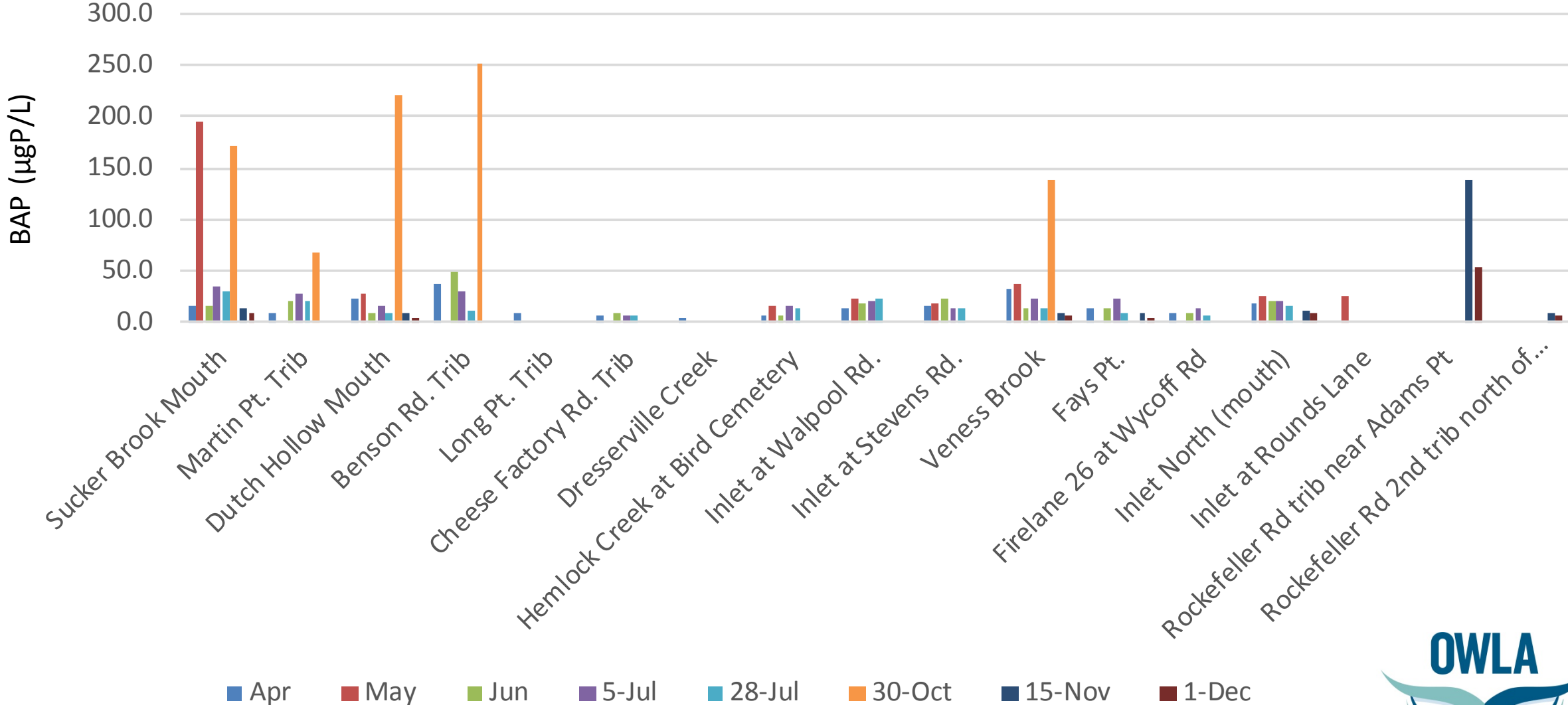
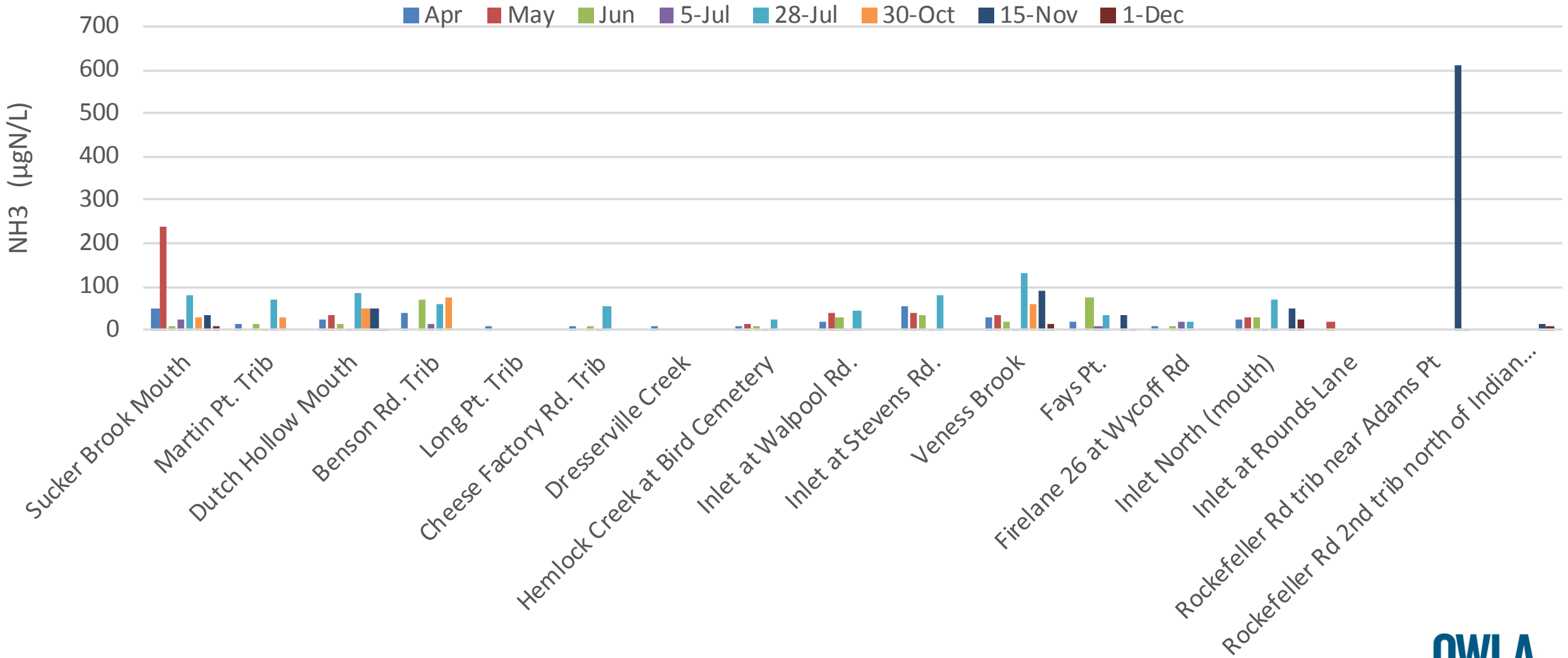


- **During 2017, OWLA began a formal project of sampling the lower parts of streams and tributaries flowing into Owasco Lake**
- **17 such inflows were sampled as many as eight times after significant rain runoff events**
- **The 2017 project set the stage for the 2018 sampling work which is searching up streams for the “hot spot” sources of the nutrients**
- **The following charts graphically compare the relative amount of BioAvailable Phosphorus (BAP) and the nitrogen compounds Ammonia and Nitrates that were measured in the sampled streams**
- **By way of comparison, Total Phosphorus (TP) in the lake itself averages 15 µg/l and nitrate compounds average around 500 µg/l.**

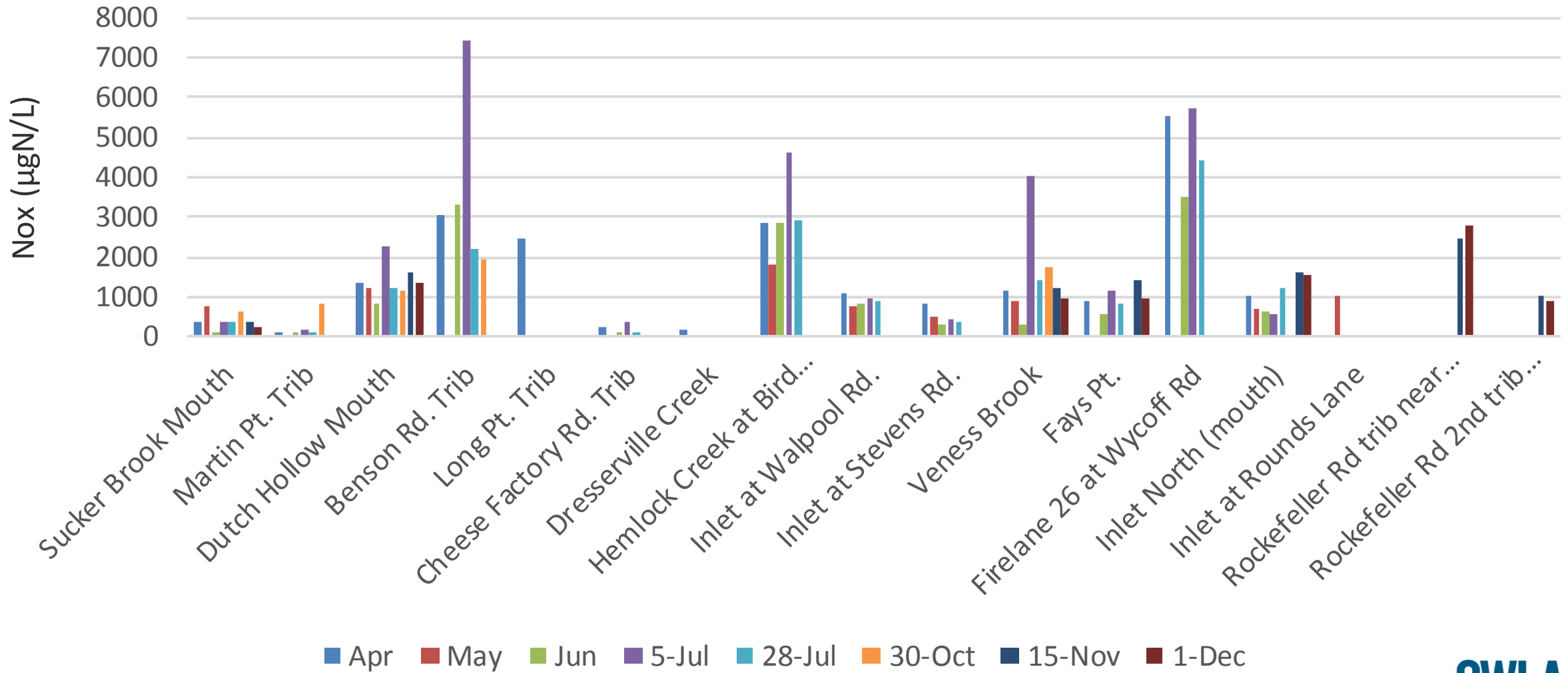
# 2017 BioAvailable Phosphorus from Owasco Lake Streams



# 2017 Ammonia from Owasco Lake Streams



# 2017 Nitrates from Owasco Lake Streams



## Narrowing Down to 5 Streams for 2018 Up Stream Hotspot Determination

| Top 5 | Stream/Tributary   | Selected by higher BAP | Selected by higher Ammonia | Selected by higher Nitrates |
|-------|--------------------|------------------------|----------------------------|-----------------------------|
| ➤     | Sucker Brook       | ✓                      | ✓                          |                             |
| ➤     | Martin Pt trib     | ✓                      | ✓                          |                             |
| ➤     | Dutch Hollow Brook | ✓                      | ✓                          | ✓                           |
| ➤     | Benson Rd trib     | ✓                      | ✓                          | ✓                           |
| ➤     | Veness Brook       | ✓                      | ✓                          | ✓                           |
|       | Long Pt            |                        |                            | ✓                           |
|       | Cheese Factory     |                        |                            |                             |
|       | Dresserville       |                        |                            |                             |
|       | Hemlock            |                        |                            | ✓                           |
|       | Inlet at Walpole   | ✓                      |                            |                             |
|       | Inlet at Stevens   | ✓                      | ✓                          |                             |
|       | Fays Pt            |                        | ✓                          |                             |
|       | Firelane 26        |                        |                            | ✓                           |
|       | Inlet mouth        | ✓                      | ✓                          |                             |
|       | Inlet at Rounds    | ✓                      |                            |                             |