ErieNiag 2020 Itineraries

NYSDEC SMAS : Keleigh Reynolds

9/14/2020

## Teams

This trip has 69 sites to visit total.

There are 4 teams in this sampling event. Each team will do 17.25 sites over 3days. So that’s 5.75 sites per day per team.

1-BLUE: Gavin/Paul  
2-RED: Meredith/Brian  
3-GREEN: Charlie/Keleigh  
4-PURPLE: Jeff/Shannon

## Types of sites

This is what the site breakdown looks like for the ErieNiag\_Screening trip:

| **STATUS** | **number** |
| --- | --- |
| department interest | 15 |
| Long Term Trend | 13 |
| Long Term Trend/department interest | 2 |
| Long Term Trend/Unassessed / Needs Verification | 1 |
| Probabilistic | 14 |
| PWL/WAVE | 3 |
| Reference | 6 |
| Unassessed | 12 |
| WAVE | 3 |

Broken down by team:

| **team** | **STATUS** | **number** |
| --- | --- | --- |
| 1 | Long Term Trend | 6 |
| Long Term Trend/department interest | 2 |
| Probabilistic | 1 |
| Reference | 2 |
| Unassessed | 2 |
| WAVE | 2 |
| 2 | department interest | 3 |
| Long Term Trend | 1 |
| Long Term Trend/Unassessed / Needs Verification | 1 |
| Probabilistic | 6 |
| PWL/WAVE | 1 |
| Reference | 1 |
| Unassessed | 5 |
| 3 | department interest | 2 |
| Long Term Trend | 4 |
| Probabilistic | 3 |
| PWL/WAVE | 2 |
| Reference | 1 |
| Unassessed | 5 |
| WAVE | 1 |
| 4 | department interest | 10 |
| Long Term Trend | 2 |
| Probabilistic | 4 |
| Reference | 2 |

##### Page Break

## Itineraries

Here are the itineraries. Shipping Locations will be from 2 locations- the hotel, and ALS Rochester.

Hotel : <https://goo.gl/maps/BERsZpLVT1siZavZ9>

Hampton Inn Buffalo-Airport : 1745 Walden Ave, Cheektowaga, NY 14225

ALS Rochester: 100 Marketplace Dr, Rochester, NY 14623

Trip Totals (Estimated)

| **team** | **date** | **Sites (n)** | **Trip total (hrs)** |
| --- | --- | --- | --- |
| 1 | 2020-09-15 | 4 | 10 |
| 2020-09-16 | 7 | 9 |
| 2020-09-17 | 5 | 10 |
| 2 | 2020-09-15 | 5 | 11 |
| 2020-09-16 | 9 | 11 |
| 2020-09-17 | 5 | 11 |
| 3 | 2020-09-15 | 5 | 11 |
| 2020-09-16 | 9 | 12 |
| 2020-09-17 | 5 | 10 |
| 4 | 2020-09-15 | 5 | 11 |
| 2020-09-16 | 9 | 11 |
| 2020-09-17 | 5 | 10 |

### Team 1

2020-09-15

| **Team** | **Date** | **Order** | **Site** | **Name** | **Lat/Long** | **Type** | **Hike?** |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 1 | 2020-09-15 | 0 | HOME |  | 42.680982 , -73.696676 | #N/A |  |
| 1 | 01-YUGA-3.9 | Cayuga Creek | 42.88396 , -78.75498 | Long Term Trend |  |
| 2 | 01-SABO-0.2 | Slate Bottom Creek | 42.8778 , -78.75422 | Unassessed |  |
| 3 | 01-BUFC-2.2 | Buffalo Creek | 42.85474 , -78.75507 | Long Term Trend |  |
| 4 | 01-CAZE-1.6 | Cazenovia Creek | 42.84589 , -78.80645 | Long Term Trend |  |

Driving Estimates: 2020-09-15

| **Team** | **Date** | **Order** | **Site** | **miles to next** | **Time(mins)** | **Hours** |
| --- | --- | --- | --- | --- | --- | --- |
| 1 | 2020-09-15 | 0 | HOME | 0 | 0 | 0.000 |
| 1 | 01-YUGA-3.9 | 258 | 309 | 5.143 |
| 2 | 01-SABO-0.2 | 1 | 1 | 0.009 |
| 3 | 01-BUFC-2.2 | 2 | 2 | 0.032 |
| 4 | 01-CAZE-1.6 | 3 | 4 | 0.054 |

Expanded Descriptions: 2020-09-15

| **Team** | **Date** | **Order** | **Site** | **DESC** |
| --- | --- | --- | --- | --- |
| 1 | 2020-09-15 | 0 | HOME | #N/A |
| 1 | 01-YUGA-3.9 | 200 m below rt. 277 bridge. |
| 2 | 01-SABO-0.2 | at sr 277 bridge. |
| 3 | 01-BUFC-2.2 | 40 m below rt. 277 bridge at usgs gaging station. |
| 4 | 01-CAZE-1.6 | 80 m below parkside dr. bridge. |

##### Page Break

2020-09-16

| **Team** | **Date** | **Order** | **Site** | **Name** | **Lat/Long** | **Type** | **Hike?** |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 1 | 2020-09-16 | 0 | HOME |  | 42.907376 , -78.772765 | #N/A |  |
| 1 | 01-MANS-4.0 | Mansfield Creek | 42.33858073 , -78.75722873 | Long Term Trend/department interest |  |
| 2 | 01-MANS-5.4 | Mansfield Creek | 42.33140673 , -78.73568773 | Long Term Trend/department interest |  |
| 3 | 01-MANS-0.8 | Mansfield Creek | 42.35545 , -78.79346 | department interest |  |
| 4 | 01-SILV\_T8\_1\_1-1.0 | Unnamed Trib to Silver Creek | 42.44930573 , -79.04752373 | Probabilistic | yes |
| 5 | 01-CWAY-14.5 | Canadaway Creek | 42.3672 , -79.23686 | Reference |  |
| 6 | 01-CWAY-8.3 | Canadaway Creek | 42.39059 , -79.30079 | Reference |  |
| 7 | 01-CWAY-7.4 | Canadaway Creek | 42.40326 , -79.30453 | Long Term Trend |  |

Driving Estimates: 2020-09-16

| **Team** | **Date** | **Order** | **Site** | **miles to next** | **Time(mins)** | **Hours** |
| --- | --- | --- | --- | --- | --- | --- |
| 1 | 2020-09-16 | 0 | HOME | 0 | 0 | 0.000 |
| 1 | 01-MANS-4.0 | 40 | 48 | 0.787 |
| 2 | 01-MANS-5.4 | 2 | 2 | 0.024 |
| 3 | 01-MANS-0.8 | 4 | 5 | 0.068 |
| 4 | 01-SILV\_T8\_1\_1-1.0 | 15 | 18 | 0.290 |
| 5 | 01-CWAY-14.5 | 12 | 14 | 0.224 |
| 6 | 01-CWAY-8.3 | 4 | 5 | 0.073 |
| 7 | 01-CWAY-7.4 | 1 | 2 | 0.018 |

Expanded Descriptions: 2020-09-16

| **Team** | **Date** | **Order** | **Site** | **DESC** |
| --- | --- | --- | --- | --- |
| 1 | 2020-09-16 | 0 | HOME | #N/A |
| 1 | 01-MANS-4.0 | Upstream of Toad Hollow Rd bridge. Downstream of salt influence. |
| 2 | 01-MANS-5.4 | DS of Maples Rd. bridge. Upstream of salt influence. |
| 3 | 01-MANS-0.8 | 100 m above scotts corners rd. bridge. Sample as low gradient and only if LG habitat present. |
| 4 | 01-SILV\_T8\_1\_1-1.0 | off Mosher Rd. |
| 5 | 01-CWAY-14.5 | cr 312. |
| 6 | 01-CWAY-8.3 | 50 m above shumla rd. bridge. |
| 7 | 01-CWAY-7.4 | 10 m upstream of spoden rd. bridge. |

##### Page Break

2020-09-17

| **Team** | **Date** | **Order** | **Site** | **Name** | **Lat/Long** | **Type** | **Hike?** |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 1 | 2020-09-17 | 0 | HOME |  | 42.907376 , -78.772765 | #N/A |  |
| 1 | 01-ELLI-10.3 | Ellicott Creek | 42.9788 , -78.764 | Long Term Trend |  |
| 2 | 01-WCAN\_T5-1.8 | Unnamed Tributary To Western Barge Canal | 43.0519 , -78.7516 | PWL/WAVE |  |
| 3 | 01-TONA-19.6 | Tonawanda Creek | 43.09333 , -78.63639 | Long Term Trend |  |
| 4 | 01-TONA\_T10-0.1 | Unnamed Tributary To Tonawanda Creek | 43.072778 , -78.586294 | Unassessed |  |
| 5 | HOME |  | 42.680982 , -73.696676 | #N/A |  |

Driving Estimates: 2020-09-17

| **Team** | **Date** | **Order** | **Site** | **miles to next** | **Time(mins)** | **Hours** |
| --- | --- | --- | --- | --- | --- | --- |
| 1 | 2020-09-17 | 0 | HOME | 0 | 0 | 0.000 |
| 1 | 01-ELLI-10.3 | 5 | 6 | 0.099 |
| 2 | 01-WCAN\_T5-1.8 | 6 | 7 | 0.102 |
| 3 | 01-TONA-19.6 | 7 | 8 | 0.130 |
| 4 | 01-TONA\_T10-0.1 | 3 | 4 | 0.058 |
| 5 | ALS | 59.4 | 0 | 1.000 |
| 5 | HOME | 225 | 0 | 3.5 |

Expanded Descriptions: 2020-09-17

| **Team** | **Date** | **Order** | **Site** | **DESC** |
| --- | --- | --- | --- | --- |
| 1 | 2020-09-17 | 0 | HOME | #N/A |
| 1 | 01-ELLI-10.3 | 80 m below sheridan dr. (rt. 324) bridge. |
| 2 | 01-WCAN\_T5-1.8 | schoelles rd. |
| 3 | 01-TONA-19.6 | 300 m below rapids rd. bridge. |
| 4 | 01-TONA\_T10-0.1 | kelkenberg rd. |
| 5 | HOME | #N/A |

##### Page Break

### Team 2

2020-09-15

| **Team** | **Date** | **Order** | **Site** | **Name** | **Lat/Long** | **Type** | **Hike?** |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 2 | 2020-09-15 | 0 | HOME |  | 42.680982 , -73.696676 | #N/A |  |
| 1 | 01-YUGA-12.3 | Cayuga Creek | 42.88967 , -78.64347 | Long Term Trend/Unassessed / Needs Verification |  |
| 2 | 01-LBUF-2.5 | Little Buffalo Creek | 42.88139973 , -78.60979673 | department interest |  |
| 3 | 01-YUGA-26.0 | Cayuga Creek | 42.82723773 , -78.45003373 | Probabilistic | yes |
| 4 | 01-HUNE-5.1 | Hunter Creek | 42.72220073 , -78.54140673 | department interest |  |
| 5 | 01-CAZE\_E\_T9-1.5 | Unnamed Trib to East Branch Cazenovia Creek | 42.73498573 , -78.57163373 | Probabilistic | yes |

Driving Estimates: 2020-09-15

| **Team** | **Date** | **Order** | **Site** | **miles to next** | **Time(mins)** | **Hours** |
| --- | --- | --- | --- | --- | --- | --- |
| 2 | 2020-09-15 | 0 | HOME | 0 | 0 | 0.000 |
| 1 | 01-YUGA-12.3 | 252 | 302 | 5.030 |
| 2 | 01-LBUF-2.5 | 2 | 3 | 0.036 |
| 3 | 01-YUGA-26.0 | 9 | 11 | 0.179 |
| 4 | 01-HUNE-5.1 | 9 | 11 | 0.172 |
| 5 | 01-CAZE\_E\_T9-1.5 | 2 | 3 | 0.035 |

Expanded Descriptions: 2020-09-15

| **Team** | **Date** | **Order** | **Site** | **DESC** |
| --- | --- | --- | --- | --- |
| 2 | 2020-09-15 | 0 | HOME | #N/A |
| 1 | 01-YUGA-12.3 | at bowen rd. |
| 2 | 01-LBUF-2.5 | Williams St bridge. Sample as low gradient and only if LG habitat present. |
| 3 | 01-YUGA-26.0 | downstream of Folsomdale Rd. |
| 4 | 01-HUNE-5.1 | Warner Hill Rd/rt 390 bridge. Sample as low gradient and only if LG habitat present. |
| 5 | 01-CAZE\_E\_T9-1.5 | off Centerline Rd. |

##### Page Break

2020-09-16

| **Team** | **Date** | **Order** | **Site** | **Name** | **Lat/Long** |  | **Type** | **Hike?** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 2 | 2020-09-16 | 0 | HOME |  | 42.907376 , -78.772765 |  | #N/A |  |
| 1 | 01-BLAS-0.1 | Blasdell Creek | 42.907376 , -78.772765 |  | Unassessed |  |
| 2 | 01-CLAR\_N-0.1 | North Branch Clear Creek | 42.567116 , -78.846825 |  | Unassessed |  |
| 3 | 01-CLAR\_N-7.4 | North Branch Clear Creek | 42.54389 , -78.85306 |  | department interest |  |
| 4 | 01-CATT-17.5 | Cattaraugus Creek | 42.46261 , -78.93383 |  | Long Term Trend |  |
| 5 | 01-CLAR-18.5 | Clear Creek | 42.49466373 , -78.82008473 |  | Probabilistic | yes |
| 6 | 01-CONN-2.5 | Connoisarauley Creek | 42.45 , -78.73 |  | Probabilistic | yes |
| 7 | 01-SPOO-0.3 | Spooner Creek | 42.48855 , -78.72168 |  | Reference |  |
| 8 | 01-TEEN-24.2 | Eighteenmile Creek | 42.6 , -78.72 |  | Probabilistic | yes |
| 9 | 01-PIPC-0.1 | Pipe Creek | 42.69424 , -78.68668 |  | Unassessed |  |

Driving Estimates: 2020-09-16

| **Team** | **Date** | **Order** | **Site** | **miles to next** | **Time(mins)** | **Hours** |
| --- | --- | --- | --- | --- | --- | --- |
| 2 | 2020-09-16 | 0 | HOME | 0 | 0 | 0.000 |
| 1 | 01-BLAS-0.1 | 0 | 0 | 0.000 |
| 2 | 01-CLAR\_N-0.1 | 24 | 29 | 0.477 |
| 3 | 01-CLAR\_N-7.4 | 2 | 2 | 0.033 |
| 4 | 01-CATT-17.5 | 7 | 9 | 0.139 |
| 5 | 01-CLAR-18.5 | 7 | 8 | 0.124 |
| 6 | 01-CONN-2.5 | 6 | 7 | 0.111 |
| 7 | 01-SPOO-0.3 | 3 | 4 | 0.054 |
| 8 | 01-TEEN-24.2 | 8 | 10 | 0.154 |
| 9 | 01-PIPC-0.1 | 7 | 9 | 0.135 |

Expanded Descriptions: 2020-09-16

| **Team** | **Date** | **Order** | **Site** | **DESC** |
| --- | --- | --- | --- | --- |
| 2 | 2020-09-16 | 0 | HOME | #N/A |
| 1 | 01-BLAS-0.1 | 50 m upstream of lake erie; woodlawn beach state park. |
| 2 | 01-CLAR\_N-0.1 | sisson hwy. |
| 3 | 01-CLAR\_N-7.4 | marshfield rd. bridge. |
| 4 | 01-CATT-17.5 | 100 m above rt. 39 (main st.) bridge. |
| 5 | 01-CLAR-18.5 | off rt 39 |
| 6 | 01-CONN-2.5 | west connoisarauley rd. at old bridge location. |
| 7 | 01-SPOO-0.3 | 45 m above zoar valley rd. bridge. |
| 8 | 01-TEEN-24.2 | 190 m southwest off sr 391. |
| 9 | 01-PIPC-0.1 | sr 240 bridge; 80 m above confluence w/w. br cazenovia ck. |

##### Page Break

2020-09-17

| **Team** | **Date** | **Order** | **Site** | **Name** | **Lat/Long** | **Type** | **Hike?** |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 2 | 2020-09-17 | 0 | HOME |  | 42.907376 , -78.772765 | #N/A |  |
| 1 | 01-TWOM-0.4 | Twomile Creek | 43.0049 , -78.9058 | WAVE |  |
| 2 | 01-SWYR-2.1 | Sawyer Creek | 43.07216573 , -78.85530373 | Probabilistic | yes |
| 3 | 01-GILL-0.3 | Gill Creek | 43.08287 , -79.02538 | department interest |  |
| 4 | 01-FISN-2.4 | Fish Creek | 43.15813 , -78.9798 | Unassessed |  |
| 5 | HOME |  | 42.680982 , -73.696676 | #N/A |  |

Driving Estimates: 2020-09-17

| **Team** | **Date** | **Order** | **Site** | **miles to next** | **Time(mins)** | **Hours** |
| --- | --- | --- | --- | --- | --- | --- |
| 2 | 2020-09-17 | 0 | HOME | 0 | 0 | 0.000 |
| 1 | 01-TWOM-0.4 | 10 | 12 | 0.191 |
| 2 | 01-SWYR-2.1 | 6 | 7 | 0.106 |
| 3 | 01-GILL-0.3 | 9 | 11 | 0.172 |
| 4 | 01-FISN-2.4 | 6 | 7 | 0.114 |
| 5 | ALS | 85.2 |  | 1.5 |
| 6 | HOME | 225 | 0 | 3.5 |

Expanded Descriptions: 2020-09-17

| **Team** | **Date** | **Order** | **Site** | **DESC** |
| --- | --- | --- | --- | --- |
| 2 | 2020-09-17 | 0 | HOME | #N/A |
| 1 | 01-TWOM-0.4 | 5 m below fletcher rd. bridge. |
| 2 | 01-SWYR-2.1 | off Niagara Falls Blvd |
| 3 | 01-GILL-0.3 | 10 m above rte 384 bridge. |
| 4 | 01-FISN-2.4 | 350 m west of upper mountain rd. |
| 5 | HOME | #N/A |

##### Page Break

### Team 3

2020-09-15

| **Team** | **Date** | **Order** | **Site** | **Name** | **Lat/Long** | **Type** | **Hike?** |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 3 | 2020-09-15 | 0 | HOME |  | 42.680982 , -73.696676 | #N/A |  |
| 1 | 01-HAMP-3.6 | Hampton Brook | 42.907376 , -78.772765 | Probabilistic | yes |
| 2 | 01-PICR-1.3 | Pike Creek | 42.6873 , -78.9996 | PWL/WAVE |  |
| 3 | 01-LSIS-2.4 | Little Sister Creek | 42.66954 , -79.02777 | Unassessed |  |
| 4 | 01-BSIS-2.0 | Big Sister Creek | 42.65706 , -79.03609 | Long Term Trend |  |
| 5 | 01-BSIS-8.6 | Big Sister Creek | 42.62475 , -78.96739 | Unassessed |  |

Driving Estimates: 2020-09-15

| **Team** | **Date** | **Order** | **Site** | **miles to next** | **Time(mins)** | **Hours** |
| --- | --- | --- | --- | --- | --- | --- |
| 3 | 2020-09-15 | 0 | HOME | 0 | 0 | 0.000 |
| 1 | 01-HAMP-3.6 | 259 | 310 | 5.162 |
| 2 | 01-PICR-1.3 | 20 | 23 | 0.382 |
| 3 | 01-LSIS-2.4 | 2 | 3 | 0.038 |
| 4 | 01-BSIS-2.0 | 1 | 2 | 0.019 |
| 5 | 01-BSIS-8.6 | 5 | 5 | 0.083 |

Expanded Descriptions: 2020-09-15

| **Team** | **Date** | **Order** | **Site** | **DESC** |
| --- | --- | --- | --- | --- |
| 3 | 2020-09-15 | 0 | HOME | #N/A |
| 1 | 01-HAMP-3.6 | 350 m north of keller rd. |
| 2 | 01-PICR-1.3 | 170 m east of cr 477. |
| 3 | 01-LSIS-2.4 | rte 5. |
| 4 | 01-BSIS-2.0 | 20 m below rt. 5 bridge. |
| 5 | 01-BSIS-8.6 | between pontiac and versailles rd. bridge. split in stream. |

##### Page Break

2020-09-16

| **Team** | **Date** | **Order** | **Site** | **Name** | **Lat/Long** | **Type** | **Hike?** |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 3 |  | 0 | HOME |  | 42.907376 , -78.772765 | #N/A |  |
| 1 | 01-LERI\_T97-4.7 | Unnamed tributary to Lake Erie | 42.21597473 , -79.75892373 | Unassessed |  |
| 2 | 01-CHAU-0.4 | Chautauqua Creek | 42.33696 , -79.60059 | Long Term Trend |  |
| 3 | 01-LCHA-0.1 | Little Chautauqua Creek | 42.30861 , -79.57465 | Unassessed |  |
| 4 | 01-LCWY-4.2 | Little Canadaway Creek | 42.39667 , -79.39471 | Reference/Probabilistic |  |
| 5 | 01-VBUR-0.4 | Van Buren Bay Creek | 42.44742 , -79.40407 | Unassessed |  |
| 6 | 01-HYCK-1.6 | Hyde Creek | 42.48220073 , -79.30549973 | WAVE | yes |
| 7 | 01-WLNT-8.2 | Walnut Creek | 42.46848 , -79.18062 | Unassessed |  |
| 8 | 01-SILV-0.3 | Silver Creek | 42.54595 , -79.16826 | Long Term Trend |  |
| 9 | 01-WLNT-0.1 | Walnut Creek | 42.54562 , -79.16882 | Long Term Trend |  |

Driving Estimates: 2020-09-16

| **Team** | **Date** | **Order** | **Site** | **miles to next** | **Time(mins)** | **Hours** |
| --- | --- | --- | --- | --- | --- | --- |
| 3 | 2020-09-16 | 0 | HOME | 0 | 0 | 0.000 |
| 1 | 01-LERI\_T97-4.7 | 70 | 84 | 1.387 |
| 2 | 01-CHAU-0.4 | 12 | 14 | 0.233 |
| 3 | 01-LCHA-0.1 | 3 | 3 | 0.047 |
| 4 | 01-LCWY-4.2 | 12 | 14 | 0.221 |
| 5 | 01-VBUR-0.4 | 4 | 5 | 0.071 |
| 6 | 01-HYCK-1.6 | 6 | 7 | 0.112 |
| 7 | 01-WLNT-8.2 | 7 | 8 | 0.129 |
| 8 | 01-SILV-0.3 | 6 | 7 | 0.108 |
| 9 | 01-WLNT-0.1 | 1 | 1 | 0.001 |

Expanded Descriptions: 2020-09-16

| **Team** | **Date** | **Order** | **Site** | **DESC** |
| --- | --- | --- | --- | --- |
| 3 | 2020-09-16 | 0 | HOME | #N/A |
| 1 | 01-LERI\_T97-4.7 | Rd crossing on Miller Rd. |
| 2 | 01-CHAU-0.4 | 50 m above rt. 5 bridge. |
| 3 | 01-LCHA-0.1 | portage rd; walk down chautaugua to lcha. |
| 4 | 01-LCWY-4.2 | ellicott rd. |
| 5 | 01-VBUR-0.4 | 150 m below van buren rd. crossing. |
| 6 | 01-HYCK-1.6 | Off Urban Rd. |
| 7 | 01-WLNT-8.2 | 20 m downstream of rte 39 bridge. |
| 8 | 01-SILV-0.3 | 100 m below rt. 5 bridge. |
| 9 | 01-WLNT-0.1 | 100 m below rt. 5 bridge. |

##### Page Break

2020-09-17

| **Team** | **Date** | **Order** | **Site** | **Name** | **Lat/Long** | **Type** | **Hike?** |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 3 | 2020-09-17 | 0 | HOME |  | 42.907376 , -78.772765 | #N/A |  |
| 1 | 01-TONA-27.6 | Tonawanda Creek | 43.08064173 , -78.57346273 | Probabilistic | yes |
| 2 | 01-TONA-39.8 | Tonawanda Creek | 43.08318073 , -78.49939673 | department interest |  |
| 3 | 01-WTONA\_T21-0.3 | Unnamed Tributary To Tonawanda Creek | 43.0295 , -78.3938 | PWL/WAVE |  |
| 4 | 01-MURD-23.1 | Murder Creek | 42.96180073 , -78.35329973 | WAVE |  |
| 5 | HOME |  | 42.680982 , -73.696676 | #N/A |  |

Driving Estimates: 2020-09-17

| **Team** | **Date** | **Order** | **Site** | **miles to next** | **Time(mins)** | **Hours** |
| --- | --- | --- | --- | --- | --- | --- |
| 3 | 2020-09-17 | 0 | HOME | 0 | 0 | 0.000 |
| 1 | 01-TONA-27.6 | 16 | 19 | 0.313 |
| 2 | 01-TONA-39.8 | 4 | 5 | 0.075 |
| 3 | 01-WTONA\_T21-0.3 | 7 | 8 | 0.130 |
| 4 | 01-MURD-23.1 | 6 | 7 | 0.102 |
| 5 | ALS | 44 | 50 | 1 |
| 6 | HOME | 225 | 0 | 3.5 |

Expanded Descriptions: 2020-09-17

| **Team** | **Date** | **Order** | **Site** | **DESC** |
| --- | --- | --- | --- | --- |
| 3 | 2020-09-17 | 0 | HOME | #N/A |
| 1 | 01-TONA-27.6 | off Kelkenberg Rd at river bend |
| 2 | 01-TONA-39.8 | Off tonawanda creek rd. Sample as low gradient and only if LG habitat present. Alternate site at 43.083180, -78.499397 if not accessible. |
| 3 | 01-WTONA\_T21-0.3 | upstream from housekneeht rd. |
| 4 | 01-MURD-23.1 | bridge on ellinwood rd |
| 5 | HOME | #N/A |

##### Page Break

### Team 4

2020-09-15

| **Team** | **Date** | **Order** | **Site** | **Name** | **Lat/Long** | **Type** | **Hike?** |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 4 | 2020-09-15 | 0 | HOME |  | 42.680982 , -73.696676 | #N/A |  |
| 1 | 01-CATT-64.4 | Cattaraugus Creek | 42.5693 , -78.34674 | department interest |  |
| 2 | 01-MKEY-0.1 | Monkey Run Creek | 42.55507 , -78.39228 | department interest |  |
| 3 | 01-CATT-58.9 | Cattaraugus Creek | 42.53564 , -78.41977 | department interest |  |
| 4 | 01-CLEA-0.1 | Clear Creek | 42.53415842 , -78.42136874 | department interest |  |
| 5 | 01-BUFC-37.8 | Buffalo Creek | 42.64 , -78.462 | Reference |  |

Driving Estimates: 2020-09-15

| **Team** | **Date** | **Order** | **Site** | **miles to next** | **Time(mins)** | **Hours** |
| --- | --- | --- | --- | --- | --- | --- |
| 4 | 2020-09-15 | 0 | HOME | 0 | 0 | 0.000 |
| 1 | 01-CATT-64.4 | 237 | 285 | 4.735 |
| 2 | 01-MKEY-0.1 | 3 | 4 | 0.050 |
| 3 | 01-CATT-58.9 | 2 | 3 | 0.039 |
| 4 | 01-CLEA-0.1 | 1 | 1 | 0.003 |
| 5 | 01-BUFC-37.8 | 8 | 10 | 0.152 |

Expanded Descriptions: 2020-09-15

| **Team** | **Date** | **Order** | **Site** | **DESC** |
| --- | --- | --- | --- | --- |
| 4 | 2020-09-15 | 0 | HOME | #N/A |
| 1 | 01-CATT-64.4 | at east arcade rd. bridge. Sample as low gradient and only if LG habitat present. |
| 2 | 01-MKEY-0.1 | 15 m above rte 98 bridge. |
| 3 | 01-CATT-58.9 | 40 m above water st. bridge. |
| 4 | 01-CLEA-0.1 | rte 39. |
| 5 | 01-BUFC-37.8 | 100 m off cr 395. |

##### Page Break

2020-09-16

| **Team** | **Date** | **Order** | **Site** | **Name** | **Lat/Long** | **Type** | **Hike?** |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 4 | 2020-09-16 | 0 | HOME |  | 42.907376 , -78.772765 | #N/A |  |
| 1 | 01-CATT-36.9 | Cattaraugus Creek | 42.48417 , -78.70084 | department interest |  |
| 2 | 01-SRIG-0.1 | Spring Brook | 42.48084 , -78.68415 | department interest |  |
| 3 | 01-SRIG-2.9 | Spring Brook | 42.51331 , -78.66275 | department interest |  |
| 4 | 01-CATT-46.9 | Cattaraugus Creek | 42.51262 , -78.58609 | department interest |  |
| 5 | 01-GOON-3.2 | Gooseneck Creek | 42.453 , -78.585 | Reference |  |
| 6 | 01-ELTO-4.2 | Elton Creek | 42.48902882 , -78.48524888 | department interest |  |
| 7 | 01-CAZE\_E-6.3 | East Branch Cazenovia Creek | 42.73345773 , -78.59690373 | department interest |  |
| 8 | 01-CAZE\_W-0.6 | West Branch Cazenovia Creek | 42.75429 , -78.6514 | Long Term Trend |  |
| 9 | 01-SMOK-2.9 | Smoke Creek | 42.77919273 , -78.71674573 | Probabilistic | yes |

Driving Estimates: 2020-09-16

| **Team** | **Date** | **Order** | **Site** | **miles to next** | **Time(mins)** | **Hours** |
| --- | --- | --- | --- | --- | --- | --- |
| 4 | 2020-09-16 | 0 | HOME | 0 | 0 | 0.000 |
| 1 | 01-CATT-36.9 | 30 | 36 | 0.590 |
| 2 | 01-SRIG-0.1 | 1 | 2 | 0.018 |
| 3 | 01-SRIG-2.9 | 3 | 3 | 0.050 |
| 4 | 01-CATT-46.9 | 4 | 5 | 0.078 |
| 5 | 01-GOON-3.2 | 5 | 5 | 0.082 |
| 6 | 01-ELTO-4.2 | 6 | 7 | 0.113 |
| 7 | 01-CAZE\_E-6.3 | 18 | 22 | 0.357 |
| 8 | 01-CAZE\_W-0.6 | 4 | 4 | 0.062 |
| 9 | 01-SMOK-2.9 | 4 | 5 | 0.075 |

Expanded Descriptions: 2020-09-16

| **Team** | **Date** | **Order** | **Site** | **DESC** |
| --- | --- | --- | --- | --- |
| 4 | 2020-09-16 | 0 | HOME | #N/A |
| 1 | 01-CATT-36.9 | 100 m below scoby hill rd. bridge; 300 m below dam. |
| 2 | 01-SRIG-0.1 | 100 m above mouth; at mill st. |
| 3 | 01-SRIG-2.9 | 70 m above maple ave. bridge. |
| 4 | 01-CATT-46.9 | 400 m downstream of hake rd. bridge. |
| 5 | 01-GOON-3.2 | cr 55. |
| 6 | 01-ELTO-4.2 | at rte 16 bridge. |
| 7 | 01-CAZE\_E-6.3 | Blakely rd/Blakely corners rd bridge. Sample as low gradient and only if LG habitat present. |
| 8 | 01-CAZE\_W-0.6 | at jewett holmwood rd. bridge. |
| 9 | 01-SMOK-2.9 | sample from new development |

##### Page Break

2020-09-17

| **Team** | **Date** | **Order** | **Site** | **Name** | **Lat/Long** | **Type** | **Hike?** |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 4 | 2020-09-17 | 0 | HOME |  | 42.907376 , -78.772765 | #N/A |  |
| 1 | 01-TONA-83.3 | Tonawanda Creek | 42.88 , -78.26 | Probabilistic | yes |
| 2 | 01-TONA\_T35\_1-2.0 | Unnamed Trib to Tonawanda Creek | 42.88733573 , -78.21768073 | Probabilistic | yes |
| 3 | 01-TONA-62.7 | Tonawanda Creek | 43.002696 , -78.251967 | Probabilistic | yes |
| 4 | 01-TONA-65.8 | Tonawanda Creek | 43.00022 , -78.19768 | Long Term Trend |  |
| 5 | HOME |  | 42.680982 , -73.696676 | #N/A |  |

Driving Estimates: 2020-09-17

| **Team** | **Date** | **Order** | **Site** | **miles to next** | **Time(mins)** | **Hours** |
| --- | --- | --- | --- | --- | --- | --- |
| 4 | 2020-09-17 | 0 | HOME | 0 | 0 | 0.000 |
| 1 | 01-TONA-83.3 | 27 | 32 | 0.521 |
| 2 | 01-TONA\_T35\_1-2.0 | 3 | 3 | 0.044 |
| 3 | 01-TONA-62.7 | 9 | 10 | 0.163 |
| 4 | 01-TONA-65.8 | 3 | 4 | 0.055 |
|  | ALS | 35 | 39 |  |
|  | HOME | 225 | 0 | 3.5 |

Expanded Descriptions: 2020-09-17

| **Team** | **Date** | **Order** | **Site** | **DESC** |
| --- | --- | --- | --- | --- |
| 4 | 2020-09-17 | 0 | HOME | #N/A |
| 1 | 01-TONA-83.3 | 100 m above stroh rd. bridge. |
| 2 | 01-TONA\_T35\_1-2.0 | 0.2 mi off Dry Bridge Rd. |
| 3 | 01-TONA-62.7 | at abandoned bridge. |
| 4 | 01-TONA-65.8 | 5 m below lyon st. bridge. |
| 5 | HOME |  |

##### Page Break