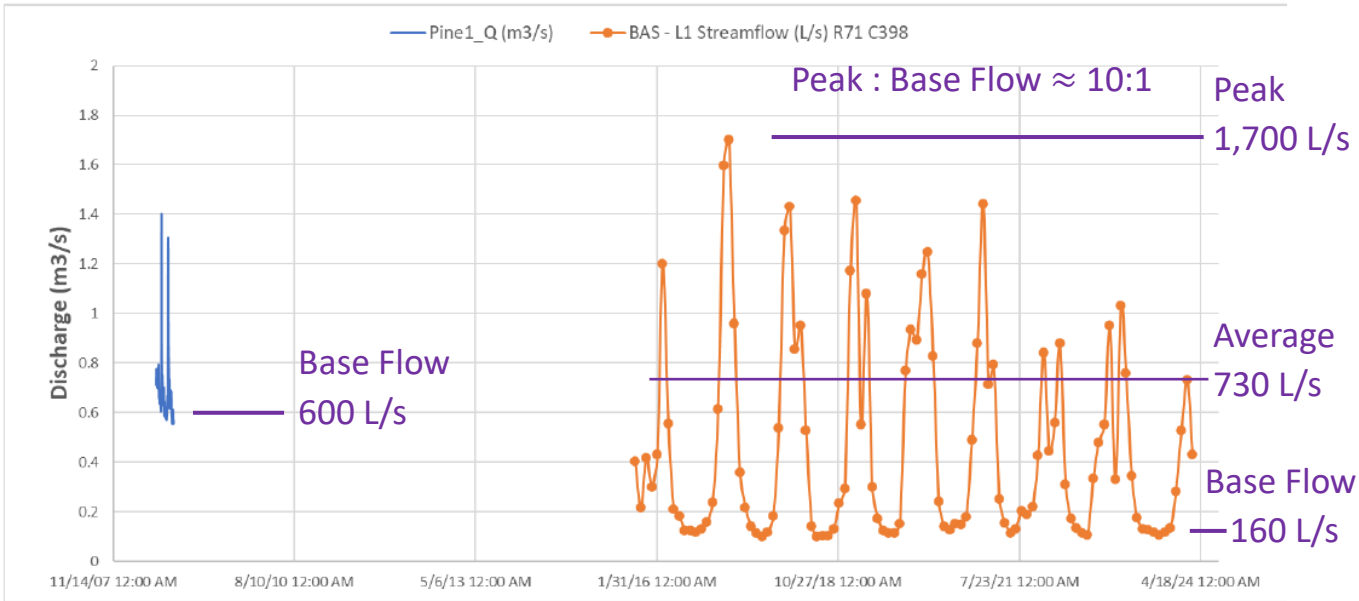
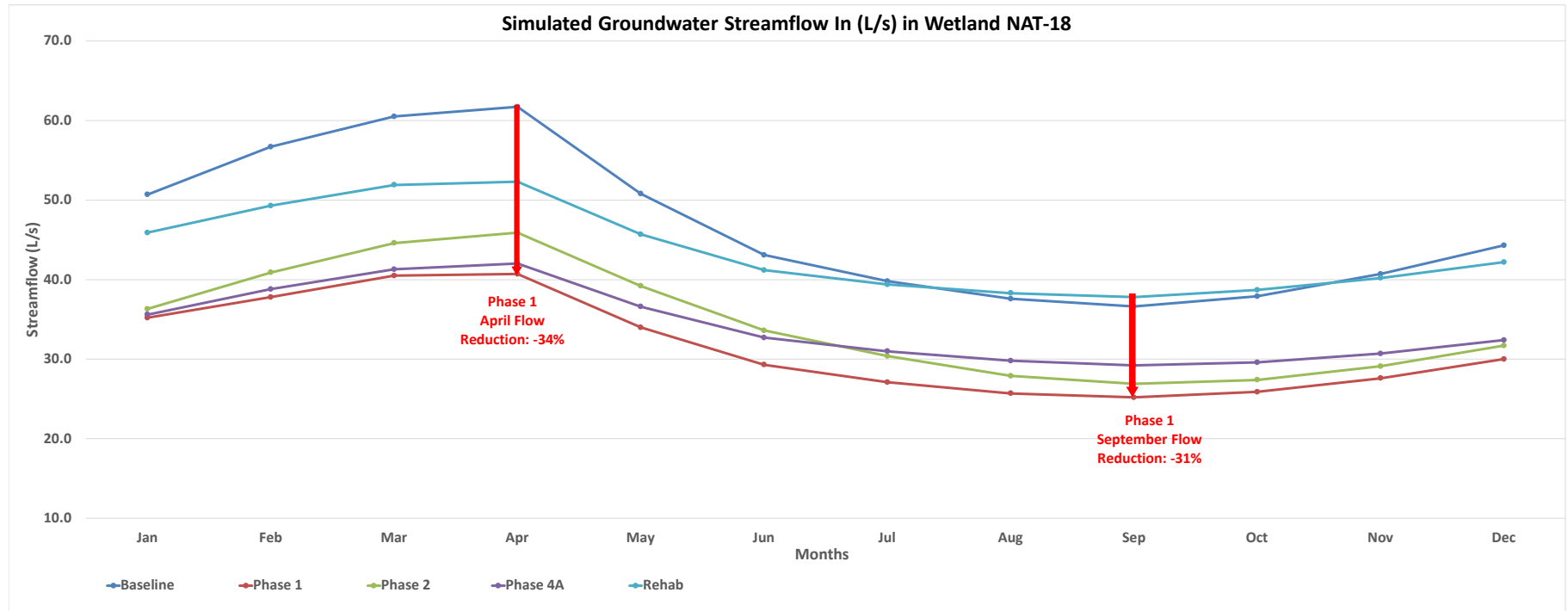


Figure 4: Comparison of Pine River Station 1 flows (blue) to model simulated flows (red).

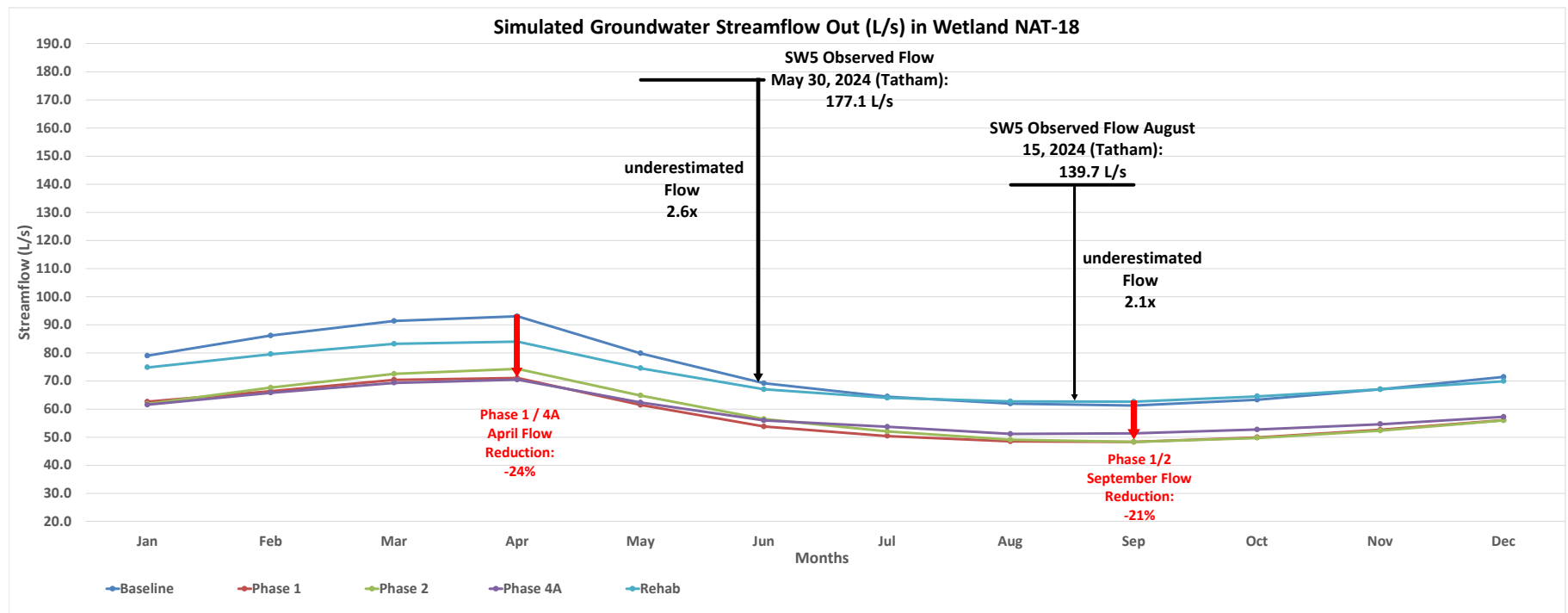
Horning's Mills (Wallyngton) Lake (NAT-18) Simulated Flow Model In (L/s)

Conditions	Data Source	Direction of Streamflow	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Avg
Baseline	Table 2.2	Streamflow In	50.7	56.7	60.5	61.7	50.8	43.1	39.8	37.6	36.6	37.9	40.7	44.3	46.7
Phase 1	Table 3.5	Streamflow In	35.2	37.8	40.5	40.7	34	29.3	27.1	25.7	25.2	25.9	27.6	30	31.6
Phase 2	Table 3.13	Streamflow In	36.3	40.9	44.6	45.9	39.2	33.6	30.4	27.9	26.9	27.4	29.1	31.7	34.5
Phase 4A	Table 3.21	Streamflow In	35.6	38.8	41.3	42.0	36.6	32.7	31.0	29.8	29.2	29.6	30.7	32.4	34.1
Rehab	Table 3.29	Streamflow In	45.9	49.3	51.9	52.3	45.7	41.2	39.4	38.3	37.8	38.7	40.2	42.2	43.6



Horning's Mills (Wallyngton) Lake (NAT-18) Simulated Flow Model Out (L/s)

Conditions	Data Source	Direction of Streamflow	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Avg
Baseline	Table 2.2	Streamflow Out	79.0	86.1	91.3	93.0	79.8	69.2	64.4	61.9	61.2	63.3	67.0	71.4	74.0
Phase 1	Table 3.5	Streamflow Out	62.6	66.3	70.4	71.0	61.4	53.8	50.4	48.5	48.3	49.9	52.6	56.0	57.6
Phase 2	Table 3.13	Streamflow Out	61.8	67.6	72.5	74.2	64.8	56.4	52.0	49.1	48.3	49.7	52.3	55.9	58.7
Phase 4A	Table 3.21	Streamflow Out	61.5	65.8	69.3	70.4	62.3	55.9	53.7	51.1	51.3	52.7	54.6	57.2	58.8
Rehab	Table 3.29	Streamflow Out	74.8	79.5	83.2	84.0	74.5	67.0	64.0	62.7	62.6	64.5	67.0	69.9	71.1
Data collected from SW5 (Main Street) in 2024	Table 5.3	Stream Flow					177.1			139.7					



Deep Gasport Aquifer Monitors (Sparse Coverage)

Fig H.4

Response to Mediation Questions, Proposed Shelburne Pit/Quarry

April, 2025

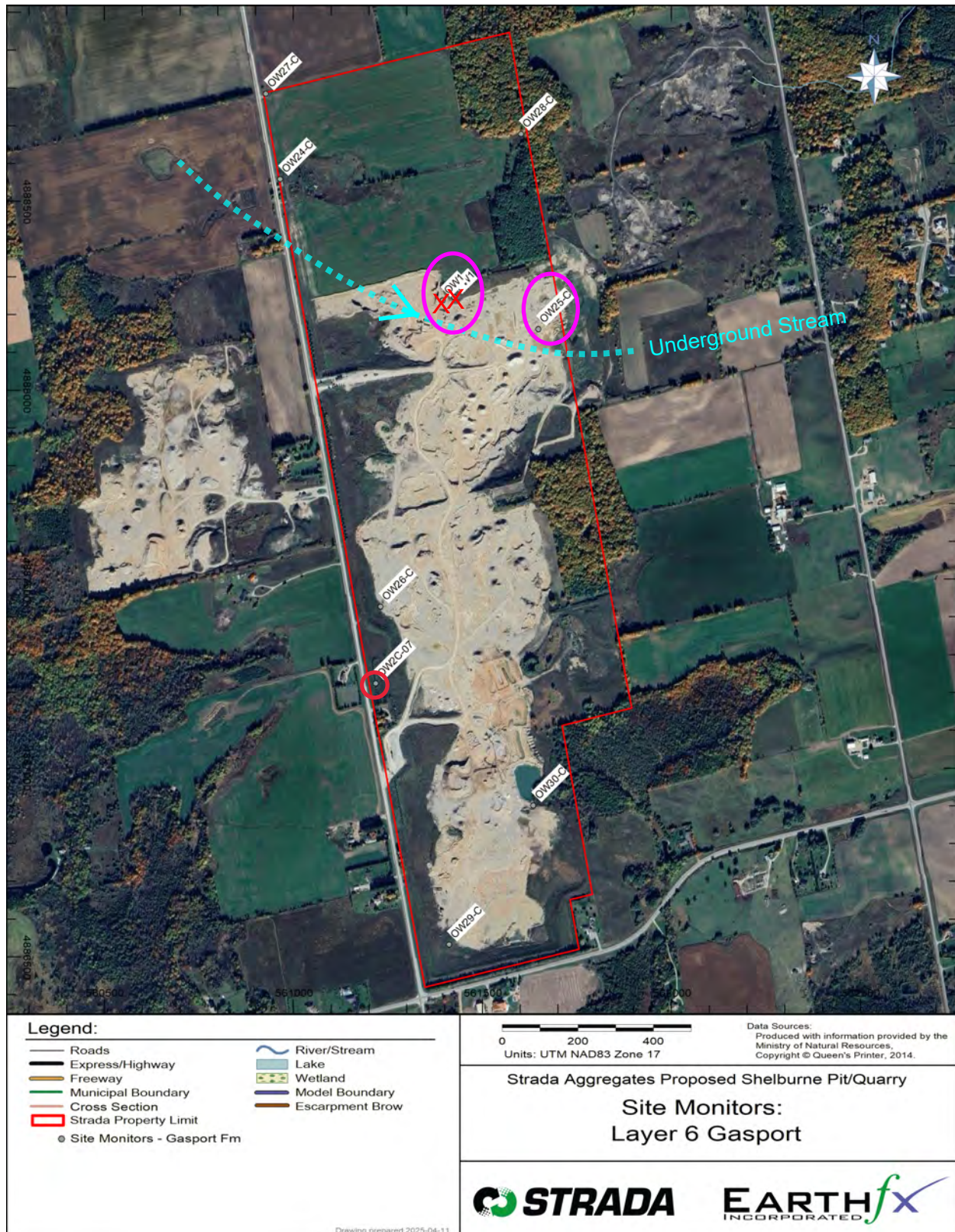


Figure 8: Site monitors in Layer 6

Data Source: Response to Mediation Questions, Proposed Shelburne Pit/Quarry, By Earthfx Inc. April 2025