

8/08/01 Ellsworth, ME wastewater hydrography

0.00 ppb Background

| <u>Latitude</u> | <u>Longitude</u> | <u>Concentration (ppb)</u> | <u>Dilu-</u> | <u><----Fluorometer</u> | <u>Time</u> | <u>Depth</u> | <u>Temp.</u> | <u>Salinity</u> |
|-----------------|------------------|----------------------------|--------------|----------------------------|-------------|---------------|------------------|-----------------|
| | | <u>Field</u> | <u>tion</u> | <u>CTD Sensor--></u> | <u>CTD</u> | <u>(feet)</u> | <u>(Celsius)</u> | <u>(psu)</u> |
| | | <u>Corrected</u> | | | | | | |
| 44° 32.113' N | 068° 25.289' W | 0.125 | 9,368 | | 14:08:39 | 0.67 | 26.32 | 1.95 |
| 44° 32.113' N | 068° 25.289' W | 0.126 | 9,294 | | 14:08:45 | 0.77 | 26.33 | 1.97 |
| 44° 32.113' N | 068° 25.289' W | 0.128 | 9,148 | | 14:08:51 | 0.74 | 26.32 | 1.98 |
| 44° 32.113' N | 068° 25.289' W | 0.131 | 8,939 | | 14:08:57 | 2.68 | 26.33 | 2.29 |
| 44° 32.113' N | 068° 25.289' W | 0.128 | 9,148 | | 14:09:03 | 9.22 | 22.53 | 21.47 |
| 44° 32.113' N | 068° 25.289' W | 0.128 | 9,148 | | 14:09:09 | 14.53 | 22.31 | 22.52 |
| 44° 32.113' N | 068° 25.289' W | 0.131 | 8,939 | | 14:09:15 | 14.38 | 22.31 | 22.50 |
| 44° 32.112' N | 068° 25.290' W | 0.126 | 9,294 | | 14:09:21 | 14.20 | 22.30 | 22.49 |
| 44° 32.113' N | 068° 25.290' W | 0.319 | 3,671 | | 14:09:27 | 14.21 | 22.31 | 22.52 |
| 44° 32.112' N | 068° 25.289' W | 0.563 | 2,080 | | 14:09:33 | 14.21 | 22.34 | 22.51 |
| 44° 32.112' N | 068° 25.288' W | 0.521 | 2,248 | | 14:09:39 | 14.22 | 22.31 | 22.57 |
| 44° 32.113' N | 068° 25.289' W | 0.566 | 2,069 | | 14:09:45 | 14.19 | 22.30 | 22.58 |
| 44° 32.113' N | 068° 25.289' W | 0.536 | 2,185 | | 14:09:51 | 14.20 | 22.29 | 22.60 |
| 44° 32.114' N | 068° 25.290' W | 0.514 | 2,278 | | 14:09:57 | 14.21 | 22.29 | 22.59 |
| 44° 32.113' N | 068° 25.290' W | 0.516 | 2,269 | | 14:10:03 | 14.21 | 22.30 | 22.59 |
| 44° 32.114' N | 068° 25.290' W | 0.513 | 2,283 | | 14:10:09 | 14.18 | 22.29 | 22.60 |
| 44° 32.114' N | 068° 25.290' W | 0.509 | 2,301 | | 14:10:15 | 14.15 | 22.29 | 22.60 |
| 44° 32.113' N | 068° 25.290' W | 0.503 | 2,328 | | 14:10:21 | 14.14 | 22.29 | 22.61 |
| 44° 32.114' N | 068° 25.289' W | 0.505 | 2,319 | | 14:10:27 | 14.14 | 22.29 | 22.61 |
| 44° 32.114' N | 068° 25.289' W | 0.505 | 2,319 | | 14:10:33 | 14.11 | 22.27 | 22.63 |
| 44° 32.114' N | 068° 25.290' W | 0.502 | 2,333 | | 14:10:39 | 14.13 | 22.28 | 22.62 |
| 44° 32.115' N | 068° 25.290' W | 0.504 | 2,323 | | 14:10:45 | 14.03 | 22.30 | 22.62 |
| 44° 32.114' N | 068° 25.289' W | 0.501 | 2,337 | | 14:10:51 | 10.37 | 22.29 | 22.60 |
| 44° 32.114' N | 068° 25.289' W | 0.512 | 2,287 | | 14:10:57 | 8.93 | 22.33 | 22.43 |
| 44° 32.113' N | 068° 25.289' W | 0.502 | 2,333 | | 14:11:03 | 8.44 | 22.35 | 22.33 |
| 44° 32.113' N | 068° 25.290' W | 0.508 | 2,305 | | 14:11:09 | 8.53 | 22.38 | 22.16 |
| 44° 32.113' N | 068° 25.291' W | 0.507 | 2,310 | | 14:11:15 | 8.51 | 22.41 | 22.02 |
| 44° 32.113' N | 068° 25.291' W | 0.57 | 2,054 | | 14:11:21 | 8.50 | 22.41 | 21.99 |
| 44° 32.113' N | 068° 25.290' W | 0.579 | 2,022 | | 14:11:27 | 8.50 | 22.41 | 21.96 |
| 44° 32.113' N | 068° 25.290' W | 0.588 | 1,991 | | 14:11:33 | 8.48 | 22.42 | 21.91 |
| 44° 32.113' N | 068° 25.290' W | 0.585 | 2,002 | | 14:11:39 | 8.47 | 22.43 | 21.84 |
| 44° 32.113' N | 068° 25.290' W | 0.586 | 1,998 | | 14:11:45 | 8.46 | 22.43 | 21.84 |
| 44° 32.112' N | 068° 25.290' W | 0.585 | 2,002 | | 14:11:51 | 8.44 | 22.45 | 21.81 |
| 44° 32.112' N | 068° 25.290' W | 0.598 | 1,958 | | 14:11:57 | 8.45 | 22.46 | 21.76 |
| 44° 32.112' N | 068° 25.290' W | 0.617 | 1,898 | | 14:12:03 | 8.44 | 22.49 | 21.60 |
| 44° 32.112' N | 068° 25.290' W | 0.63 | 1,859 | | 14:12:09 | 8.46 | 22.49 | 21.54 |
| 44° 32.112' N | 068° 25.289' W | 0.635 | 1,844 | | 14:12:15 | 8.07 | 22.51 | 21.36 |

| Latitude | Longitude | Concentration (ppb) | | Dilution | <----Fluorometer CTD Sensor----> | Time CTD | Depth (feet) | Temp. (Celsius) | Salinity (psu) |
|---------------|----------------|---------------------|-----------|----------|-------------------------------------|-------------|-----------------|--------------------|-------------------|
| | | Field | Corrected | | | | | | |
| 44° 30.124' N | 068° 25.987' W | 0.359 | 0.36 | 3,262 | | 14:29:51 | 1.07 | 23.68 | 24.63 |
| 44° 30.122' N | 068° 25.986' W | 0.355 | 0.36 | 3,299 | | 14:29:57 | 1.10 | 23.62 | 24.97 |
| 44° 30.120' N | 068° 25.984' W | 0.353 | 0.35 | 3,317 | | 14:30:03 | 1.12 | 23.60 | 25.08 |
| 44° 30.118' N | 068° 25.982' W | 0.352 | 0.35 | 3,327 | | 14:30:09 | 0.97 | 23.59 | 25.13 |
| 44° 30.117' N | 068° 25.981' W | 0.353 | 0.35 | 3,317 | | 14:30:15 | 5.10 | 23.41 | 26.18 |
| 44° 30.116' N | 068° 25.981' W | 0.349 | 0.35 | 3,355 | | 14:30:21 | 11.88 | 21.76 | 28.69 |
| 44° 30.116' N | 068° 25.980' W | 0.333 | 0.33 | 3,517 | | 14:30:27 | 16.79 | 21.33 | 29.07 |
| 44° 30.116' N | 068° 25.979' W | 0.335 | 0.34 | 3,496 | | 14:30:33 | 15.59 | 21.38 | 29.00 |
| 44° 30.116' N | 068° 25.979' W | 0.326 | 0.33 | 3,592 | | 14:30:39 | 15.35 | 21.46 | 28.92 |
| 44° 30.117' N | 068° 25.977' W | 0.292 | 0.29 | 4,010 | | 14:30:45 | 15.29 | 21.48 | 28.91 |
| 44° 30.118' N | 068° 25.977' W | 0.148 | 0.15 | 7,912 | | 14:30:51 | 15.48 | 21.40 | 28.98 |
| 44° 30.120' N | 068° 25.977' W | 0.099 | 0.10 | 11,828 | | 14:30:57 | 15.43 | 21.22 | 29.14 |
| 44° 30.120' N | 068° 25.978' W | 0.092 | 0.09 | 12,728 | | 14:31:03 | 15.32 | 21.31 | 29.06 |
| 44° 30.119' N | 068° 25.980' W | 0.089 | 0.09 | 13,157 | | 14:31:09 | 14.93 | 21.31 | 29.06 |
| 44° 30.118' N | 068° 25.981' W | 0.096 | 0.10 | 12,198 | | 14:31:15 | 15.37 | 21.19 | 29.17 |
| 44° 30.118' N | 068° 25.981' W | 0.09 | 0.09 | 13,011 | | 14:31:21 | 15.22 | 21.34 | 29.03 |
| 44° 30.116' N | 068° 25.980' W | 0.085 | 0.09 | 13,776 | | 14:31:27 | 14.66 | 21.35 | 29.02 |
| 44° 30.115' N | 068° 25.980' W | 0.091 | 0.09 | 12,868 | | 14:31:33 | 14.94 | 21.40 | 28.95 |
| 44° 30.115' N | 068° 25.979' W | 0.097 | 0.10 | 12,072 | | 14:31:39 | 15.09 | 21.33 | 29.04 |
| 44° 30.115' N | 068° 25.979' W | 0.082 | 0.08 | 14,280 | | 14:31:45 | 11.93 | 21.48 | 28.89 |
| 44° 30.115' N | 068° 25.978' W | 0.089 | 0.09 | 13,157 | | 14:31:51 | 11.05 | 21.73 | 28.72 |
| 44° 30.116' N | 068° 25.979' W | 0.097 | 0.10 | 12,072 | | 14:31:57 | 11.03 | 21.69 | 28.75 |
| 44° 30.117' N | 068° 25.979' W | 0.097 | 0.10 | 12,072 | | 14:32:03 | 11.00 | 21.75 | 28.70 |
| 44° 30.117' N | 068° 25.979' W | 0.093 | 0.09 | 12,591 | | 14:32:09 | 11.03 | 21.73 | 28.71 |
| 44° 30.117' N | 068° 25.979' W | 0.111 | 0.11 | 10,550 | | 14:32:15 | 11.10 | 21.75 | 28.70 |
| 44° 30.117' N | 068° 25.978' W | 0.107 | 0.11 | 10,944 | | 14:32:21 | 11.07 | 21.76 | 28.69 |
| 44° 30.117' N | 068° 25.979' W | 0.104 | 0.10 | 11,260 | | 14:32:27 | 11.08 | 21.75 | 28.70 |
| 44° 30.118' N | 068° 25.980' W | 0.112 | 0.11 | 10,455 | | 14:32:33 | 8.14 | 21.81 | 28.55 |
| 44° 30.118' N | 068° 25.980' W | 0.119 | 0.12 | 9,840 | | 14:32:39 | 7.19 | 22.37 | 27.65 |
| 44° 30.118' N | 068° 25.981' W | 0.121 | 0.12 | 9,678 | | 14:32:45 | 7.22 | 22.16 | 27.98 |
| 44° 30.119' N | 068° 25.981' W | 0.107 | 0.11 | 10,944 | | 14:32:51 | 7.21 | 22.14 | 28.00 |
| 44° 30.120' N | 068° 25.981' W | 0.122 | 0.12 | 9,598 | | 14:32:57 | 7.29 | 22.16 | 27.97 |
| 44° 30.120' N | 068° 25.980' W | 0.155 | 0.16 | 7,555 | | 14:33:03 | 7.03 | 22.14 | 28.00 |
| 44° 30.120' N | 068° 25.979' W | 0.203 | 0.20 | 5,768 | | 14:33:09 | 6.70 | 22.26 | 27.82 |
| 44° 30.120' N | 068° 25.977' W | 0.219 | 0.22 | 5,347 | | 14:33:15 | 7.15 | 22.25 | 27.84 |
| 44° 30.120' N | 068° 25.977' W | 0.207 | 0.21 | 5,657 | | 14:33:21 | 7.22 | 22.25 | 27.82 |
| 44° 30.121' N | 068° 25.976' W | 0.194 | 0.19 | 6,036 | | 14:33:27 | 7.10 | 22.32 | 27.73 |
| 44° 30.121' N | 068° 25.976' W | 0.2 | 0.20 | 5,855 | | 14:33:33 | 4.67 | 22.33 | 27.71 |

8/08/01 Ellsworth, ME wastewater hydrography

0.00 ppb Background

| <u>Latitude</u> | <u>Longitude</u> | <u>Concentration (ppb)</u> | | <u>Dilu-</u> | <----Fluorometer | <u>Time</u> | <u>Depth</u> | <u>Temp.</u> | <u>Salinity</u> |
|-----------------|------------------|----------------------------|------------------|--------------|----------------------|-------------|---------------|------------------|-----------------|
| | | <u>Field</u> | <u>Corrected</u> | <u>tion</u> | <u>CTD Sensor---</u> | <u>CTD</u> | <u>(feet)</u> | <u>(Celsius)</u> | <u>(psu)</u> |
| 44° 30.121' N | 068° 25.976' W | 0.214 | 0.21 | 5,472 | | 14:33:39 | 3.99 | 22.87 | 26.92 |
| 44° 30.121' N | 068° 25.976' W | 0.195 | 0.20 | 6,005 | | 14:33:45 | 3.93 | 23.47 | 25.78 |
| 44° 30.122' N | 068° 25.977' W | 0.192 | 0.19 | 6,099 | | 14:33:51 | 3.94 | 23.42 | 25.76 |
| 44° 30.122' N | 068° 25.978' W | 0.194 | 0.19 | 6,036 | | 14:33:57 | 3.97 | 23.39 | 25.83 |
| 44° 30.122' N | 068° 25.977' W | 0.247 | 0.25 | 4,741 | | 14:34:03 | 3.92 | 23.57 | 25.75 |
| 44° 30.122' N | 068° 25.977' W | 0.267 | 0.27 | 4,386 | | 14:34:09 | 3.97 | 23.53 | 25.78 |
| 44° 30.122' N | 068° 25.978' W | 0.271 | 0.27 | 4,321 | | 14:34:15 | 3.92 | 23.55 | 25.76 |
| 44° 30.123' N | 068° 25.978' W | 0.275 | 0.28 | 4,258 | | 14:34:21 | 3.92 | 23.49 | 25.81 |
| 44° 30.124' N | 068° 25.978' W | 0.277 | 0.28 | 4,227 | | 14:34:27 | 3.74 | 23.49 | 25.75 |
| 44° 30.124' N | 068° 25.978' W | 0.272 | 0.27 | 4,305 | | 14:34:33 | 3.90 | 23.53 | 25.65 |
| 44° 30.124' N | 068° 25.978' W | 0.279 | 0.28 | 4,197 | | 14:34:39 | 3.27 | 23.48 | 25.67 |
| 44° 30.124' N | 068° 25.977' W | 0.282 | 0.28 | 4,152 | | 14:34:45 | 1.91 | 23.56 | 25.57 |
| 44° 30.124' N | 068° 25.976' W | 0.278 | 0.28 | 4,212 | | 14:34:51 | 0.98 | 23.68 | 24.75 |
| 44° 30.123' N | 068° 25.976' W | 0.286 | 0.29 | 4,094 | | 14:34:57 | 1.00 | 23.65 | 25.05 |
| 44° 30.123' N | 068° 25.976' W | 0.292 | 0.29 | 4,010 | | 14:35:03 | 1.00 | 23.65 | 24.94 |
| 44° 30.123' N | 068° 25.977' W | 0.297 | 0.30 | 3,943 | | 14:35:09 | 0.78 | 23.68 | 24.82 |
| 44° 30.122' N | 068° 25.977' W | 0.332 | 0.33 | 3,527 | | 14:35:15 | 1.03 | 23.66 | 24.92 |
| 44° 30.122' N | 068° 25.977' W | 0.368 | 0.37 | 3,182 | | 14:35:21 | 1.05 | 23.68 | 24.85 |
| 44° 30.122' N | 068° 25.977' W | 0.371 | 0.37 | 3,156 | | 14:35:27 | 1.08 | 23.66 | 24.97 |

| Latitude | Longitude | Concentration (ppb) | | Dilution | ----Fluorometer CTD Sensor----> | Time CTD | Depth (feet) | Temp. (Celsius) | Salinity (psu) |
|---------------|----------------|---------------------|-----------|----------|------------------------------------|-------------|-----------------|--------------------|-------------------|
| | | Field | Corrected | | | | | | |
| 44° 29.545' N | 068° 25.599' W | 0.123 | 0.12 | 9.520 | | 14:45:45 | 1.00 | 22.43 | 28.39 |
| 44° 29.543' N | 068° 25.601' W | 0.121 | 0.12 | 9.678 | | 14:45:51 | 1.03 | 22.42 | 28.40 |
| 44° 29.542' N | 068° 25.602' W | 0.122 | 0.12 | 9.598 | | 14:45:57 | 1.22 | 22.41 | 28.42 |
| 44° 29.540' N | 068° 25.601' W | 0.125 | 0.13 | 9.368 | | 14:46:03 | 5.30 | 21.87 | 28.98 |
| 44° 29.539' N | 068° 25.600' W | 0.126 | 0.13 | 9.294 | | 14:46:09 | 9.35 | 22.01 | 29.20 |
| 44° 29.537' N | 068° 25.599' W | 0.124 | 0.12 | 9.444 | | 14:46:15 | 12.91 | 21.69 | 29.45 |
| 44° 29.535' N | 068° 25.598' W | 0.12 | 0.12 | 9.758 | | 14:46:21 | 13.69 | 21.57 | 29.43 |
| 44° 29.534' N | 068° 25.597' W | 0.121 | 0.12 | 9.678 | | 14:46:27 | 15.87 | 19.77 | 30.44 |
| 44° 29.533' N | 068° 25.597' W | 0.083 | 0.08 | 14.108 | | 14:46:33 | 15.03 | 19.94 | 29.62 |
| 44° 29.533' N | 068° 25.597' W | 0.053 | 0.05 | 22.094 | | 14:46:39 | 15.12 | 20.03 | 30.29 |
| 44° 29.533' N | 068° 25.597' W | 0.047 | 0.05 | 24.915 | | 14:46:45 | 14.53 | 21.24 | 29.46 |
| 44° 29.534' N | 068° 25.596' W | 0.045 | 0.05 | 26.022 | | 14:46:51 | 14.49 | 21.01 | 29.66 |
| 44° 29.535' N | 068° 25.596' W | 0.031 | 0.03 | 37.774 | | 14:46:57 | 14.35 | 20.75 | 29.81 |
| 44° 29.534' N | 068° 25.594' W | 0.04 | 0.04 | 29.275 | | 14:47:03 | 14.95 | 21.01 | 29.69 |
| 44° 29.534' N | 068° 25.594' W | 0.042 | 0.04 | 27.881 | | 14:47:09 | 14.98 | 20.32 | 30.04 |
| 44° 29.533' N | 068° 25.593' W | 0.042 | 0.04 | 27.881 | | 14:47:15 | 14.71 | 20.05 | 30.25 |
| 44° 29.532' N | 068° 25.593' W | 0.041 | 0.04 | 28.561 | | 14:47:21 | 15.02 | 20.54 | 29.89 |
| 44° 29.532' N | 068° 25.594' W | 0.044 | 0.04 | 26.614 | | 14:47:27 | 14.85 | 19.88 | 30.37 |
| 44° 29.532' N | 068° 25.595' W | 0.044 | 0.04 | 26.614 | | 14:47:33 | 14.94 | 19.97 | 30.30 |
| 44° 29.533' N | 068° 25.596' W | 0.044 | 0.04 | 26.614 | | 14:47:39 | 14.89 | 20.19 | 30.19 |
| 44° 29.534' N | 068° 25.598' W | 0.038 | 0.04 | 30.816 | | 14:47:45 | 13.64 | 20.85 | 29.79 |
| 44° 29.535' N | 068° 25.600' W | 0.036 | 0.04 | 32.528 | | 14:47:51 | 10.15 | 21.85 | 29.40 |
| 44° 29.534' N | 068° 25.601' W | 0.035 | 0.04 | 33.457 | | 14:47:57 | 8.27 | 22.02 | 29.20 |
| 44° 29.534' N | 068° 25.602' W | 0.04 | 0.04 | 29.275 | | 14:48:03 | 7.79 | 22.02 | 29.20 |
| 44° 29.532' N | 068° 25.602' W | 0.041 | 0.04 | 28.561 | | 14:48:09 | 7.98 | 22.05 | 29.23 |
| 44° 29.531' N | 068° 25.601' W | 0.043 | 0.04 | 27.233 | | 14:48:15 | 7.75 | 22.00 | 29.16 |
| 44° 29.530' N | 068° 25.601' W | 0.061 | 0.06 | 19.197 | | 14:48:21 | 7.84 | 22.03 | 29.18 |
| 44° 29.529' N | 068° 25.601' W | 0.072 | 0.07 | 16.264 | | 14:48:27 | 7.95 | 22.02 | 29.16 |
| 44° 29.528' N | 068° 25.601' W | 0.067 | 0.07 | 17.478 | | 14:48:33 | 7.91 | 22.00 | 29.14 |
| 44° 29.527' N | 068° 25.602' W | 0.069 | 0.07 | 16.971 | | 14:48:39 | 7.80 | 22.04 | 29.17 |
| 44° 29.525' N | 068° 25.602' W | 0.072 | 0.07 | 16.264 | | 14:48:45 | 7.66 | 22.01 | 29.12 |
| 44° 29.523' N | 068° 25.602' W | 0.07 | 0.07 | 16.729 | | 14:48:51 | 7.73 | 22.05 | 29.16 |
| 44° 29.522' N | 068° 25.602' W | 0.073 | 0.07 | 16.041 | | 14:48:57 | 7.86 | 22.04 | 29.13 |
| 44° 29.520' N | 068° 25.602' W | 0.074 | 0.07 | 15.824 | | 14:49:03 | 7.87 | 22.09 | 29.19 |
| 44° 29.519' N | 068° 25.602' W | 0.08 | 0.08 | 14.638 | | 14:49:09 | 7.00 | 22.09 | 29.19 |
| 44° 29.518' N | 068° 25.603' W | 0.082 | 0.08 | 14.280 | | 14:49:15 | 4.62 | 22.45 | 28.81 |
| 44° 29.517' N | 068° 25.603' W | 0.076 | 0.08 | 15.408 | | 14:49:21 | 4.21 | 22.42 | 28.83 |
| 44° 29.515' N | 068° 25.603' W | 0.074 | 0.07 | 15.824 | | 14:49:27 | 4.44 | 22.38 | 28.86 |

8/08/01 Ellsworth, ME wastewater hydrography

0.00 ppb Background

| <u>Latitude</u> | <u>Longitude</u> | <u>Concentration (ppb)</u> | <u>Dilu-</u> | <u><----Fluorometer</u> | <u>Time</u> | <u>Depth</u> | <u>Temp.</u> | <u>Salinity</u> |
|-----------------|------------------|----------------------------|--------------|----------------------------|-------------|---------------|------------------|-----------------|
| | | <u>Field Corrected</u> | <u>tion</u> | <u>CTD Sensor----></u> | <u>CTD</u> | <u>(feet)</u> | <u>(Celsius)</u> | <u>(psu)</u> |
| 44° 29.513' N | 068° 25.603' W | 0.073 | 16,041 | | 14:49:33 | 4.50 | 22.38 | 28.87 |
| 44° 29.513' N | 068° 25.604' W | 0.091 | 12,868 | | 14:49:39 | 4.46 | 22.42 | 28.84 |
| 44° 29.514' N | 068° 25.605' W | 0.099 | 11,828 | | 14:49:45 | 4.68 | 22.45 | 28.82 |
| 44° 29.516' N | 068° 25.608' W | 0.101 | 11,594 | | 14:49:51 | 4.07 | 22.45 | 28.83 |
| 44° 29.517' N | 068° 25.610' W | 0.098 | 11,949 | | 14:49:57 | 4.45 | 22.42 | 28.84 |
| 44° 29.518' N | 068° 25.613' W | 0.097 | 12,072 | | 14:50:03 | 4.27 | 22.42 | 28.85 |
| 44° 29.518' N | 068° 25.615' W | 0.099 | 11,828 | | 14:50:09 | 1.48 | 22.46 | 28.82 |
| 44° 29.517' N | 068° 25.617' W | 0.099 | 11,828 | | 14:50:15 | 0.83 | 22.47 | 28.80 |
| 44° 29.516' N | 068° 25.616' W | 0.097 | 12,072 | | 14:50:21 | 0.80 | 22.46 | 28.81 |
| 44° 29.515' N | 068° 25.615' W | 0.101 | 11,594 | | 14:50:27 | 0.87 | 22.46 | 28.81 |
| 44° 29.513' N | 068° 25.614' W | 0.1 | 11,710 | | 14:50:33 | 0.98 | 22.48 | 28.80 |
| 44° 29.511' N | 068° 25.613' W | 0.099 | 11,828 | | 14:50:39 | 0.75 | 22.46 | 28.82 |
| 44° 29.510' N | 068° 25.612' W | 0.1 | 11,710 | | 14:50:45 | 0.85 | 22.45 | 28.83 |

| Latitude | Longitude | Concentration (ppb) | | Dilution | <---Fluorometer CTD Sensor---> | Time CTD | Depth (feet) | Temp. (Celsius) | Salinity (psu) |
|---------------|----------------|---------------------|-----------|----------|-----------------------------------|-------------|-----------------|--------------------|-------------------|
| | | Field | Corrected | | | | | | |
| 44° 28.463' N | 068° 26.666' W | 0.03 | 0.03 | 39,033 | | 15:09:03 | 1.63 | 20.72 | 29.96 |
| 44° 28.458' N | 068° 26.666' W | 0.029 | 0.03 | 40,379 | | 15:09:09 | 1.88 | 20.71 | 29.97 |
| 44° 28.454' N | 068° 26.665' W | 0.029 | 0.03 | 40,379 | | 15:09:15 | 1.84 | 20.71 | 29.97 |
| 44° 28.450' N | 068° 26.664' W | 0.028 | 0.03 | 41,821 | | 15:09:21 | 1.75 | 20.74 | 29.96 |
| 44° 28.446' N | 068° 26.664' W | 0.03 | 0.03 | 39,033 | | 15:09:27 | 1.94 | 20.71 | 29.97 |
| 44° 28.445' N | 068° 26.663' W | 0.028 | 0.03 | 41,821 | | 15:09:33 | 1.71 | 20.70 | 29.97 |
| 44° 28.443' N | 068° 26.663' W | 0.027 | 0.03 | 43,370 | | 15:09:39 | 1.86 | 20.69 | 29.98 |
| 44° 28.441' N | 068° 26.663' W | 0.026 | 0.03 | 45,038 | | 15:09:45 | 1.83 | 20.67 | 29.99 |
| 44° 28.438' N | 068° 26.662' W | 0.03 | 0.03 | 39,033 | | 15:09:51 | 1.44 | 20.67 | 29.99 |
| 44° 28.433' N | 068° 26.660' W | 0.029 | 0.03 | 40,379 | | 15:09:57 | 1.78 | 20.65 | 30.00 |
| 44° 28.428' N | 068° 26.660' W | 0.028 | 0.03 | 41,821 | | 15:10:03 | 1.79 | 20.59 | 30.02 |
| 44° 28.422' N | 068° 26.659' W | 0.027 | 0.03 | 43,370 | | 15:10:09 | 1.69 | 20.58 | 30.03 |
| 44° 28.416' N | 068° 26.658' W | 0.028 | 0.03 | 41,821 | | 15:10:15 | 1.82 | 20.57 | 30.03 |
| 44° 28.412' N | 068° 26.658' W | 0.026 | 0.03 | 45,038 | | 15:10:21 | 1.90 | 20.53 | 30.05 |
| 44° 28.409' N | 068° 26.658' W | 0.027 | 0.03 | 43,370 | | 15:10:27 | 1.49 | 20.53 | 30.05 |
| 44° 28.406' N | 068° 26.657' W | 0.023 | 0.02 | 50,913 | | 15:10:33 | 1.75 | 20.52 | 30.06 |
| 44° 28.402' N | 068° 26.656' W | 0.023 | 0.02 | 50,913 | | 15:10:39 | 1.65 | 20.54 | 30.06 |
| 44° 28.398' N | 068° 26.655' W | 0.023 | 0.02 | 50,913 | | 15:10:45 | 1.87 | 20.54 | 30.05 |
| 44° 28.393' N | 068° 26.654' W | 0.023 | 0.02 | 50,913 | | 15:10:51 | 2.00 | 20.51 | 30.07 |
| 44° 28.388' N | 068° 26.654' W | 0.023 | 0.02 | 50,913 | | 15:10:57 | 1.95 | 20.49 | 30.07 |
| 44° 28.385' N | 068° 26.654' W | 0.024 | 0.02 | 48,792 | | 15:11:03 | 1.96 | 20.46 | 30.09 |
| 44° 28.380' N | 068° 26.655' W | 0.023 | 0.02 | 50,913 | | 15:11:09 | 1.98 | 20.46 | 30.09 |
| 44° 28.375' N | 068° 26.655' W | 0.022 | 0.02 | 53,227 | | 15:11:15 | 2.01 | 20.48 | 30.10 |
| 44° 28.370' N | 068° 26.654' W | 0.021 | 0.02 | 55,762 | | 15:11:21 | 1.84 | 20.47 | 30.10 |
| 44° 28.366' N | 068° 26.652' W | 0.02 | 0.02 | 58,550 | | 15:11:27 | 1.87 | 20.50 | 30.11 |
| 44° 28.362' N | 068° 26.651' W | 0.021 | 0.02 | 55,762 | | 15:11:33 | 1.98 | 20.49 | 30.11 |
| 44° 28.357' N | 068° 26.650' W | 0.019 | 0.02 | 61,632 | | 15:11:39 | 1.83 | 20.49 | 30.11 |
| 44° 28.352' N | 068° 26.649' W | 0.019 | 0.02 | 61,632 | | 15:11:45 | 2.07 | 20.27 | 30.17 |
| 44° 28.346' N | 068° 26.647' W | 0.016 | 0.02 | 73,188 | | 15:11:51 | 1.80 | 20.49 | 30.11 |
| 44° 28.341' N | 068° 26.645' W | 0.019 | 0.02 | 61,632 | | 15:11:57 | 2.35 | 20.49 | 30.11 |
| 44° 28.337' N | 068° 26.643' W | 0.017 | 0.02 | 68,882 | | 15:12:03 | 1.93 | 20.48 | 30.11 |
| 44° 28.332' N | 068° 26.641' W | 0.016 | 0.02 | 73,188 | | 15:12:09 | 1.95 | 20.45 | 30.12 |
| 44° 28.327' N | 068° 26.639' W | 0.016 | 0.02 | 73,188 | | 15:12:15 | 2.03 | 20.49 | 30.12 |
| 44° 28.322' N | 068° 26.637' W | 0.018 | 0.02 | 65,056 | | 15:12:21 | 2.26 | 20.53 | 30.11 |
| 44° 28.317' N | 068° 26.636' W | 0.015 | 0.02 | 78,067 | | 15:12:27 | 1.88 | 20.51 | 30.12 |
| 44° 28.311' N | 068° 26.636' W | 0.016 | 0.02 | 73,188 | | 15:12:33 | 1.91 | 20.50 | 30.12 |
| 44° 28.306' N | 068° 26.634' W | 0.017 | 0.02 | 68,882 | | 15:12:39 | 1.79 | 20.49 | 30.12 |
| 44° 28.301' N | 068° 26.633' W | 0.017 | 0.02 | 68,882 | | 15:12:45 | 1.74 | 20.50 | 30.11 |

8/08/01 Ellsworth, ME wastewater hydrography

0.00 ppb Background

| <u>Latitude</u> | <u>Longitude</u> | <u>Concentration (ppb)</u> | | <u>Dilution</u> | <u><----Fluorometer CTD Sensor----></u> | <u>Time CTD</u> | <u>Depth (feet)</u> | <u>Temp. (Celsius)</u> | <u>Salinity (psu)</u> |
|-----------------|------------------|----------------------------|------------------|-----------------|---|---------------------|-------------------------|----------------------------|---------------------------|
| | | <u>Field</u> | <u>Corrected</u> | | | | | | |
| 44° 28.297' N | 068° 26.631' W | 0.016 | 0.02 | 73,188 | | 15:12:51 | 2.13 | 20.53 | 30.11 |
| 44° 28.292' N | 068° 26.629' W | 0.016 | 0.02 | 73,188 | | 15:12:57 | 1.94 | 20.52 | 30.12 |
| 44° 28.287' N | 068° 26.629' W | 0.016 | 0.02 | 73,188 | | 15:13:03 | 1.96 | 20.53 | 30.11 |
| 44° 28.282' N | 068° 26.628' W | 0.014 | 0.01 | 83,643 | | 15:13:09 | 1.78 | 20.54 | 30.12 |
| 44° 28.277' N | 068° 26.626' W | 0.017 | 0.02 | 68,882 | | 15:13:15 | 1.87 | 20.53 | 30.12 |
| 44° 28.272' N | 068° 26.624' W | 0.016 | 0.02 | 73,188 | | 15:13:21 | 2.23 | 20.57 | 30.11 |
| 44° 28.267' N | 068° 26.622' W | 0.015 | 0.02 | 78,067 | | 15:13:27 | 2.11 | 20.57 | 30.10 |
| 44° 28.262' N | 068° 26.620' W | 0.016 | 0.02 | 73,188 | | 15:13:33 | 2.14 | 20.54 | 30.11 |
| 44° 28.257' N | 068° 26.619' W | 0.016 | 0.02 | 73,188 | | 15:13:39 | 2.00 | 20.53 | 30.11 |
| 44° 28.252' N | 068° 26.618' W | 0.014 | 0.01 | 83,643 | | 15:13:45 | 2.16 | 20.51 | 30.12 |
| 44° 28.247' N | 068° 26.617' W | 0.015 | 0.02 | 78,067 | | 15:13:51 | 1.80 | 20.53 | 30.11 |
| 44° 28.242' N | 068° 26.616' W | 0.015 | 0.02 | 78,067 | | 15:13:57 | 1.95 | 20.45 | 30.14 |
| 44° 28.236' N | 068° 26.615' W | 0.016 | 0.02 | 73,188 | | 15:14:03 | 2.02 | 20.49 | 30.13 |
| 44° 28.231' N | 068° 26.613' W | 0.016 | 0.02 | 73,188 | | 15:14:09 | 1.86 | 20.50 | 30.11 |
| 44° 28.226' N | 068° 26.612' W | 0.013 | 0.01 | 90,077 | | 15:14:15 | 2.35 | 20.56 | 30.11 |
| 44° 28.221' N | 068° 26.610' W | 0.014 | 0.01 | 83,643 | | 15:14:21 | 2.02 | 20.63 | 30.08 |
| 44° 28.216' N | 068° 26.609' W | 0.016 | 0.02 | 73,188 | | 15:14:27 | 1.93 | 20.65 | 30.08 |
| 44° 28.211' N | 068° 26.607' W | 0.017 | 0.02 | 68,882 | | 15:14:33 | 2.12 | 20.62 | 30.09 |
| 44° 28.206' N | 068° 26.605' W | 0.017 | 0.02 | 68,882 | | 15:14:39 | 2.14 | 20.64 | 30.08 |
| 44° 28.200' N | 068° 26.603' W | 0.017 | 0.02 | 68,882 | | 15:14:45 | 1.94 | 20.64 | 30.08 |
| 44° 28.196' N | 068° 26.602' W | 0.018 | 0.02 | 65,056 | | 15:14:51 | 2.14 | 20.63 | 30.08 |
| 44° 28.191' N | 068° 26.600' W | 0.016 | 0.02 | 73,188 | | 15:14:57 | 1.88 | 20.62 | 30.09 |
| 44° 28.186' N | 068° 26.599' W | 0.018 | 0.02 | 65,056 | | 15:15:03 | 2.28 | 20.61 | 30.09 |
| 44° 28.181' N | 068° 26.599' W | 0.016 | 0.02 | 73,188 | | 15:15:09 | 1.95 | 20.59 | 30.09 |
| 44° 28.176' N | 068° 26.597' W | 0.017 | 0.02 | 68,882 | | 15:15:15 | 1.90 | 20.57 | 30.10 |
| 44° 28.171' N | 068° 26.595' W | 0.019 | 0.02 | 61,632 | | 15:15:21 | 1.68 | 20.54 | 30.11 |
| 44° 28.167' N | 068° 26.593' W | 0.016 | 0.02 | 73,188 | | 15:15:27 | 1.51 | 20.55 | 30.11 |
| 44° 28.162' N | 068° 26.592' W | 0.016 | 0.02 | 73,188 | | 15:15:33 | 2.02 | 20.56 | 30.11 |
| 44° 28.156' N | 068° 26.591' W | 0.015 | 0.02 | 78,067 | | 15:15:39 | 2.06 | 20.62 | 30.10 |
| 44° 28.150' N | 068° 26.591' W | 0.017 | 0.02 | 68,882 | | 15:15:45 | 2.14 | 20.62 | 30.11 |
| 44° 28.144' N | 068° 26.590' W | 0.016 | 0.02 | 73,188 | | 15:15:51 | 2.18 | 20.64 | 30.11 |
| 44° 28.139' N | 068° 26.590' W | 0.015 | 0.02 | 78,067 | | 15:15:57 | 2.19 | 20.60 | 30.11 |
| 44° 28.133' N | 068° 26.590' W | 0.017 | 0.02 | 68,882 | | 15:16:03 | 2.16 | 20.73 | 30.10 |
| 44° 28.128' N | 068° 26.590' W | 0.02 | 0.02 | 58,550 | | 15:16:09 | 1.89 | 20.70 | 30.11 |
| 44° 28.122' N | 068° 26.589' W | 0.015 | 0.02 | 78,067 | | 15:16:15 | 1.94 | 20.64 | 30.13 |
| 44° 28.117' N | 068° 26.589' W | 0.015 | 0.02 | 78,067 | | 15:16:21 | 2.29 | 20.62 | 30.14 |
| 44° 28.111' N | 068° 26.587' W | 0.015 | 0.02 | 78,067 | | 15:16:27 | 2.13 | 20.65 | 30.13 |
| 44° 28.105' N | 068° 26.586' W | 0.015 | 0.02 | 78,067 | | 15:16:33 | 1.96 | 20.64 | 30.13 |

| Latitude | Longitude | Concentration (ppb) | | Dilu- tion | <----Fluorometer CTD Sensor----> | Time CTD | Depth (feet) | Temp. (Celsius) | Salinity (psu) |
|---------------|----------------|---------------------|-----------|---------------|-------------------------------------|-------------|-----------------|--------------------|-------------------|
| | | Field | Corrected | | | | | | |
| 44° 28.100' N | 068° 26.585' W | 0.014 | 0.01 | 83,643 | | 15:16:39 | 2.06 | 20.61 | 30.14 |
| 44° 28.095' N | 068° 26.583' W | 0.012 | 0.01 | 97,583 | | 15:16:45 | 2.03 | 20.58 | 30.15 |
| 44° 28.090' N | 068° 26.583' W | 0.013 | 0.01 | 90,077 | | 15:16:51 | 1.86 | 20.59 | 30.14 |
| 44° 28.085' N | 068° 26.583' W | 0.014 | 0.01 | 83,643 | | 15:16:57 | 1.95 | 20.59 | 30.15 |
| 44° 28.080' N | 068° 26.582' W | 0.014 | 0.01 | 83,643 | | 15:17:03 | 2.09 | 20.58 | 30.15 |
| 44° 28.074' N | 068° 26.581' W | 0.012 | 0.01 | 97,583 | | 15:17:09 | 1.97 | 20.60 | 30.14 |
| 44° 28.069' N | 068° 26.581' W | 0.012 | 0.01 | 97,583 | | 15:17:15 | 2.19 | 20.62 | 30.15 |
| 44° 28.063' N | 068° 26.581' W | 0.012 | 0.01 | 97,583 | | 15:17:21 | 2.01 | 20.69 | 30.14 |
| 44° 28.057' N | 068° 26.581' W | 0.013 | 0.01 | 90,077 | | 15:17:27 | 2.16 | 20.65 | 30.14 |
| 44° 28.052' N | 068° 26.582' W | 0.014 | 0.01 | 83,643 | | 15:17:33 | 1.93 | 20.69 | 30.14 |
| 44° 28.046' N | 068° 26.583' W | 0.018 | 0.02 | 65,056 | | 15:17:39 | 2.29 | 20.72 | 30.14 |
| 44° 28.041' N | 068° 26.584' W | 0.017 | 0.02 | 68,882 | | 15:17:45 | 2.00 | 20.69 | 30.14 |
| 44° 28.035' N | 068° 26.584' W | 0.015 | 0.02 | 78,067 | | 15:17:51 | 1.94 | 20.65 | 30.14 |
| 44° 28.029' N | 068° 26.583' W | 0.012 | 0.01 | 97,583 | | 15:17:57 | 1.85 | 20.70 | 30.14 |
| 44° 28.024' N | 068° 26.582' W | 0.013 | 0.01 | 90,077 | | 15:18:03 | 1.99 | 20.67 | 30.15 |
| 44° 28.018' N | 068° 26.582' W | 0.012 | 0.01 | 97,583 | | 15:18:09 | 2.12 | 20.66 | 30.16 |
| 44° 28.012' N | 068° 26.581' W | 0.011 | 0.01 | 106,455 | | 15:18:15 | 1.99 | 20.60 | 30.17 |
| 44° 28.006' N | 068° 26.580' W | 0.011 | 0.01 | 106,455 | | 15:18:21 | 2.07 | 20.60 | 30.18 |
| 44° 28.001' N | 068° 26.578' W | 0.008 | 0.01 | 146,375 | | 15:18:27 | 1.93 | 20.63 | 30.18 |
| 44° 27.995' N | 068° 26.577' W | 0.01 | 0.01 | 117,100 | | 15:18:33 | 1.98 | 20.60 | 30.20 |
| 44° 27.989' N | 068° 26.576' W | 0.01 | 0.01 | 117,100 | | 15:18:39 | 2.18 | 20.68 | 30.18 |
| 44° 27.983' N | 068° 26.576' W | 0.007 | 0.01 | 167,286 | | 15:18:45 | 1.90 | 20.64 | 30.19 |
| 44° 27.977' N | 068° 26.577' W | 0.01 | 0.01 | 117,100 | | 15:18:51 | 2.13 | 20.61 | 30.20 |
| 44° 27.972' N | 068° 26.578' W | 0.008 | 0.01 | 146,375 | | 15:18:57 | 2.22 | 20.57 | 30.20 |
| 44° 27.966' N | 068° 26.578' W | 0.007 | 0.01 | 167,286 | | 15:19:03 | 2.13 | 20.58 | 30.20 |
| 44° 27.961' N | 068° 26.578' W | 0.006 | 0.01 | 195,167 | | 15:19:09 | 2.09 | 20.65 | 30.19 |
| 44° 27.955' N | 068° 26.577' W | 0.009 | 0.01 | 130,111 | | 15:19:15 | 1.96 | 20.64 | 30.19 |
| 44° 27.949' N | 068° 26.577' W | 0.006 | 0.01 | 195,167 | | 15:19:21 | 2.14 | 20.67 | 30.19 |
| 44° 27.943' N | 068° 26.576' W | 0.007 | 0.01 | 167,286 | | 15:19:27 | 2.23 | 20.71 | 30.19 |
| 44° 27.937' N | 068° 26.575' W | 0.008 | 0.01 | 146,375 | | 15:19:33 | 1.88 | 20.70 | 30.19 |
| 44° 27.931' N | 068° 26.575' W | 0.006 | 0.01 | 195,167 | | 15:19:39 | 2.10 | 20.70 | 30.19 |
| 44° 27.926' N | 068° 26.575' W | 0.005 | 0.01 | 234,200 | | 15:19:45 | 2.01 | 20.67 | 30.19 |
| 44° 27.920' N | 068° 26.573' W | 0.004 | 0.00 | N.A. | | 15:19:51 | 2.01 | 20.65 | 30.21 |
| 44° 27.915' N | 068° 26.573' W | 0.007 | 0.01 | 167,286 | | 15:19:57 | 2.01 | 20.68 | 30.20 |
| 44° 27.909' N | 068° 26.571' W | 0.006 | 0.01 | 195,167 | | 15:20:03 | 2.13 | 20.61 | 30.21 |
| 44° 27.903' N | 068° 26.571' W | 0.007 | 0.01 | 167,286 | | 15:20:09 | 2.18 | 20.61 | 30.21 |
| 44° 27.898' N | 068° 26.569' W | 0.004 | 0.00 | N.A. | | 15:20:15 | 2.22 | 20.59 | 30.20 |
| 44° 27.892' N | 068° 26.569' W | 0.004 | 0.00 | N.A. | | 15:20:21 | 2.05 | 20.58 | 30.21 |

8/08/01 Ellsworth, ME wastewater hydrography

0.00 ppb Background

| <u>Latitude</u> | <u>Longitude</u> | <u>Concentration (ppb)</u> | | <u>Dilu-</u> <u>tion</u> | <u><----Fluorometer</u> <u>CTD Sensor----</u> | <u>Time</u> <u>CTD</u> | <u>Depth</u> <u>(feet)</u> | <u>Temp.</u> <u>(Celsius)</u> | <u>Salinity</u> <u>(psu)</u> |
|-----------------|------------------|----------------------------|------------------|-----------------------------|---|---------------------------|-------------------------------|----------------------------------|---------------------------------|
| | | <u>Field</u> | <u>Corrected</u> | | | | | | |
| 44° 27.886' N | 068° 26.569' W | 0.005 | 0.01 | 234,200 | | 15:20:27 | 1.96 | 20.51 | 30.23 |
| 44° 27.880' N | 068° 26.569' W | 0.005 | 0.01 | 234,200 | | 15:20:33 | 2.12 | 20.42 | 30.26 |
| 44° 27.874' N | 068° 26.569' W | 0.006 | 0.01 | 195,167 | | 15:20:39 | 1.89 | 20.59 | 30.24 |
| 44° 27.869' N | 068° 26.568' W | 0.006 | 0.01 | 195,167 | | 15:20:45 | 1.97 | 20.61 | 30.24 |
| 44° 27.862' N | 068° 26.567' W | 0.005 | 0.01 | 234,200 | | 15:20:51 | 2.13 | 20.67 | 30.23 |
| 44° 27.856' N | 068° 26.566' W | 0.004 | 0.00 | N.A. | | 15:20:57 | 1.86 | 20.72 | 30.22 |
| 44° 27.851' N | 068° 26.566' W | 0.004 | 0.00 | N.A. | | 15:21:03 | 2.24 | 20.70 | 30.22 |
| 44° 27.845' N | 068° 26.565' W | 0.004 | 0.00 | N.A. | | 15:21:09 | 2.10 | 20.69 | 30.22 |
| 44° 27.840' N | 068° 26.565' W | 0.003 | 0.00 | N.A. | | 15:21:15 | 1.90 | 20.67 | 30.22 |
| 44° 27.834' N | 068° 26.565' W | 0.002 | 0.00 | N.A. | | 15:21:21 | 1.97 | 20.73 | 30.21 |
| 44° 27.828' N | 068° 26.564' W | 0.003 | 0.00 | N.A. | | 15:21:27 | 2.16 | 20.76 | 30.21 |
| 44° 27.822' N | 068° 26.563' W | 0.002 | 0.00 | N.A. | | 15:21:33 | 2.09 | 20.71 | 30.21 |
| 44° 27.816' N | 068° 26.563' W | 0.003 | 0.00 | N.A. | | 15:21:39 | 1.88 | 20.72 | 30.21 |
| 44° 27.810' N | 068° 26.563' W | 0.004 | 0.00 | N.A. | | 15:21:45 | 2.09 | 20.73 | 30.21 |
| 44° 27.805' N | 068° 26.563' W | 0.003 | 0.00 | N.A. | | 15:21:51 | 2.24 | 20.75 | 30.21 |
| 44° 27.800' N | 068° 26.562' W | 0.004 | 0.00 | N.A. | | 15:21:57 | 1.96 | 20.72 | 30.21 |
| 44° 27.794' N | 068° 26.562' W | 0.003 | 0.00 | N.A. | | 15:22:03 | 2.02 | 20.76 | 30.21 |
| 44° 27.788' N | 068° 26.563' W | 0.006 | 0.01 | 195,167 | | 15:22:09 | 2.09 | 20.78 | 30.20 |
| 44° 27.782' N | 068° 26.564' W | 0.004 | 0.00 | N.A. | | 15:22:15 | 2.18 | 20.79 | 30.21 |
| 44° 27.777' N | 068° 26.562' W | 0.005 | 0.01 | 234,200 | | 15:22:21 | 1.95 | 20.78 | 30.21 |
| 44° 27.772' N | 068° 26.561' W | 0.003 | 0.00 | N.A. | | 15:22:27 | 2.18 | 20.77 | 30.21 |
| 44° 27.767' N | 068° 26.560' W | 0.005 | 0.01 | 234,200 | | 15:22:33 | 2.09 | 20.80 | 30.21 |
| 44° 27.761' N | 068° 26.559' W | 0 | 0.00 | N.A. | | 15:22:39 | 2.22 | 20.78 | 30.21 |
| 44° 27.755' N | 068° 26.559' W | 0.001 | 0.00 | N.A. | | 15:22:45 | 2.01 | 20.72 | 30.22 |
| 44° 27.750' N | 068° 26.560' W | 0.003 | 0.00 | N.A. | | 15:22:51 | 2.23 | 20.76 | 30.22 |
| 44° 27.744' N | 068° 26.560' W | 0.003 | 0.00 | N.A. | | 15:22:57 | 2.08 | 20.72 | 30.23 |
| 44° 27.739' N | 068° 26.560' W | 0.003 | 0.00 | N.A. | | 15:23:03 | 2.01 | 20.72 | 30.24 |
| 44° 27.733' N | 068° 26.560' W | 0.003 | 0.00 | N.A. | | 15:23:09 | 2.05 | 20.70 | 30.24 |
| 44° 27.727' N | 068° 26.559' W | 0.001 | 0.00 | N.A. | | 15:23:15 | 2.00 | 20.74 | 30.24 |
| 44° 27.721' N | 068° 26.560' W | 0.007 | 0.01 | 167,286 | | 15:23:21 | 2.10 | 20.79 | 30.23 |
| 44° 27.716' N | 068° 26.560' W | 0.002 | 0.00 | N.A. | | 15:23:27 | 2.18 | 20.75 | 30.23 |
| 44° 27.710' N | 068° 26.560' W | 0 | 0.00 | N.A. | | 15:23:33 | 2.01 | 20.82 | 30.22 |
| 44° 27.704' N | 068° 26.560' W | 0 | 0.00 | N.A. | | 15:23:39 | 2.09 | 20.81 | 30.23 |
| 44° 27.698' N | 068° 26.561' W | 0 | 0.00 | N.A. | | 15:23:45 | 2.06 | 20.79 | 30.23 |
| 44° 27.692' N | 068° 26.561' W | 0.002 | 0.00 | N.A. | | 15:23:51 | 2.01 | 20.80 | 30.23 |
| 44° 27.687' N | 068° 26.563' W | 0.003 | 0.00 | N.A. | | 15:23:57 | 1.90 | 20.89 | 30.21 |
| 44° 27.681' N | 068° 26.563' W | 0 | 0.00 | N.A. | | 15:24:03 | 2.08 | 20.88 | 30.22 |
| 44° 27.675' N | 068° 26.563' W | 0.001 | 0.00 | N.A. | | 15:24:09 | 1.89 | 20.94 | 30.20 |

| Latitude | Longitude | Concentration (ppb) | | Dilution | <---Fluorometer CTD Sensor---> | Time CTD | Depth (feet) | Temp. (Celsius) | Salinity (psu) |
|---------------|----------------|---------------------|-----------|----------|-----------------------------------|-------------|-----------------|--------------------|-------------------|
| | | Field | Corrected | | | | | | |
| 44° 27.669' N | 068° 26.564' W | 0.003 | 0.00 | N.A. | | 15:24:15 | 2.03 | 20.93 | 30.20 |
| 44° 27.664' N | 068° 26.564' W | 0.003 | 0.00 | N.A. | | 15:24:21 | 2.30 | 20.90 | 30.20 |
| 44° 27.659' N | 068° 26.563' W | 0.005 | 0.01 | 234,200 | | 15:24:27 | 2.08 | 20.92 | 30.20 |
| 44° 27.652' N | 068° 26.563' W | 0.004 | 0.00 | N.A. | | 15:24:33 | 2.11 | 20.94 | 30.20 |
| 44° 27.646' N | 068° 26.562' W | 0 | 0.00 | N.A. | | 15:24:39 | 2.05 | 20.95 | 30.19 |
| 44° 27.641' N | 068° 26.561' W | 0.002 | 0.00 | N.A. | | 15:24:45 | 2.09 | 20.93 | 30.20 |
| 44° 27.635' N | 068° 26.562' W | 0 | 0.00 | N.A. | | 15:24:51 | 2.17 | 20.89 | 30.21 |
| 44° 27.629' N | 068° 26.562' W | 0.004 | 0.00 | N.A. | | 15:24:57 | 2.06 | 20.90 | 30.21 |
| 44° 27.624' N | 068° 26.562' W | 0.002 | 0.00 | N.A. | | 15:25:03 | 2.06 | 20.92 | 30.21 |
| 44° 27.618' N | 068° 26.561' W | 0 | 0.00 | N.A. | | 15:25:09 | 2.10 | 20.91 | 30.21 |
| 44° 27.613' N | 068° 26.561' W | 0 | 0.00 | N.A. | | 15:25:15 | 2.26 | 20.93 | 30.21 |
| 44° 27.607' N | 068° 26.561' W | 0.003 | 0.00 | N.A. | | 15:25:21 | 1.97 | 20.94 | 30.21 |
| 44° 27.601' N | 068° 26.560' W | 0.008 | 0.01 | 146,375 | | 15:25:27 | 2.11 | 20.95 | 30.21 |
| 44° 27.595' N | 068° 26.559' W | 0.003 | 0.00 | N.A. | | 15:25:33 | 2.12 | 20.96 | 30.21 |
| 44° 27.589' N | 068° 26.558' W | 0.003 | 0.00 | N.A. | | 15:25:39 | 2.13 | 21.01 | 30.20 |
| 44° 27.584' N | 068° 26.558' W | 0 | 0.00 | N.A. | | 15:25:45 | 1.93 | 21.03 | 30.20 |
| 44° 27.577' N | 068° 26.558' W | 0 | 0.00 | N.A. | | 15:25:51 | 2.12 | 21.04 | 30.19 |
| 44° 27.571' N | 068° 26.557' W | 0.002 | 0.00 | N.A. | | 15:25:57 | 2.06 | 20.98 | 30.21 |
| 44° 27.566' N | 068° 26.557' W | 0.002 | 0.00 | N.A. | | 15:26:03 | 2.08 | 20.94 | 30.22 |
| 44° 27.560' N | 068° 26.556' W | 0.003 | 0.00 | N.A. | | 15:26:09 | 2.24 | 20.98 | 30.21 |
| 44° 27.554' N | 068° 26.555' W | 0.004 | 0.00 | N.A. | | 15:26:15 | 2.00 | 20.97 | 30.22 |
| 44° 27.549' N | 068° 26.555' W | 0.002 | 0.00 | N.A. | | 15:26:21 | 1.92 | 20.92 | 30.23 |
| 44° 27.544' N | 068° 26.553' W | 0.003 | 0.00 | N.A. | | 15:26:27 | 1.92 | 20.90 | 30.24 |
| 44° 27.538' N | 068° 26.552' W | 0.003 | 0.00 | N.A. | | 15:26:33 | 2.12 | 20.89 | 30.24 |
| 44° 27.532' N | 068° 26.552' W | 0.003 | 0.00 | N.A. | | 15:26:39 | 2.17 | 20.89 | 30.23 |
| 44° 27.526' N | 068° 26.552' W | -0.001 | 0.00 | N.A. | | 15:26:45 | 2.04 | 20.89 | 30.23 |
| 44° 27.520' N | 068° 26.552' W | 0.002 | 0.00 | N.A. | | 15:26:51 | 1.99 | 20.88 | 30.24 |
| 44° 27.514' N | 068° 26.553' W | 0 | 0.00 | N.A. | | 15:26:57 | 2.13 | 20.87 | 30.23 |
| 44° 27.509' N | 068° 26.554' W | 0.002 | 0.00 | N.A. | | 15:27:03 | 2.08 | 20.84 | 30.24 |
| 44° 27.504' N | 068° 26.554' W | 0.002 | 0.00 | N.A. | | 15:27:09 | 2.02 | 20.85 | 30.24 |
| 44° 27.499' N | 068° 26.554' W | 0 | 0.00 | N.A. | | 15:27:15 | 2.03 | 20.88 | 30.24 |
| 44° 27.493' N | 068° 26.554' W | 0.002 | 0.00 | N.A. | | 15:27:21 | 2.04 | 20.87 | 30.24 |
| 44° 27.487' N | 068° 26.554' W | 0 | 0.00 | N.A. | | 15:27:27 | 2.02 | 20.84 | 30.25 |
| 44° 27.481' N | 068° 26.554' W | 0 | 0.00 | N.A. | | 15:27:33 | 2.04 | 20.85 | 30.24 |
| 44° 27.476' N | 068° 26.554' W | 0.001 | 0.00 | N.A. | | 15:27:39 | 2.19 | 20.84 | 30.24 |
| 44° 27.471' N | 068° 26.554' W | 0 | 0.00 | N.A. | | 15:27:45 | 2.01 | 20.85 | 30.24 |
| 44° 27.465' N | 068° 26.554' W | 0 | 0.00 | N.A. | | 15:27:51 | 1.91 | 20.87 | 30.24 |
| 44° 27.459' N | 068° 26.554' W | 0 | 0.00 | N.A. | | 15:27:57 | 2.09 | 20.87 | 30.24 |

8/08/01 Ellsworth, ME wastewater hydrography

0.00 ppb Background

| <u>Latitude</u> | <u>Longitude</u> | <u>Concentration (ppb)</u> | <u>Dilution</u> | <u>Time</u> | <u>Depth (feet)</u> | <u>Temp. (Celsius)</u> | <u>Salinity (psu)</u> |
|-----------------|------------------|-------------------------------|-------------------------------------|-------------|---------------------|------------------------|-----------------------|
| | | <u>Field</u> <u>Corrected</u> | <----Fluorometer CTD Sensor----> | <u>CTD</u> | | | |
| 44° 27.453' N | 068° 26.554' W | 0 0.00 | N.A. | 15:28:03 | 2.10 | 20.85 | 30.24 |
| 44° 27.448' N | 068° 26.554' W | 0.005 0.01 | 234,200 | 15:28:09 | 2.03 | 20.86 | 30.24 |
| 44° 27.442' N | 068° 26.553' W | 0.002 0.00 | N.A. | 15:28:15 | 2.00 | 20.90 | 30.23 |
| 44° 27.436' N | 068° 26.553' W | -0.001 0.00 | N.A. | 15:28:21 | 2.04 | 20.87 | 30.24 |
| 44° 27.431' N | 068° 26.553' W | 0.002 0.00 | N.A. | 15:28:27 | 1.99 | 20.88 | 30.24 |
| 44° 27.425' N | 068° 26.553' W | 0 0.00 | N.A. | 15:28:33 | 1.94 | 20.87 | 30.24 |
| 44° 27.419' N | 068° 26.552' W | 0.004 0.00 | N.A. | 15:28:39 | 2.06 | 20.85 | 30.25 |
| 44° 27.413' N | 068° 26.552' W | 0.002 0.00 | N.A. | 15:28:45 | 2.01 | 20.91 | 30.23 |
| 44° 27.408' N | 068° 26.552' W | 0.001 0.00 | N.A. | 15:28:51 | 2.21 | 20.93 | 30.23 |
| 44° 27.402' N | 068° 26.551' W | 0 0.00 | N.A. | 15:28:57 | 2.08 | 20.92 | 30.23 |
| 44° 27.396' N | 068° 26.551' W | 0 0.00 | N.A. | 15:29:03 | 2.08 | 20.92 | 30.23 |
| 44° 27.390' N | 068° 26.551' W | 0.001 0.00 | N.A. | 15:29:09 | 2.07 | 20.91 | 30.24 |
| 44° 27.384' N | 068° 26.551' W | 0.001 0.00 | N.A. | 15:29:15 | 2.01 | 20.91 | 30.23 |
| 44° 27.378' N | 068° 26.551' W | 0.003 0.00 | N.A. | 15:29:21 | 1.99 | 20.86 | 30.25 |
| 44° 27.372' N | 068° 26.552' W | 0.001 0.00 | N.A. | 15:29:27 | 2.19 | 20.88 | 30.24 |
| 44° 27.366' N | 068° 26.552' W | 0 0.00 | N.A. | 15:29:33 | 1.95 | 20.88 | 30.24 |
| 44° 27.360' N | 068° 26.552' W | 0.001 0.00 | N.A. | 15:29:39 | 2.06 | 20.88 | 30.24 |
| 44° 27.355' N | 068° 26.552' W | 0.002 0.00 | N.A. | 15:29:45 | 2.17 | 20.89 | 30.24 |
| 44° 27.349' N | 068° 26.552' W | 0.002 0.00 | N.A. | 15:29:51 | 2.13 | 20.95 | 30.23 |
| 44° 27.343' N | 068° 26.551' W | 0 0.00 | N.A. | 15:29:57 | 2.00 | 20.89 | 30.25 |
| 44° 27.337' N | 068° 26.551' W | 0.002 0.00 | N.A. | 15:30:03 | 1.91 | 20.91 | 30.24 |
| 44° 27.332' N | 068° 26.550' W | 0 0.00 | N.A. | 15:30:09 | 1.99 | 20.95 | 30.22 |
| 44° 27.326' N | 068° 26.548' W | 0 0.00 | N.A. | 15:30:15 | 2.18 | 20.92 | 30.23 |
| 44° 27.321' N | 068° 26.547' W | 0 0.00 | N.A. | 15:30:21 | 2.10 | 20.91 | 30.24 |
| 44° 27.315' N | 068° 26.547' W | 0 0.00 | N.A. | 15:30:27 | 2.22 | 20.91 | 30.24 |
| 44° 27.309' N | 068° 26.548' W | 0.001 0.00 | N.A. | 15:30:33 | 2.04 | 20.90 | 30.24 |
| 44° 27.304' N | 068° 26.550' W | 0.002 0.00 | N.A. | 15:30:39 | 2.02 | 20.88 | 30.25 |
| 44° 27.298' N | 068° 26.552' W | 0 0.00 | N.A. | 15:30:45 | 2.10 | 20.86 | 30.26 |
| 44° 27.292' N | 068° 26.553' W | 0.002 0.00 | N.A. | 15:30:51 | 2.07 | 20.83 | 30.28 |
| 44° 27.286' N | 068° 26.555' W | 0.002 0.00 | N.A. | 15:30:57 | 2.00 | 20.79 | 30.29 |
| 44° 27.280' N | 068° 26.556' W | 0.003 0.00 | N.A. | 15:31:03 | 2.04 | 20.79 | 30.29 |
| 44° 27.274' N | 068° 26.557' W | 0 0.00 | N.A. | 15:31:09 | 1.95 | 20.76 | 30.30 |
| 44° 27.269' N | 068° 26.557' W | 0 0.00 | N.A. | 15:31:15 | 1.89 | 20.75 | 30.31 |
| 44° 27.264' N | 068° 26.556' W | 0 0.00 | N.A. | 15:31:21 | 2.17 | 20.72 | 30.31 |
| 44° 27.258' N | 068° 26.557' W | 0 0.00 | N.A. | 15:31:27 | 2.07 | 20.73 | 30.31 |
| 44° 27.252' N | 068° 26.557' W | -0.004 0.00 | N.A. | 15:31:33 | 2.12 | 20.70 | 30.32 |
| 44° 27.246' N | 068° 26.557' W | -0.003 0.00 | N.A. | 15:31:39 | 2.02 | 20.75 | 30.32 |
| 44° 27.241' N | 068° 26.557' W | -0.002 0.00 | N.A. | 15:31:45 | 2.02 | 20.74 | 30.32 |

8/08/01 Ellsworth, ME wastewater hydrography

0.00 ppb Background

| <u>Latitude</u> | <u>Longitude</u> | <u>Concentration (ppb)</u> | <u>Dilution</u> | <---Fluorometer CTD Sensor---> | <u>Time</u> | <u>Depth</u> | <u>Temp.</u> | <u>Salinity</u> |
|-----------------|------------------|-------------------------------|-----------------|-----------------------------------|-------------|---------------|------------------|-----------------|
| | | <u>Field</u> <u>Corrected</u> | | | <u>CTD</u> | <u>(feet)</u> | <u>(Celsius)</u> | <u>(psu)</u> |
| 44° 27.235' N | 068° 26.558' W | -0.004 | 0.00 | N.A. | 15:31:51 | 2.03 | 20.73 | 30.32 |
| 44° 27.229' N | 068° 26.559' W | -0.004 | 0.00 | N.A. | 15:31:57 | 1.94 | 20.77 | 30.31 |
| 44° 27.224' N | 068° 26.559' W | -0.001 | 0.00 | N.A. | 15:32:03 | 1.99 | 20.89 | 30.28 |
| 44° 27.216' N | 068° 26.558' W | -0.003 | 0.00 | N.A. | 15:32:09 | 2.03 | 20.90 | 30.28 |
| 44° 27.213' N | 068° 26.558' W | -0.003 | 0.00 | N.A. | 15:32:15 | 2.08 | 20.94 | 30.26 |

8/08/01 Ellsworth, ME wastewater hydrography

0.00 ppb Background

| <u>Latitude</u> | <u>Longitude</u> | <u>Field Concentration (ppb)</u> | <u>Dilution</u> | <----Fluorometer CTD Sensor----> | <u>Time</u> CTD | <u>Depth</u> (feet) | <u>Temp.</u> (Celsius) | <u>Salinity</u> (psu) |
|-----------------|------------------|----------------------------------|-----------------|-------------------------------------|--------------------|------------------------|---------------------------|--------------------------|
| 44° 28.729' N | 068° 27.253' W | 0.043 | 27,233 | | 15:44:15 | 3.88 | 21.01 | 29.74 |
| 44° 28.728' N | 068° 27.253' W | 0.044 | 26,614 | | 15:44:21 | 3.89 | 20.99 | 29.74 |
| 44° 28.726' N | 068° 27.252' W | 0.044 | 26,614 | | 15:44:27 | 3.84 | 21.00 | 29.74 |
| 44° 28.725' N | 068° 27.251' W | 0.045 | 26,022 | | 15:44:33 | 3.76 | 20.99 | 29.75 |
| 44° 28.723' N | 068° 27.250' W | 0.044 | 26,614 | | 15:44:39 | 3.82 | 20.99 | 29.76 |
| 44° 28.720' N | 068° 27.250' W | 0.043 | 27,233 | | 15:44:45 | 3.90 | 20.98 | 29.75 |
| 44° 28.719' N | 068° 27.250' W | 0.045 | 26,022 | | 15:44:51 | 3.69 | 20.94 | 29.78 |
| 44° 28.717' N | 068° 27.251' W | 0.043 | 27,233 | | 15:44:57 | 3.69 | 20.95 | 29.79 |
| 44° 28.715' N | 068° 27.252' W | 0.043 | 27,233 | | 15:45:03 | 4.15 | 20.92 | 29.80 |
| 44° 28.714' N | 068° 27.253' W | 0.041 | 28,561 | | 15:45:09 | 5.37 | 20.83 | 29.85 |
| 44° 28.712' N | 068° 27.254' W | 0.042 | 27,881 | | 15:45:15 | 7.40 | 20.78 | 29.91 |
| 44° 28.712' N | 068° 27.253' W | 0.04 | 29,275 | | 15:45:21 | 7.28 | 20.78 | 29.90 |
| 44° 28.711' N | 068° 27.251' W | 0.041 | 28,561 | | 15:45:27 | 7.23 | 20.79 | 29.89 |
| 44° 28.710' N | 068° 27.249' W | 0.037 | 31,649 | | 15:45:33 | 7.07 | 20.79 | 29.88 |
| 44° 28.709' N | 068° 27.247' W | 0.035 | 33,457 | | 15:45:39 | 7.26 | 20.78 | 29.88 |
| 44° 28.707' N | 068° 27.247' W | 0.034 | 34,441 | | 15:45:45 | 7.25 | 20.79 | 29.88 |
| 44° 28.706' N | 068° 27.247' W | 0.032 | 36,594 | | 15:45:51 | 7.56 | 20.80 | 29.89 |
| 44° 28.704' N | 068° 27.248' W | 0.034 | 34,441 | | 15:45:57 | 7.42 | 20.80 | 29.89 |
| 44° 28.702' N | 068° 27.249' W | 0.036 | 32,528 | | 15:46:03 | 7.36 | 20.83 | 29.87 |
| 44° 28.701' N | 068° 27.248' W | 0.034 | 34,441 | | 15:46:09 | 7.55 | 20.82 | 29.87 |
| 44° 28.699' N | 068° 27.249' W | 0.033 | 35,485 | | 15:46:15 | 9.87 | 20.73 | 29.92 |
| 44° 28.697' N | 068° 27.250' W | 0.034 | 34,441 | | 15:46:21 | 9.86 | 20.72 | 29.94 |
| 44° 28.697' N | 068° 27.249' W | 0.035 | 33,457 | | 15:46:27 | 10.19 | 20.72 | 29.94 |
| 44° 28.696' N | 068° 27.248' W | 0.036 | 32,528 | | 15:46:33 | 10.00 | 20.72 | 29.95 |
| 44° 28.695' N | 068° 27.247' W | 0.034 | 34,441 | | 15:46:39 | 9.54 | 20.72 | 29.94 |
| 44° 28.694' N | 068° 27.245' W | 0.035 | 33,457 | | 15:46:45 | 9.70 | 20.74 | 29.93 |
| 44° 28.692' N | 068° 27.244' W | 0.033 | 35,485 | | 15:46:51 | 9.69 | 20.73 | 29.95 |
| 44° 28.691' N | 068° 27.243' W | 0.029 | 40,379 | | 15:46:57 | 9.89 | 20.73 | 29.95 |
| 44° 28.690' N | 068° 27.241' W | 0.031 | 37,774 | | 15:47:03 | 10.15 | 20.73 | 29.95 |
| 44° 28.689' N | 068° 27.241' W | 0.031 | 37,774 | | 15:47:09 | 10.18 | 20.73 | 29.94 |
| 44° 28.687' N | 068° 27.241' W | 0.028 | 41,821 | | 15:47:15 | 10.15 | 20.73 | 29.94 |
| 44° 28.686' N | 068° 27.241' W | 0.028 | 41,821 | | 15:47:21 | 10.14 | 20.72 | 29.96 |
| 44° 28.685' N | 068° 27.241' W | 0.029 | 40,379 | | 15:47:27 | 11.91 | 20.56 | 30.02 |
| 44° 28.684' N | 068° 27.241' W | 0.028 | 41,821 | | 15:47:33 | 12.43 | 20.55 | 30.01 |
| 44° 28.683' N | 068° 27.241' W | 0.03 | 39,033 | | 15:47:39 | 12.68 | 20.43 | 30.09 |
| 44° 28.682' N | 068° 27.240' W | 0.029 | 40,379 | | 15:47:45 | 14.69 | 18.36 | 30.65 |
| 44° 28.681' N | 068° 27.239' W | 0.027 | 43,370 | | 15:47:51 | 15.11 | 17.53 | 30.97 |
| 44° 28.681' N | 068° 27.238' W | 0.025 | 46,840 | | 15:47:57 | 14.41 | 19.84 | 30.26 |

| Latitude | Longitude | Concentration (ppb) | | Dilu- tion | <----Fluorometer CTD Sensor--> | Time CTD | Depth (feet) | Temp. (Celsius) | Salinity (psu) |
|---------------|----------------|---------------------|-----------|---------------|-----------------------------------|-------------|-----------------|--------------------|-------------------|
| | | Field | Corrected | | | | | | |
| 44° 28.680' N | 068° 27.236' W | 0.027 | 0.03 | 43,370 | | 15:48:03 | 13.69 | 20.24 | 30.14 |
| 44° 28.680' N | 068° 27.233' W | 0.025 | 0.03 | 46,840 | | 15:48:09 | 13.74 | 20.19 | 30.11 |
| 44° 28.679' N | 068° 27.231' W | 0.022 | 0.02 | 53,227 | | 15:48:15 | 14.01 | 19.98 | 30.21 |
| 44° 28.678' N | 068° 27.230' W | 0.016 | 0.02 | 73,188 | | 15:48:21 | 13.71 | 19.55 | 30.35 |
| 44° 28.677' N | 068° 27.229' W | 0.019 | 0.02 | 61,632 | | 15:48:27 | 14.38 | 19.56 | 30.36 |
| 44° 28.676' N | 068° 27.227' W | 0.018 | 0.02 | 65,056 | | 15:48:33 | 14.18 | 19.34 | 30.34 |
| 44° 28.675' N | 068° 27.225' W | 0.019 | 0.02 | 61,632 | | 15:48:39 | 14.13 | 19.90 | 30.23 |
| 44° 28.675' N | 068° 27.223' W | 0.018 | 0.02 | 65,056 | | 15:48:45 | 14.27 | 19.71 | 30.27 |
| 44° 28.674' N | 068° 27.221' W | 0.017 | 0.02 | 68,882 | | 15:48:51 | 14.15 | 20.08 | 30.22 |
| 44° 28.674' N | 068° 27.220' W | 0.014 | 0.01 | 83,643 | | 15:48:57 | 13.81 | 20.13 | 30.22 |
| 44° 28.672' N | 068° 27.220' W | 0.016 | 0.02 | 73,188 | | 15:49:03 | 13.76 | 20.23 | 30.21 |
| 44° 28.671' N | 068° 27.220' W | 0.016 | 0.02 | 73,188 | | 15:49:09 | 13.65 | 20.15 | 30.23 |
| 44° 28.670' N | 068° 27.220' W | 0.016 | 0.02 | 73,188 | | 15:49:15 | 13.74 | 20.05 | 30.24 |
| 44° 28.669' N | 068° 27.220' W | 0.016 | 0.02 | 73,188 | | 15:49:21 | 13.60 | 20.17 | 30.23 |
| 44° 28.667' N | 068° 27.220' W | 0.019 | 0.02 | 61,632 | | 15:49:27 | 13.60 | 20.19 | 30.24 |
| 44° 28.666' N | 068° 27.219' W | 0.021 | 0.02 | 55,762 | | 15:49:33 | 13.88 | 20.21 | 30.22 |
| 44° 28.664' N | 068° 27.219' W | 0.017 | 0.02 | 68,882 | | 15:49:39 | 14.57 | 19.94 | 30.24 |
| 44° 28.663' N | 068° 27.219' W | 0.018 | 0.02 | 65,056 | | 15:49:45 | 14.91 | 17.99 | 30.85 |
| 44° 28.661' N | 068° 27.218' W | 0.015 | 0.02 | 78,067 | | 15:49:51 | 15.10 | 17.84 | 30.97 |
| 44° 28.660' N | 068° 27.218' W | 0.016 | 0.02 | 73,188 | | 15:49:57 | 15.61 | 17.86 | 30.90 |
| 44° 28.658' N | 068° 27.218' W | 0.015 | 0.02 | 78,067 | | 15:50:03 | 17.42 | 16.54 | 30.95 |
| 44° 28.657' N | 068° 27.218' W | 0.013 | 0.01 | 90,077 | | 15:50:09 | 17.10 | 17.18 | 31.01 |
| 44° 28.655' N | 068° 27.218' W | 0.012 | 0.01 | 97,583 | | 15:50:15 | 18.23 | 16.74 | 30.94 |
| 44° 28.655' N | 068° 27.217' W | 0.013 | 0.01 | 90,077 | | 15:50:21 | 16.85 | 17.41 | 30.98 |
| 44° 28.654' N | 068° 27.216' W | 0.012 | 0.01 | 97,583 | | 15:50:27 | 17.08 | 17.08 | 31.05 |
| 44° 28.653' N | 068° 27.214' W | -0.005 | 0.00 | N.A. | | 15:50:33 | 16.86 | 16.98 | 31.04 |
| 44° 28.652' N | 068° 27.213' W | -0.01 | 0.00 | N.A. | | 15:50:39 | 16.63 | 17.22 | 31.05 |
| 44° 28.650' N | 068° 27.212' W | -0.013 | 0.00 | N.A. | | 15:50:45 | 16.66 | 17.40 | 30.99 |
| 44° 28.649' N | 068° 27.212' W | -0.016 | 0.00 | N.A. | | 15:50:51 | 16.78 | 17.42 | 30.98 |
| 44° 28.648' N | 068° 27.212' W | -0.013 | 0.00 | N.A. | | 15:50:57 | 16.55 | 17.47 | 30.98 |
| 44° 28.647' N | 068° 27.211' W | -0.016 | 0.00 | N.A. | | 15:51:03 | 12.97 | 20.37 | 30.22 |
| 44° 28.646' N | 068° 27.210' W | -0.015 | 0.00 | N.A. | | 15:51:09 | 5.88 | 20.61 | 30.05 |
| 44° 28.644' N | 068° 27.211' W | -0.009 | 0.00 | N.A. | | 15:51:15 | 0.80 | 20.62 | 30.04 |
| 44° 28.642' N | 068° 27.212' W | -0.008 | 0.00 | N.A. | | 15:51:21 | 0.70 | 20.61 | 30.06 |
| 44° 28.640' N | 068° 27.212' W | -0.003 | 0.00 | N.A. | | 15:51:27 | 0.67 | 20.57 | 30.07 |
| 44° 28.638' N | 068° 27.214' W | 0.005 | 0.01 | 234,200 | | 15:51:33 | 0.66 | 20.57 | 30.08 |
| 44° 28.635' N | 068° 27.215' W | 0.018 | 0.02 | 65,056 | | 15:51:39 | 0.57 | 20.55 | 30.11 |
| 44° 28.634' N | 068° 27.218' W | 0.022 | 0.02 | 53,227 | | 15:51:45 | 0.54 | 20.53 | 30.13 |

8/08/01 Ellsworth, ME wastewater hydrography

0.00 ppb Background

| <u>Latitude</u> | <u>Longitude</u> | <u>Concentration (ppb)</u> | <u>Dilution</u> | <u>Time</u> | <u>Depth (feet)</u> | <u>Temp. (Celsius)</u> | <u>Salinity (psu)</u> |
|-----------------|------------------|----------------------------|-----------------|-------------|---------------------|------------------------|-----------------------|
| 44° 28.633' N | 068° 27.221' W | 0.023 | 50,913 | 15:51:51 | 0.79 | 20.54 | 30.12 |
| 44° 28.632' N | 068° 27.224' W | 0.022 | 53,227 | 15:51:57 | 0.53 | 20.52 | 30.12 |
| 44° 28.630' N | 068° 27.226' W | 0.023 | 50,913 | 15:52:03 | 0.63 | 20.50 | 30.12 |
| 44° 28.629' N | 068° 27.229' W | 0.02 | 58,550 | 15:52:09 | 0.73 | 20.49 | 30.12 |
| 44° 28.627' N | 068° 27.232' W | 0.02 | 58,550 | 15:52:15 | 0.67 | 20.48 | 30.13 |
| 44° 28.626' N | 068° 27.234' W | 0.021 | 55,762 | 15:52:21 | 0.59 | 20.48 | 30.13 |

<----Fluorometer
CTD Sensor---->

| Latitude | Longitude | Concentration (ppb) | | Dilu- tion | ←----Fluorometer CTD Sensor----> | Time CTD | Depth (feet) | Temp. (Celsius) | Salinity (psu) |
|---------------|----------------|---------------------|-----------|---------------|-------------------------------------|-------------|-----------------|--------------------|-------------------|
| | | Field | Corrected | | | | | | |
| 44° 28.877' N | 068° 27.951' W | 0.101 | 0.10 | 11,594 | | 16:03:09 | 1.87 | 21.45 | 29.03 |
| 44° 28.877' N | 068° 27.946' W | 0.112 | 0.11 | 10,455 | | 16:03:15 | 1.96 | 21.48 | 29.01 |
| 44° 28.878' N | 068° 27.939' W | 0.173 | 0.17 | 6,769 | | 16:03:21 | 2.02 | 21.50 | 29.00 |
| 44° 28.878' N | 068° 27.932' W | 0.105 | 0.11 | 11,152 | | 16:03:27 | 2.05 | 21.50 | 28.99 |
| 44° 28.879' N | 068° 27.925' W | 0.1 | 0.10 | 11,710 | | 16:03:33 | 1.97 | 21.50 | 29.00 |
| 44° 28.879' N | 068° 27.918' W | 0.104 | 0.10 | 11,260 | | 16:03:39 | 2.09 | 21.50 | 29.01 |
| 44° 28.879' N | 068° 27.910' W | 0.114 | 0.11 | 10,272 | | 16:03:45 | 2.00 | 21.47 | 29.02 |
| 44° 28.880' N | 068° 27.903' W | 0.106 | 0.11 | 11,047 | | 16:03:51 | 2.01 | 21.44 | 29.05 |
| 44° 28.880' N | 068° 27.896' W | 0.103 | 0.10 | 11,369 | | 16:03:57 | 1.99 | 21.43 | 29.07 |
| 44° 28.881' N | 068° 27.888' W | 0.104 | 0.10 | 11,260 | | 16:04:03 | 1.90 | 21.45 | 29.05 |
| 44° 28.882' N | 068° 27.881' W | 0.101 | 0.10 | 11,594 | | 16:04:09 | 2.04 | 21.46 | 29.05 |
| 44° 28.882' N | 068° 27.874' W | 0.103 | 0.10 | 11,369 | | 16:04:15 | 1.91 | 21.47 | 29.05 |
| 44° 28.882' N | 068° 27.866' W | 0.101 | 0.10 | 11,594 | | 16:04:21 | 1.90 | 21.46 | 29.05 |
| 44° 28.881' N | 068° 27.856' W | 0.099 | 0.10 | 11,828 | | 16:04:27 | 1.86 | 21.48 | 29.04 |
| 44° 28.881' N | 068° 27.847' W | 0.099 | 0.10 | 11,828 | | 16:04:33 | 1.88 | 21.45 | 29.06 |
| 44° 28.882' N | 068° 27.838' W | 0.101 | 0.10 | 11,594 | | 16:04:39 | 1.84 | 21.46 | 29.06 |
| 44° 28.882' N | 068° 27.829' W | 0.1 | 0.10 | 11,710 | | 16:04:45 | 1.84 | 21.44 | 29.08 |
| 44° 28.884' N | 068° 27.819' W | 0.101 | 0.10 | 11,594 | | 16:04:51 | 1.88 | 21.44 | 29.09 |
| 44° 28.885' N | 068° 27.810' W | 0.105 | 0.11 | 11,152 | | 16:04:57 | 2.03 | 21.43 | 29.11 |
| 44° 28.885' N | 068° 27.800' W | 0.103 | 0.10 | 11,369 | | 16:05:03 | 1.90 | 21.45 | 29.11 |
| 44° 28.886' N | 068° 27.791' W | 0.1 | 0.10 | 11,710 | | 16:05:09 | 2.03 | 21.47 | 29.09 |
| 44° 28.886' N | 068° 27.782' W | 0.1 | 0.10 | 11,710 | | 16:05:15 | 1.87 | 21.47 | 29.10 |
| 44° 28.885' N | 068° 27.773' W | 0.097 | 0.10 | 12,072 | | 16:05:21 | 1.93 | 21.44 | 29.12 |
| 44° 28.885' N | 068° 27.764' W | 0.104 | 0.10 | 11,260 | | 16:05:27 | 1.96 | 21.43 | 29.15 |
| 44° 28.885' N | 068° 27.755' W | 0.135 | 0.14 | 8,674 | | 16:05:33 | 2.01 | 21.46 | 29.13 |
| 44° 28.886' N | 068° 27.745' W | 0.114 | 0.11 | 10,272 | | 16:05:39 | 1.85 | 21.46 | 29.13 |
| 44° 28.886' N | 068° 27.736' W | 0.102 | 0.10 | 11,480 | | 16:05:45 | 1.89 | 21.45 | 29.15 |
| 44° 28.886' N | 068° 27.727' W | 0.096 | 0.10 | 12,198 | | 16:05:51 | 1.80 | 21.44 | 29.16 |
| 44° 28.885' N | 068° 27.718' W | 0.095 | 0.10 | 12,326 | | 16:05:57 | 1.90 | 21.45 | 29.16 |
| 44° 28.885' N | 068° 27.709' W | 0.1 | 0.10 | 11,710 | | 16:06:03 | 1.80 | 21.45 | 29.17 |
| 44° 28.885' N | 068° 27.699' W | 0.095 | 0.10 | 12,326 | | 16:06:09 | 1.88 | 21.44 | 29.18 |
| 44° 28.887' N | 068° 27.687' W | 0.102 | 0.10 | 11,480 | | 16:06:15 | 1.96 | 21.44 | 29.19 |
| 44° 28.887' N | 068° 27.680' W | 0.091 | 0.09 | 12,868 | | 16:06:21 | 1.90 | 21.38 | 29.25 |
| 44° 28.888' N | 068° 27.671' W | 0.09 | 0.09 | 13,011 | | 16:06:27 | 1.85 | 21.31 | 29.34 |
| 44° 28.889' N | 068° 27.661' W | 0.095 | 0.10 | 12,326 | | 16:06:33 | 1.83 | 21.33 | 29.33 |
| 44° 28.889' N | 068° 27.652' W | 0.091 | 0.09 | 12,868 | | 16:06:39 | 1.85 | 21.32 | 29.35 |
| 44° 28.890' N | 068° 27.643' W | 0.092 | 0.09 | 12,728 | | 16:06:45 | 1.93 | 21.20 | 29.50 |
| 44° 28.890' N | 068° 27.633' W | 0.09 | 0.09 | 13,011 | | 16:06:51 | 1.70 | 21.20 | 29.52 |

8/08/01 Ellsworth, ME wastewater hydrography

0.00 ppb Background

| <u>Latitude</u> | <u>Longitude</u> | <u>Concentration (ppb)</u> | <u>Dilu-</u> | <u><----Fluorometer</u> | <u>Time</u> | <u>Depth</u> | <u>Temp.</u> | <u>Salinity</u> |
|-----------------|------------------|-------------------------------|--------------|----------------------------|-------------|---------------|------------------|-----------------|
| | | <u>Field</u> <u>Corrected</u> | <u>tion</u> | <u>CTD Sensor----</u> | <u>CTD</u> | <u>(feet)</u> | <u>(Celsius)</u> | <u>(psu)</u> |
| 44° 28.889' N | 068° 27.625' W | 0.087 0.09 | 13,460 | | 16:06:57 | 1.73 | 21.20 | 29.51 |
| 44° 28.889' N | 068° 27.616' W | 0.077 0.08 | 15,208 | | 16:07:03 | 2.01 | 21.19 | 29.52 |
| 44° 28.888' N | 068° 27.607' W | 0.076 0.08 | 15,408 | | 16:07:09 | 2.08 | 21.20 | 29.52 |
| 44° 28.888' N | 068° 27.599' W | 0.07 0.07 | 16,729 | | 16:07:15 | 1.90 | 21.24 | 29.53 |
| 44° 28.888' N | 068° 27.590' W | 0.065 0.07 | 18,015 | | 16:07:21 | 1.84 | 21.26 | 29.51 |
| 44° 28.888' N | 068° 27.581' W | 0.066 0.07 | 17,742 | | 16:07:27 | 1.96 | 21.29 | 29.48 |
| 44° 28.888' N | 068° 27.572' W | 0.072 0.07 | 16,264 | | 16:07:33 | 1.84 | 21.37 | 29.46 |
| 44° 28.888' N | 068° 27.564' W | 0.092 0.09 | 12,728 | | 16:07:39 | 1.89 | 21.42 | 29.42 |
| 44° 28.889' N | 068° 27.555' W | 0.087 0.09 | 13,460 | | 16:07:45 | 1.84 | 21.43 | 29.41 |
| 44° 28.888' N | 068° 27.546' W | 0.077 0.08 | 15,208 | | 16:07:51 | 1.98 | 21.44 | 29.41 |
| 44° 28.888' N | 068° 27.537' W | 0.084 0.08 | 13,940 | | 16:07:57 | 1.91 | 21.44 | 29.42 |
| 44° 28.889' N | 068° 27.528' W | 0.079 0.08 | 14,823 | | 16:08:03 | 1.96 | 21.51 | 29.34 |
| 44° 28.888' N | 068° 27.520' W | 0.074 0.07 | 15,824 | | 16:08:09 | 1.77 | 21.89 | 29.06 |
| 44° 28.888' N | 068° 27.511' W | 0.072 0.07 | 16,264 | | 16:08:15 | 1.79 | 21.88 | 29.06 |
| 44° 28.888' N | 068° 27.503' W | 0.079 0.08 | 14,823 | | 16:08:21 | 1.97 | 22.15 | 28.85 |
| 44° 28.889' N | 068° 27.495' W | 0.092 0.09 | 12,728 | | 16:08:27 | 1.90 | 22.44 | 28.56 |
| 44° 28.888' N | 068° 27.487' W | 0.075 0.08 | 15,613 | | 16:08:33 | 1.92 | 22.53 | 28.50 |
| 44° 28.888' N | 068° 27.478' W | 0.114 0.11 | 10,272 | | 16:08:39 | 2.05 | 22.20 | 28.75 |
| 44° 28.888' N | 068° 27.470' W | 0.127 0.13 | 9,220 | | 16:08:45 | 1.82 | 22.47 | 28.55 |
| 44° 28.888' N | 068° 27.461' W | 0.119 0.12 | 9,840 | | 16:08:51 | 1.91 | 22.57 | 28.47 |
| 44° 28.888' N | 068° 27.453' W | 0.152 0.15 | 7,704 | | 16:08:57 | 1.93 | 22.57 | 28.44 |
| 44° 28.888' N | 068° 27.444' W | 0.142 0.14 | 8,246 | | 16:09:03 | 1.84 | 22.56 | 28.47 |
| 44° 28.888' N | 068° 27.436' W | 0.165 0.17 | 7,097 | | 16:09:09 | 1.92 | 22.55 | 28.47 |
| 44° 28.889' N | 068° 27.427' W | 0.159 0.16 | 7,365 | | 16:09:15 | 1.73 | 22.58 | 28.42 |
| 44° 28.890' N | 068° 27.418' W | 0.143 0.14 | 8,189 | | 16:09:21 | 1.98 | 22.60 | 28.41 |
| 44° 28.890' N | 068° 27.409' W | 0.151 0.15 | 7,755 | | 16:09:27 | 1.84 | 22.55 | 28.45 |
| 44° 28.890' N | 068° 27.400' W | 0.146 0.15 | 8,021 | | 16:09:33 | 1.85 | 22.62 | 28.37 |
| 44° 28.890' N | 068° 27.391' W | 0.144 0.14 | 8,132 | | 16:09:39 | 1.62 | 22.67 | 28.34 |
| 44° 28.890' N | 068° 27.382' W | 0.144 0.14 | 8,132 | | 16:09:45 | 1.95 | 22.67 | 28.25 |
| 44° 28.890' N | 068° 27.373' W | 0.152 0.15 | 7,704 | | 16:09:51 | 1.93 | 22.68 | 27.81 |
| 44° 28.890' N | 068° 27.366' W | 0.152 0.15 | 7,704 | | 16:09:57 | 1.65 | 22.66 | 28.11 |
| 44° 28.890' N | 068° 27.358' W | 0.158 0.16 | 7,411 | | 16:10:03 | 2.02 | 22.58 | 28.37 |
| 44° 28.890' N | 068° 27.349' W | 0.161 0.16 | 7,273 | | 16:10:09 | 1.87 | 22.68 | 28.29 |
| 44° 28.889' N | 068° 27.341' W | 0.175 0.18 | 6,691 | | 16:10:15 | 1.91 | 22.67 | 28.32 |
| 44° 28.888' N | 068° 27.333' W | 0.161 0.16 | 7,273 | | 16:10:21 | 2.01 | 22.66 | 28.34 |
| 44° 28.887' N | 068° 27.324' W | 0.247 0.25 | 4,741 | | 16:10:27 | 1.96 | 22.66 | 28.17 |
| 44° 28.887' N | 068° 27.315' W | 0.277 0.28 | 4,227 | | 16:10:33 | 1.83 | 22.68 | 28.30 |
| 44° 28.886' N | 068° 27.307' W | 0.237 0.24 | 4,941 | | 16:10:39 | 1.64 | 22.67 | 28.26 |

| Latitude | Longitude | Concentration (ppb) | Dilution | CTD Sensor--> | Time | Depth (feet) | Temp. (Celsius) | Salinity (psu) |
|---------------|----------------|---------------------|----------|---------------|----------|--------------|-----------------|----------------|
| | | Field Corrected | | | CTD | | | |
| 44° 28.886' N | 068° 27.298' W | 0.175 | 0.18 | 6,691 | 16:10:45 | 1.92 | 22.67 | 28.31 |
| 44° 28.886' N | 068° 27.290' W | 0.167 | 0.17 | 7,012 | 16:10:51 | 1.72 | 22.64 | 28.08 |
| 44° 28.885' N | 068° 27.281' W | 0.158 | 0.16 | 7,411 | 16:10:57 | 1.86 | 22.66 | 28.30 |
| 44° 28.882' N | 068° 27.273' W | 0.165 | 0.17 | 7,097 | 16:11:03 | 1.87 | 22.60 | 28.34 |
| 44° 28.880' N | 068° 27.266' W | 0.158 | 0.16 | 7,411 | 16:11:09 | 1.85 | 22.62 | 28.35 |
| 44° 28.879' N | 068° 27.258' W | 0.171 | 0.17 | 6,848 | 16:11:15 | 1.89 | 22.64 | 28.32 |
| 44° 28.880' N | 068° 27.249' W | 0.171 | 0.17 | 6,848 | 16:11:21 | 1.91 | 22.63 | 28.33 |
| 44° 28.881' N | 068° 27.241' W | 0.176 | 0.18 | 6,653 | 16:11:27 | 2.43 | 22.60 | 27.73 |
| 44° 28.882' N | 068° 27.233' W | 0.205 | 0.21 | 5,712 | 16:11:33 | 1.88 | 22.60 | 28.34 |
| 44° 28.882' N | 068° 27.224' W | 0.161 | 0.16 | 7,273 | 16:11:39 | 1.75 | 22.59 | 28.34 |
| 44° 28.882' N | 068° 27.214' W | 0.147 | 0.15 | 7,966 | 16:11:45 | 1.90 | 22.59 | 28.36 |
| 44° 28.882' N | 068° 27.206' W | 0.168 | 0.17 | 6,970 | 16:11:51 | 1.92 | 22.57 | 28.37 |
| 44° 28.882' N | 068° 27.197' W | 0.206 | 0.21 | 5,684 | 16:11:57 | 1.84 | 22.58 | 28.27 |
| 44° 28.882' N | 068° 27.188' W | 0.177 | 0.18 | 6,616 | 16:12:03 | 1.90 | 22.57 | 27.94 |
| 44° 28.882' N | 068° 27.180' W | 0.164 | 0.16 | 7,140 | 16:12:09 | 1.85 | 22.56 | 28.38 |
| 44° 28.881' N | 068° 27.171' W | 0.161 | 0.16 | 7,273 | 16:12:15 | 1.88 | 22.59 | 28.35 |
| 44° 28.881' N | 068° 27.163' W | 0.167 | 0.17 | 7,012 | 16:12:21 | 1.86 | 22.51 | 28.45 |
| 44° 28.880' N | 068° 27.154' W | 0.179 | 0.18 | 6,542 | 16:12:27 | 2.21 | 22.56 | 28.27 |
| 44° 28.880' N | 068° 27.146' W | 0.159 | 0.16 | 7,365 | 16:12:33 | 1.78 | 22.54 | 28.40 |
| 44° 28.881' N | 068° 27.137' W | 0.154 | 0.15 | 7,604 | 16:12:39 | 1.85 | 22.51 | 28.44 |
| 44° 28.881' N | 068° 27.129' W | 0.148 | 0.15 | 7,912 | 16:12:45 | 1.91 | 22.58 | 28.36 |
| 44° 28.880' N | 068° 27.120' W | 0.165 | 0.17 | 7,097 | 16:12:51 | 1.81 | 22.53 | 28.42 |
| 44° 28.880' N | 068° 27.112' W | 0.188 | 0.19 | 6,229 | 16:12:57 | 1.73 | 22.53 | 28.37 |
| 44° 28.879' N | 068° 27.103' W | 0.18 | 0.18 | 6,506 | 16:13:03 | 1.81 | 22.41 | 28.55 |
| 44° 28.878' N | 068° 27.095' W | 0.159 | 0.16 | 7,365 | 16:13:09 | 2.07 | 22.50 | 28.44 |
| 44° 28.877' N | 068° 27.086' W | 0.143 | 0.14 | 8,189 | 16:13:15 | 1.90 | 22.48 | 28.47 |
| 44° 28.877' N | 068° 27.077' W | 0.145 | 0.15 | 8,076 | 16:13:21 | 1.89 | 22.42 | 28.55 |
| 44° 28.876' N | 068° 27.069' W | 0.139 | 0.14 | 8,424 | 16:13:27 | 1.93 | 22.30 | 28.65 |
| 44° 28.874' N | 068° 27.060' W | 0.142 | 0.14 | 8,246 | 16:13:33 | 1.96 | 22.34 | 28.64 |
| 44° 28.873' N | 068° 27.052' W | 0.136 | 0.14 | 8,610 | 16:13:39 | 1.81 | 22.41 | 28.55 |
| 44° 28.873' N | 068° 27.043' W | 0.136 | 0.14 | 8,610 | 16:13:45 | 1.97 | 22.41 | 28.53 |
| 44° 28.873' N | 068° 27.035' W | 0.126 | 0.13 | 9,294 | 16:13:51 | 1.86 | 22.42 | 28.51 |
| 44° 28.872' N | 068° 27.027' W | 0.129 | 0.13 | 9,078 | 16:13:57 | 1.87 | 22.46 | 28.48 |
| 44° 28.872' N | 068° 27.018' W | 0.12 | 0.12 | 9,758 | 16:14:03 | 2.10 | 22.42 | 28.53 |
| 44° 28.871' N | 068° 27.010' W | 0.122 | 0.12 | 9,598 | 16:14:09 | 1.89 | 22.35 | 28.61 |
| 44° 28.871' N | 068° 27.001' W | 0.165 | 0.17 | 7,097 | 16:14:15 | 1.92 | 22.42 | 28.52 |
| 44° 28.871' N | 068° 26.993' W | 0.163 | 0.16 | 7,184 | 16:14:21 | 1.91 | 22.36 | 28.59 |
| 44° 28.872' N | 068° 26.985' W | 0.137 | 0.14 | 8,547 | 16:14:27 | 1.90 | 22.25 | 28.72 |

8/08/01 Ellsworth, ME wastewater hydrography

0.00 ppb Background

| <u>Latitude</u> | <u>Longitude</u> | <u>Concentration (ppb)</u> Field Corrected | <u>Dilution</u> ←----Fluorometer CTD Sensor----> | <u>Time</u> CTD | <u>Depth (feet)</u> | <u>Temp. (Celsius)</u> | <u>Salinity (psu)</u> |
|-----------------|------------------|---|--|--------------------|---------------------|------------------------|-----------------------|
| 44° 28.872' N | 068° 26.976' W | 0.129 | 9,078 | 16:14:33 | 2.08 | 22.28 | 28.69 |
| 44° 28.872' N | 068° 26.968' W | 0.121 | 9,678 | 16:14:39 | 2.29 | 22.27 | 28.64 |
| 44° 28.871' N | 068° 26.959' W | 0.12 | 9,758 | 16:14:45 | 1.96 | 22.27 | 28.69 |
| 44° 28.870' N | 068° 26.951' W | 0.124 | 9,444 | 16:14:51 | 1.90 | 22.27 | 28.70 |
| 44° 28.869' N | 068° 26.942' W | 0.126 | 9,294 | 16:14:57 | 1.72 | 22.37 | 28.58 |
| 44° 28.869' N | 068° 26.934' W | 0.117 | 10,009 | 16:15:03 | 1.98 | 22.38 | 28.56 |
| 44° 28.869' N | 068° 26.925' W | 0.125 | 9,368 | 16:15:09 | 1.84 | 22.39 | 28.55 |
| 44° 28.868' N | 068° 26.917' W | 0.13 | 9,008 | 16:15:15 | 1.92 | 22.38 | 28.52 |
| 44° 28.867' N | 068° 26.909' W | 0.115 | 10,183 | 16:15:21 | 1.79 | 22.41 | 28.52 |
| 44° 28.867' N | 068° 26.900' W | 0.116 | 10,095 | 16:15:27 | 1.89 | 22.35 | 28.61 |
| 44° 28.866' N | 068° 26.892' W | 0.121 | 9,678 | 16:15:33 | 1.91 | 22.36 | 28.62 |
| 44° 28.865' N | 068° 26.883' W | 0.129 | 9,078 | 16:15:39 | 1.88 | 22.31 | 28.66 |
| 44° 28.864' N | 068° 26.874' W | 0.131 | 8,939 | 16:15:45 | 1.90 | 22.33 | 28.64 |
| 44° 28.863' N | 068° 26.866' W | 0.125 | 9,368 | 16:15:51 | 1.84 | 22.27 | 28.70 |
| 44° 28.862' N | 068° 26.857' W | 0.135 | 8,674 | 16:15:57 | 1.87 | 22.28 | 28.70 |
| 44° 28.861' N | 068° 26.848' W | 0.127 | 9,220 | 16:16:03 | 1.87 | 22.27 | 28.70 |
| 44° 28.860' N | 068° 26.840' W | 0.124 | 9,444 | 16:16:09 | 1.96 | 22.22 | 28.75 |
| 44° 28.860' N | 068° 26.831' W | 0.133 | 8,805 | 16:16:15 | 1.84 | 22.25 | 28.69 |
| 44° 28.860' N | 068° 26.822' W | 0.118 | 9,924 | 16:16:21 | 2.06 | 22.28 | 28.67 |
| 44° 28.860' N | 068° 26.813' W | 0.112 | 10,455 | 16:16:27 | 2.02 | 22.26 | 28.62 |
| 44° 28.860' N | 068° 26.805' W | 0.12 | 9,758 | 16:16:33 | 1.66 | 22.28 | 28.67 |
| 44° 28.859' N | 068° 26.796' W | 0.125 | 9,368 | 16:16:39 | 2.03 | 22.21 | 28.80 |
| 44° 28.858' N | 068° 26.788' W | 0.112 | 10,455 | 16:16:45 | 1.98 | 22.29 | 28.42 |
| 44° 28.858' N | 068° 26.780' W | 0.123 | 9,520 | 16:16:51 | 1.85 | 22.27 | 28.74 |
| 44° 28.857' N | 068° 26.771' W | 0.143 | 8,189 | 16:16:57 | 2.00 | 22.27 | 28.75 |
| 44° 28.856' N | 068° 26.763' W | 0.136 | 8,610 | 16:17:03 | 1.91 | 22.24 | 28.78 |
| 44° 28.855' N | 068° 26.754' W | 0.123 | 9,520 | 16:17:09 | 1.91 | 22.25 | 28.79 |
| 44° 28.855' N | 068° 26.746' W | 0.122 | 9,598 | 16:17:15 | 1.79 | 22.23 | 28.81 |
| 44° 28.855' N | 068° 26.736' W | 0.146 | 8,021 | 16:17:21 | 1.88 | 22.27 | 28.76 |
| 44° 28.855' N | 068° 26.727' W | 0.132 | 8,871 | 16:17:27 | 1.93 | 22.27 | 28.73 |
| 44° 28.854' N | 068° 26.719' W | 0.128 | 9,148 | 16:17:33 | 1.99 | 22.23 | 28.72 |
| 44° 28.854' N | 068° 26.710' W | 0.111 | 10,550 | 16:17:39 | 1.85 | 22.24 | 28.84 |
| 44° 28.854' N | 068° 26.702' W | 0.107 | 10,944 | 16:17:45 | 1.95 | 22.24 | 28.83 |
| 44° 28.854' N | 068° 26.692' W | 0.119 | 9,840 | 16:17:51 | 1.73 | 22.28 | 28.80 |
| 44° 28.854' N | 068° 26.684' W | 0.127 | 9,220 | 16:17:57 | 2.06 | 22.23 | 28.85 |
| 44° 28.854' N | 068° 26.675' W | 0.118 | 9,924 | 16:18:03 | 1.89 | 22.20 | 28.84 |
| 44° 28.854' N | 068° 26.666' W | 0.107 | 10,944 | 16:18:09 | 2.04 | 22.17 | 28.92 |
| 44° 28.855' N | 068° 26.657' W | 0.108 | 10,843 | 16:18:15 | 1.90 | 22.14 | 28.94 |

| Latitude | Longitude | Concentration (ppb) | Dilution | CTD Sensor--> | Time CTD | Depth (feet) | Temp. (Celsius) | Salinity (psu) |
|---------------|----------------|---------------------|----------|---------------|----------|--------------|-----------------|----------------|
| 44° 28.855' N | 068° 26.648' W | 0.113 | 10,363 | | 16:18:21 | 1.91 | 22.10 | 28.98 |
| 44° 28.855' N | 068° 26.639' W | 0.119 | 9,840 | | 16:18:27 | 2.00 | 22.13 | 28.98 |
| 44° 28.855' N | 068° 26.630' W | 0.104 | 11,260 | | 16:18:33 | 1.84 | 22.12 | 28.99 |
| 44° 28.855' N | 068° 26.621' W | 0.098 | 11,949 | | 16:18:39 | 1.96 | 22.07 | 29.05 |
| 44° 28.854' N | 068° 26.612' W | 0.103 | 11,369 | | 16:18:45 | 1.90 | 22.08 | 29.03 |
| 44° 28.854' N | 068° 26.603' W | 0.094 | 12,457 | | 16:18:51 | 1.88 | 22.12 | 28.89 |
| 44° 28.854' N | 068° 26.594' W | 0.107 | 10,944 | | 16:18:57 | 1.99 | 22.13 | 28.99 |
| 44° 28.855' N | 068° 26.586' W | 0.1 | 11,710 | | 16:19:03 | 1.89 | 22.10 | 29.00 |
| 44° 28.856' N | 068° 26.577' W | 0.105 | 11,152 | | 16:19:09 | 1.88 | 22.13 | 28.97 |
| 44° 28.857' N | 068° 26.568' W | 0.094 | 12,457 | | 16:19:15 | 1.79 | 22.10 | 29.00 |
| 44° 28.859' N | 068° 26.558' W | 0.093 | 12,591 | | 16:19:21 | 1.95 | 22.15 | 28.94 |
| 44° 28.860' N | 068° 26.550' W | 0.089 | 13,157 | | 16:19:27 | 1.84 | 22.13 | 28.97 |
| 44° 28.860' N | 068° 26.541' W | 0.087 | 13,460 | | 16:19:33 | 1.79 | 22.13 | 28.95 |
| 44° 28.860' N | 068° 26.532' W | 0.102 | 11,480 | | 16:19:39 | 2.07 | 22.14 | 28.74 |
| 44° 28.859' N | 068° 26.524' W | 0.096 | 12,198 | | 16:19:45 | 2.09 | 22.11 | 28.99 |
| 44° 28.856' N | 068° 26.515' W | 0.092 | 12,728 | | 16:19:51 | 1.59 | 22.10 | 29.02 |
| 44° 28.854' N | 068° 26.507' W | 0.121 | 9,678 | | 16:19:57 | 2.01 | 22.06 | 29.06 |
| 44° 28.854' N | 068° 26.498' W | 0.099 | 11,828 | | 16:20:03 | 1.78 | 22.05 | 29.07 |
| 44° 28.852' N | 068° 26.490' W | 0.134 | 8,739 | | 16:20:09 | 2.12 | 22.04 | 28.94 |
| 44° 28.851' N | 068° 26.481' W | 0.157 | 7,459 | | 16:20:15 | 1.93 | 22.03 | 29.10 |
| 44° 28.850' N | 068° 26.472' W | 0.125 | 9,368 | | 16:20:21 | 1.91 | 22.10 | 29.03 |
| 44° 28.848' N | 068° 26.464' W | 0.093 | 12,591 | | 16:20:27 | 1.91 | 22.01 | 29.11 |
| 44° 28.846' N | 068° 26.455' W | 0.09 | 13,011 | | 16:20:33 | 1.92 | 21.96 | 29.15 |
| 44° 28.843' N | 068° 26.447' W | 0.093 | 12,591 | | 16:20:39 | 1.95 | 21.91 | 29.19 |
| 44° 28.841' N | 068° 26.439' W | 0.114 | 10,272 | | 16:20:45 | 1.90 | 21.87 | 29.23 |
| 44° 28.840' N | 068° 26.431' W | 0.112 | 10,455 | | 16:20:51 | 1.77 | 21.78 | 29.29 |
| 44° 28.839' N | 068° 26.422' W | 0.093 | 12,591 | | 16:20:57 | 1.91 | 21.85 | 29.23 |
| 44° 28.839' N | 068° 26.415' W | 0.106 | 11,047 | | 16:21:03 | 2.12 | 21.88 | 29.15 |
| 44° 28.838' N | 068° 26.406' W | 0.085 | 13,776 | | 16:21:09 | 1.96 | 21.89 | 29.24 |
| 44° 28.838' N | 068° 26.397' W | 0.104 | 11,260 | | 16:21:15 | 2.09 | 21.93 | 29.10 |
| 44° 28.838' N | 068° 26.388' W | 0.078 | 15,013 | | 16:21:21 | 1.92 | 21.88 | 29.25 |
| 44° 28.838' N | 068° 26.379' W | 0.102 | 11,480 | | 16:21:27 | 2.01 | 21.89 | 29.24 |
| 44° 28.838' N | 068° 26.367' W | 0.086 | 13,616 | | 16:21:33 | 2.14 | 21.86 | 29.26 |
| 44° 28.839' N | 068° 26.360' W | 0.088 | 13,307 | | 16:21:39 | 1.96 | 21.86 | 29.26 |
| 44° 28.839' N | 068° 26.351' W | 0.087 | 13,460 | | 16:21:45 | 2.10 | 21.84 | 29.29 |
| 44° 28.839' N | 068° 26.342' W | 0.079 | 14,823 | | 16:21:51 | 2.04 | 21.91 | 29.24 |
| 44° 28.839' N | 068° 26.333' W | 0.092 | 12,728 | | 16:21:57 | 2.17 | 21.94 | 29.22 |
| 44° 28.840' N | 068° 26.324' W | 0.076 | 15,408 | | 16:22:03 | 2.06 | 21.92 | 29.20 |

8/08/01 Ellsworth, ME wastewater hydrography

0.00 ppb Background

| <u>Latitude</u> | <u>Longitude</u> | <u>Concentration (ppb)</u> Field Corrected | <u>Dilution</u> | <----Fluorometer CTD Sensor----> | <u>Time</u> CTD | <u>Depth</u> (feet) | <u>Temp.</u> (Celsius) | <u>Salinity</u> (psu) |
|-----------------|------------------|---|-----------------|-------------------------------------|--------------------|------------------------|---------------------------|--------------------------|
| 44° 28.840' N | 068° 26.314' W | 0.098 | 11,949 | | 16:22:09 | 2.00 | 21.90 | 29.19 |
| 44° 28.840' N | 068° 26.305' W | 0.094 | 12,457 | | 16:22:15 | 2.12 | 21.91 | 29.14 |
| 44° 28.840' N | 068° 26.295' W | 0.078 | 15,013 | | 16:22:21 | 2.18 | 21.90 | 29.10 |
| 44° 28.839' N | 068° 26.285' W | 0.075 | 15,613 | | 16:22:27 | 2.03 | 21.92 | 29.10 |
| 44° 28.838' N | 068° 26.276' W | 0.078 | 15,013 | | 16:22:33 | 2.02 | 21.94 | 29.09 |
| 44° 28.836' N | 068° 26.267' W | 0.077 | 15,208 | | 16:22:39 | 2.07 | 21.99 | 29.05 |
| 44° 28.835' N | 068° 26.258' W | 0.08 | 14,638 | | 16:22:45 | 1.85 | 21.99 | 29.03 |
| 44° 28.833' N | 068° 26.249' W | 0.091 | 12,868 | | 16:22:51 | 1.91 | 21.95 | 29.00 |
| 44° 28.832' N | 068° 26.240' W | 0.099 | 11,828 | | 16:22:57 | 2.22 | 21.59 | 29.09 |
| 44° 28.829' N | 068° 26.232' W | 0.095 | 12,326 | | 16:23:03 | 2.06 | 21.42 | 29.14 |
| 44° 28.825' N | 068° 26.225' W | 0.092 | 12,728 | | 16:23:09 | 2.43 | 21.41 | 29.14 |
| 44° 28.821' N | 068° 26.219' W | 0.092 | 12,728 | | 16:23:15 | 2.04 | 21.34 | 29.22 |
| 44° 28.818' N | 068° 26.213' W | 0.092 | 12,728 | | 16:23:21 | 2.03 | 21.35 | 29.12 |
| 44° 28.816' N | 068° 26.207' W | 0.114 | 10,272 | | 16:23:27 | 2.21 | 21.30 | 29.13 |
| 44° 28.814' N | 068° 26.199' W | 0.114 | 10,272 | | 16:23:33 | 1.71 | 21.34 | 29.14 |
| 44° 28.812' N | 068° 26.191' W | 0.098 | 11,949 | | 16:23:39 | 2.00 | 21.36 | 28.94 |
| 44° 28.810' N | 068° 26.184' W | 0.086 | 13,616 | | 16:23:45 | 2.03 | 21.49 | 29.10 |
| 44° 28.806' N | 068° 26.177' W | 0.084 | 13,940 | | 16:23:51 | 1.83 | 21.59 | 29.12 |
| 44° 28.803' N | 068° 26.169' W | 0.088 | 13,307 | | 16:23:57 | 1.90 | 21.62 | 29.07 |
| 44° 28.800' N | 068° 26.159' W | 0.094 | 12,457 | | 16:24:03 | 2.12 | 21.63 | 29.04 |
| 44° 28.797' N | 068° 26.151' W | 0.114 | 10,272 | | 16:24:09 | 1.68 | 21.66 | 28.99 |
| 44° 28.796' N | 068° 26.147' W | 0.143 | 8,189 | | 16:24:15 | 1.91 | 21.66 | 29.00 |
| 44° 28.793' N | 068° 26.140' W | 0.104 | 11,260 | | 16:24:21 | 1.89 | 21.67 | 28.98 |
| 44° 28.791' N | 068° 26.132' W | 0.088 | 13,307 | | 16:24:27 | 2.08 | 21.67 | 28.97 |
| 44° 28.789' N | 068° 26.124' W | 0.087 | 13,460 | | 16:24:33 | 1.96 | 21.67 | 28.98 |
| 44° 28.787' N | 068° 26.116' W | 0.088 | 13,307 | | 16:24:39 | 2.07 | 21.69 | 28.77 |
| 44° 28.784' N | 068° 26.107' W | 0.107 | 10,944 | | 16:24:45 | 0.97 | 21.69 | 28.97 |
| 44° 28.781' N | 068° 26.098' W | 0.115 | 10,183 | | 16:24:51 | 1.55 | 21.70 | 28.99 |
| 44° 28.778' N | 068° 26.090' W | 0.098 | 11,949 | | 16:24:57 | 1.90 | 21.68 | 29.00 |
| 44° 28.775' N | 068° 26.081' W | 0.102 | 11,480 | | 16:25:03 | 1.85 | 21.66 | 29.00 |
| 44° 28.773' N | 068° 26.073' W | 0.102 | 11,480 | | 16:25:09 | 1.76 | 21.65 | 29.01 |
| 44° 28.770' N | 068° 26.064' W | 0.098 | 11,949 | | 16:25:15 | 2.07 | 21.62 | 28.95 |
| 44° 28.768' N | 068° 26.055' W | 0.125 | 9,368 | | 16:25:21 | 1.28 | 21.58 | 28.99 |
| 44° 28.767' N | 068° 26.046' W | 0.344 | 3,404 | | 16:25:27 | 1.25 | 21.57 | 29.02 |
| 44° 28.765' N | 068° 26.037' W | 0.327 | 3,581 | | 16:25:33 | 1.45 | 21.56 | 29.01 |
| 44° 28.764' N | 068° 26.027' W | 0.348 | 3,365 | | 16:25:39 | 0.98 | 21.55 | 28.98 |
| 44° 28.762' N | 068° 26.017' W | 0.121 | 9,678 | | 16:25:45 | 1.37 | 21.52 | 29.03 |
| 44° 28.761' N | 068° 26.007' W | 0.166 | 7,054 | | 16:25:51 | 1.17 | 21.49 | 29.05 |

| <u>Latitude</u> | <u>Longitude</u> | <u>Concentration (ppb)</u> | | <u>Dilution</u> | <---- <u>Fluorometer</u> <u>CTD Sensor</u> ----> | <u>Time</u> <u>CTD</u> | <u>Depth</u> <u>(feet)</u> | <u>Temp.</u> <u>(Celsius)</u> | <u>Salinity</u> <u>(psu)</u> |
|-----------------|------------------|----------------------------|------------------|-----------------|---|---------------------------|-------------------------------|----------------------------------|---------------------------------|
| | | <u>Field</u> | <u>Corrected</u> | | | | | | |
| 44° 28.758' N | 068° 25.999' W | 0.116 | 0.12 | 10,095 | | 16:25:57 | 1.01 | 21.46 | 29.07 |
| 44° 28.757' N | 068° 25.989' W | 0.134 | 0.13 | 8,739 | | 16:26:03 | 1.06 | 21.42 | 29.09 |
| 44° 28.754' N | 068° 25.980' W | 0.103 | 0.10 | 11,369 | | 16:26:09 | 1.58 | 21.45 | 29.08 |
| 44° 28.753' N | 068° 25.971' W | 0.143 | 0.14 | 8,189 | | 16:26:15 | 0.68 | 21.44 | 29.09 |
| 44° 28.752' N | 068° 25.960' W | 0.111 | 0.11 | 10,550 | | 16:26:21 | 1.33 | 21.41 | 29.11 |
| 44° 28.751' N | 068° 25.950' W | 0.15 | 0.15 | 7,807 | | 16:26:27 | 1.15 | 21.41 | 29.12 |
| 44° 28.750' N | 068° 25.940' W | 0.101 | 0.10 | 11,594 | | 16:26:33 | 0.92 | 21.38 | 29.12 |
| 44° 28.749' N | 068° 25.930' W | 0.097 | 0.10 | 12,072 | | 16:26:39 | 1.10 | 21.35 | 29.19 |
| 44° 28.749' N | 068° 25.919' W | 0.102 | 0.10 | 11,480 | | 16:26:45 | 0.96 | 21.48 | 29.66 |
| 44° 28.749' N | 068° 25.909' W | 0.096 | 0.10 | 12,198 | | 16:26:51 | 0.74 | 21.47 | 29.66 |
| 44° 28.748' N | 068° 25.899' W | 0.151 | 0.15 | 7,755 | | 16:26:57 | 0.78 | 21.57 | 29.66 |
| 44° 28.747' N | 068° 25.888' W | 0.095 | 0.10 | 12,326 | | 16:27:03 | 1.20 | 21.55 | 29.67 |
| 44° 28.746' N | 068° 25.878' W | 0.09 | 0.09 | 13,011 | | 16:27:09 | 0.74 | 21.56 | 29.66 |
| 44° 28.744' N | 068° 25.868' W | 0.086 | 0.09 | 13,616 | | 16:27:15 | 1.27 | 21.65 | 29.67 |
| 44° 28.743' N | 068° 25.859' W | 0.087 | 0.09 | 13,460 | | 16:27:21 | 0.96 | 21.65 | 29.66 |
| 44° 28.742' N | 068° 25.849' W | 0.087 | 0.09 | 13,460 | | 16:27:27 | 1.23 | 21.67 | 29.65 |
| 44° 28.740' N | 068° 25.840' W | 0.088 | 0.09 | 13,307 | | 16:27:33 | 0.78 | 21.69 | 29.59 |
| 44° 28.738' N | 068° 25.830' W | 0.097 | 0.10 | 12,072 | | 16:27:39 | 0.78 | 21.69 | 29.64 |
| 44° 28.735' N | 068° 25.820' W | 0.086 | 0.09 | 13,616 | | 16:27:45 | 0.72 | 21.69 | 29.60 |
| 44° 28.732' N | 068° 25.811' W | 0.093 | 0.09 | 12,591 | | 16:27:51 | 1.56 | 21.70 | 29.64 |
| 44° 28.731' N | 068° 25.803' W | 0.163 | 0.16 | 7,184 | | 16:27:57 | 0.92 | 21.70 | 29.64 |
| 44° 28.729' N | 068° 25.793' W | 0.091 | 0.09 | 12,868 | | 16:28:03 | 1.04 | 21.70 | 29.54 |
| 44° 28.727' N | 068° 25.784' W | 0.215 | 0.22 | 5,447 | | 16:28:09 | 1.66 | 21.72 | 29.64 |
| 44° 28.725' N | 068° 25.775' W | 0.092 | 0.09 | 12,728 | | 16:28:15 | 1.04 | 21.74 | 29.64 |
| 44° 28.723' N | 068° 25.766' W | 0.078 | 0.08 | 15,013 | | 16:28:21 | 0.97 | 21.74 | 29.64 |
| 44° 28.721' N | 068° 25.755' W | 0.074 | 0.07 | 15,824 | | 16:28:27 | 0.90 | 21.78 | 29.63 |
| 44° 28.719' N | 068° 25.745' W | 0.068 | 0.07 | 17,221 | | 16:28:33 | 0.95 | 21.78 | 29.63 |
| 44° 28.717' N | 068° 25.736' W | 0.064 | 0.06 | 18,297 | | 16:28:39 | 1.18 | 21.80 | 29.62 |
| 44° 28.715' N | 068° 25.727' W | 0.059 | 0.06 | 19,847 | | 16:28:45 | 1.19 | 21.82 | 29.62 |
| 44° 28.714' N | 068° 25.717' W | 0.045 | 0.05 | 26,022 | | 16:28:51 | 1.00 | 21.83 | 29.60 |
| 44° 28.711' N | 068° 25.704' W | 0.045 | 0.05 | 26,022 | | 16:28:57 | 1.11 | 21.83 | 29.60 |
| 44° 28.709' N | 068° 25.698' W | 0.043 | 0.04 | 27,233 | | 16:29:03 | 1.13 | 21.84 | 29.61 |
| 44° 28.705' N | 068° 25.691' W | 0.051 | 0.05 | 22,961 | | 16:29:09 | 1.96 | 21.84 | 29.61 |

8/08/01 Ellsworth, ME wastewater hydrography

0.00 ppb Background

| <u>Latitude</u> | <u>Longitude</u> | <u>Concentration (ppb)</u> | | <u>Dilu- tion</u> | <u><----Fluorometer CTD Sensor----></u> | <u>Time CTD</u> | <u>Depth (feet)</u> | <u>Temp. (Celsius)</u> | <u>Salinity (psu)</u> |
|-----------------|------------------|----------------------------|------------------|-----------------------|---|---------------------|-------------------------|----------------------------|---------------------------|
| | | <u>Field</u> | <u>Corrected</u> | | | | | | |
| 44° 28.005' N | 068° 26.475' W | 0.016 | 0.02 | 73,188 | | 18:57:27 | 1.68 | 21.07 | 30.00 |
| 44° 28.001' N | 068° 26.475' W | 0.015 | 0.02 | 78,067 | | 18:57:33 | 1.11 | 21.07 | 30.00 |
| 44° 27.996' N | 068° 26.476' W | 0.017 | 0.02 | 68,882 | | 18:57:39 | 1.89 | 21.07 | 30.00 |
| 44° 27.992' N | 068° 26.477' W | 0.015 | 0.02 | 78,067 | | 18:57:45 | 1.70 | 21.06 | 30.00 |
| 44° 27.987' N | 068° 26.478' W | 0.016 | 0.02 | 73,188 | | 18:57:51 | 1.85 | 21.06 | 30.00 |
| 44° 27.981' N | 068° 26.479' W | 0.016 | 0.02 | 73,188 | | 18:57:57 | 1.78 | 21.06 | 30.01 |
| 44° 27.976' N | 068° 26.479' W | 0.016 | 0.02 | 73,188 | | 18:58:03 | 1.82 | 21.08 | 30.00 |
| 44° 27.971' N | 068° 26.479' W | 0.015 | 0.02 | 78,067 | | 18:58:09 | 1.85 | 21.08 | 30.01 |
| 44° 27.967' N | 068° 26.481' W | 0.013 | 0.01 | 90,077 | | 18:58:15 | 2.03 | 21.07 | 30.00 |
| 44° 27.962' N | 068° 26.482' W | 0.014 | 0.01 | 83,643 | | 18:58:21 | 1.81 | 21.07 | 30.00 |
| 44° 27.956' N | 068° 26.483' W | 0.014 | 0.01 | 83,643 | | 18:58:27 | 1.72 | 21.07 | 30.00 |
| 44° 27.951' N | 068° 26.482' W | 0.014 | 0.01 | 83,643 | | 18:58:33 | 1.81 | 21.07 | 30.00 |
| 44° 27.946' N | 068° 26.482' W | 0.013 | 0.01 | 90,077 | | 18:58:39 | 1.19 | 21.06 | 29.99 |
| 44° 27.940' N | 068° 26.481' W | 0.014 | 0.01 | 83,643 | | 18:58:45 | 1.09 | 21.06 | 29.98 |
| 44° 27.935' N | 068° 26.482' W | 0.013 | 0.01 | 90,077 | | 18:58:51 | 0.99 | 21.05 | 29.99 |
| 44° 27.930' N | 068° 26.482' W | 0.014 | 0.01 | 83,643 | | 18:58:57 | 0.92 | 21.05 | 29.98 |
| 44° 27.925' N | 068° 26.481' W | 0.015 | 0.02 | 78,067 | | 18:59:03 | 0.98 | 21.05 | 29.89 |
| 44° 27.920' N | 068° 26.483' W | 0.016 | 0.02 | 73,188 | | 18:59:09 | 0.81 | 21.05 | 29.98 |
| 44° 27.915' N | 068° 26.484' W | 0.016 | 0.02 | 73,188 | | 18:59:15 | 1.10 | 21.05 | 29.98 |
| 44° 27.910' N | 068° 26.486' W | 0.016 | 0.02 | 73,188 | | 18:59:21 | 1.93 | 21.04 | 29.98 |
| 44° 27.904' N | 068° 26.488' W | 0.014 | 0.01 | 83,643 | | 18:59:27 | 1.89 | 21.04 | 29.98 |
| 44° 27.898' N | 068° 26.489' W | 0.013 | 0.01 | 90,077 | | 18:59:33 | 1.95 | 21.02 | 29.99 |
| 44° 27.891' N | 068° 26.491' W | 0.015 | 0.02 | 78,067 | | 18:59:39 | 2.09 | 20.98 | 29.99 |
| 44° 27.885' N | 068° 26.491' W | 0.017 | 0.02 | 68,882 | | 18:59:45 | 2.07 | 20.94 | 29.99 |
| 44° 27.878' N | 068° 26.492' W | 0.015 | 0.02 | 78,067 | | 18:59:51 | 2.19 | 20.91 | 29.99 |
| 44° 27.872' N | 068° 26.493' W | 0.017 | 0.02 | 68,882 | | 18:59:57 | 2.16 | 20.88 | 29.99 |
| 44° 27.865' N | 068° 26.493' W | 0.015 | 0.02 | 78,067 | | 19:00:03 | 1.97 | 20.88 | 30.00 |
| 44° 27.859' N | 068° 26.494' W | 0.014 | 0.01 | 83,643 | | 19:00:09 | 1.99 | 20.88 | 30.00 |
| 44° 27.853' N | 068° 26.494' W | 0.016 | 0.02 | 73,188 | | 19:00:15 | 1.95 | 20.86 | 30.02 |
| 44° 27.846' N | 068° 26.495' W | 0.012 | 0.01 | 97,583 | | 19:00:21 | 2.02 | 20.89 | 30.06 |
| 44° 27.839' N | 068° 26.496' W | 0.016 | 0.02 | 73,188 | | 19:00:27 | 1.84 | 20.89 | 30.08 |
| 44° 27.833' N | 068° 26.496' W | 0.018 | 0.02 | 65,056 | | 19:00:33 | 2.01 | 20.89 | 30.13 |
| 44° 27.826' N | 068° 26.497' W | 0.015 | 0.02 | 78,067 | | 19:00:39 | 2.02 | 20.86 | 30.15 |
| 44° 27.820' N | 068° 26.498' W | 0.012 | 0.01 | 97,583 | | 19:00:45 | 1.95 | 20.84 | 30.16 |
| 44° 27.814' N | 068° 26.499' W | 0.01 | 0.01 | 117,100 | | 19:00:51 | 2.01 | 20.81 | 30.19 |
| 44° 27.808' N | 068° 26.500' W | 0.006 | 0.01 | 195,167 | | 19:00:57 | 1.85 | 20.80 | 30.20 |
| 44° 27.801' N | 068° 26.501' W | 0.001 | 0.00 | N.A. | | 19:01:03 | 2.16 | 20.80 | 30.21 |
| 44° 27.795' N | 068° 26.502' W | 0.002 | 0.00 | N.A. | | 19:01:09 | 2.04 | 20.79 | 30.23 |

| Latitude | Longitude | Concentration (ppb) | | Dilution | <----Fluorometer CTD Sensor----> | Time CTD | Depth (feet) | Temp. (Celsius) | Salinity (psu) |
|---------------|----------------|---------------------|-----------|----------|-------------------------------------|-------------|-----------------|--------------------|-------------------|
| | | Field | Corrected | | | | | | |
| 44° 27.789' N | 068° 26.503' W | 0.012 | 0.01 | 97,583 | | 19:01:15 | 2.01 | 20.84 | 30.27 |
| 44° 27.782' N | 068° 26.504' W | -0.001 | 0.00 | N.A. | | 19:01:21 | 1.98 | 20.76 | 30.27 |
| 44° 27.775' N | 068° 26.505' W | 0 | 0.00 | N.A. | | 19:01:27 | 1.90 | 20.44 | 30.27 |
| 44° 27.768' N | 068° 26.506' W | 0 | 0.00 | N.A. | | 19:01:33 | 1.90 | 20.41 | 30.27 |
| 44° 27.761' N | 068° 26.507' W | 0.002 | 0.00 | N.A. | | 19:01:39 | 2.07 | 20.37 | 30.29 |
| 44° 27.754' N | 068° 26.508' W | -0.001 | 0.00 | N.A. | | 19:01:45 | 1.96 | 20.27 | 30.31 |
| 44° 27.747' N | 068° 26.509' W | 0.008 | 0.01 | 146,375 | | 19:01:51 | 1.98 | 20.30 | 30.34 |
| 44° 27.741' N | 068° 26.509' W | -0.003 | 0.00 | N.A. | | 19:01:57 | 2.10 | 20.29 | 30.36 |
| 44° 27.734' N | 068° 26.509' W | 0.003 | 0.00 | N.A. | | 19:02:03 | 2.10 | 20.29 | 30.37 |
| 44° 27.728' N | 068° 26.508' W | -0.006 | 0.00 | N.A. | | 19:02:09 | 1.95 | 20.39 | 30.43 |
| 44° 27.721' N | 068° 26.507' W | -0.003 | 0.00 | N.A. | | 19:02:15 | 2.01 | 20.38 | 30.45 |
| 44° 27.715' N | 068° 26.507' W | -0.008 | 0.00 | N.A. | | 19:02:21 | 2.02 | 20.37 | 30.45 |
| 44° 27.709' N | 068° 26.508' W | -0.008 | 0.00 | N.A. | | 19:02:27 | 2.15 | 20.36 | 30.46 |
| 44° 27.702' N | 068° 26.509' W | -0.008 | 0.00 | N.A. | | 19:02:33 | 2.10 | 20.36 | 30.46 |
| 44° 27.696' N | 068° 26.509' W | -0.01 | 0.00 | N.A. | | 19:02:39 | 2.02 | 20.36 | 30.46 |
| 44° 27.689' N | 068° 26.508' W | -0.01 | 0.00 | N.A. | | 19:02:45 | 2.12 | 20.31 | 30.46 |
| 44° 27.682' N | 068° 26.508' W | -0.009 | 0.00 | N.A. | | 19:02:51 | 1.98 | 20.26 | 30.47 |
| 44° 27.675' N | 068° 26.508' W | -0.005 | 0.00 | N.A. | | 19:02:57 | 2.00 | 20.27 | 30.47 |
| 44° 27.669' N | 068° 26.509' W | -0.012 | 0.00 | N.A. | | 19:03:03 | 1.89 | 20.25 | 30.50 |
| 44° 27.662' N | 068° 26.509' W | -0.012 | 0.00 | N.A. | | 19:03:09 | 2.09 | 20.25 | 30.50 |
| 44° 27.655' N | 068° 26.510' W | -0.011 | 0.00 | N.A. | | 19:03:15 | 2.01 | 20.26 | 30.50 |
| 44° 27.649' N | 068° 26.511' W | -0.002 | 0.00 | N.A. | | 19:03:21 | 2.04 | 20.26 | 30.50 |
| 44° 27.642' N | 068° 26.512' W | -0.01 | 0.00 | N.A. | | 19:03:27 | 2.02 | 20.26 | 30.50 |
| 44° 27.636' N | 068° 26.513' W | -0.01 | 0.00 | N.A. | | 19:03:33 | 1.88 | 20.26 | 30.50 |
| 44° 27.629' N | 068° 26.514' W | -0.011 | 0.00 | N.A. | | 19:03:39 | 1.84 | 20.26 | 30.50 |
| 44° 27.623' N | 068° 26.515' W | -0.011 | 0.00 | N.A. | | 19:03:45 | 2.05 | 20.25 | 30.50 |
| 44° 27.616' N | 068° 26.517' W | -0.01 | 0.00 | N.A. | | 19:03:51 | 1.98 | 20.24 | 30.51 |
| 44° 27.609' N | 068° 26.519' W | -0.012 | 0.00 | N.A. | | 19:03:57 | 1.91 | 20.24 | 30.50 |
| 44° 27.603' N | 068° 26.521' W | -0.011 | 0.00 | N.A. | | 19:04:03 | 1.88 | 20.23 | 30.51 |
| 44° 27.597' N | 068° 26.521' W | -0.011 | 0.00 | N.A. | | 19:04:09 | 2.00 | 20.22 | 30.51 |

8/08/01 Ellsworth, ME wastewater hydrography

0.00 ppb Background

| <u>Latitude</u> | <u>Longitude</u> | <u>Concentration (ppb)</u> | | <u>Dilution</u> | <u><----Fluorometer CTD Sensor----></u> | <u>Time CTD</u> | <u>Depth (feet)</u> | <u>Temp. (Celsius)</u> | <u>Salinity (psu)</u> |
|-----------------|------------------|----------------------------|------------------|-----------------|---|---------------------|-------------------------|----------------------------|---------------------------|
| | | <u>Field</u> | <u>Corrected</u> | | | | | | |
| 44° 28.260' N | 068° 25.745' W | 0.047 | 0.05 | 24,915 | | 19:12:27 | 4.22 | 22.02 | 29.63 |
| 44° 28.258' N | 068° 25.748' W | 0.049 | 0.05 | 23,898 | | 19:12:33 | 4.19 | 22.01 | 29.63 |
| 44° 28.256' N | 068° 25.750' W | 0.05 | 0.05 | 23,420 | | 19:12:39 | 4.19 | 22.01 | 29.63 |
| 44° 28.253' N | 068° 25.753' W | 0.048 | 0.05 | 24,396 | | 19:12:45 | 4.24 | 21.98 | 29.64 |
| 44° 28.253' N | 068° 25.754' W | 0.046 | 0.05 | 25,457 | | 19:12:51 | 4.20 | 21.96 | 29.65 |
| 44° 28.252' N | 068° 25.756' W | 0.045 | 0.05 | 26,022 | | 19:12:57 | 4.31 | 21.98 | 29.64 |
| 44° 28.252' N | 068° 25.757' W | 0.045 | 0.05 | 26,022 | | 19:13:03 | 4.22 | 21.99 | 29.64 |
| 44° 28.252' N | 068° 25.758' W | 0.042 | 0.04 | 27,881 | | 19:13:09 | 4.35 | 21.94 | 29.66 |
| 44° 28.252' N | 068° 25.759' W | 0.045 | 0.05 | 26,022 | | 19:13:15 | 7.01 | 21.95 | 29.65 |
| 44° 28.253' N | 068° 25.760' W | 0.045 | 0.05 | 26,022 | | 19:13:21 | 8.64 | 21.78 | 29.71 |
| 44° 28.254' N | 068° 25.760' W | 0.042 | 0.04 | 27,881 | | 19:13:27 | 9.15 | 21.79 | 29.70 |
| 44° 28.255' N | 068° 25.760' W | 0.042 | 0.04 | 27,881 | | 19:13:33 | 8.79 | 21.85 | 29.69 |
| 44° 28.256' N | 068° 25.761' W | 0.043 | 0.04 | 27,233 | | 19:13:39 | 8.68 | 21.80 | 29.70 |
| 44° 28.257' N | 068° 25.761' W | 0.041 | 0.04 | 28,561 | | 19:13:45 | 8.69 | 21.78 | 29.71 |
| 44° 28.257' N | 068° 25.761' W | 0.038 | 0.04 | 30,816 | | 19:13:51 | 8.76 | 21.77 | 29.71 |
| 44° 28.257' N | 068° 25.761' W | 0.034 | 0.03 | 34,441 | | 19:13:57 | 8.78 | 21.78 | 29.71 |
| 44° 28.258' N | 068° 25.762' W | 0.041 | 0.04 | 28,561 | | 19:14:03 | 8.89 | 21.78 | 29.71 |
| 44° 28.259' N | 068° 25.762' W | 0.039 | 0.04 | 30,026 | | 19:14:09 | 8.86 | 21.75 | 29.71 |
| 44° 28.260' N | 068° 25.763' W | 0.037 | 0.04 | 31,649 | | 19:14:15 | 11.67 | 21.69 | 29.73 |
| 44° 28.261' N | 068° 25.763' W | 0.037 | 0.04 | 31,649 | | 19:14:21 | 13.40 | 21.65 | 29.75 |
| 44° 28.261' N | 068° 25.763' W | 0.038 | 0.04 | 30,816 | | 19:14:27 | 13.55 | 21.64 | 29.75 |
| 44° 28.263' N | 068° 25.763' W | 0.04 | 0.04 | 29,275 | | 19:14:33 | 13.34 | 21.65 | 29.75 |
| 44° 28.263' N | 068° 25.763' W | 0.037 | 0.04 | 31,649 | | 19:14:39 | 13.53 | 21.65 | 29.75 |
| 44° 28.264' N | 068° 25.763' W | 0.036 | 0.04 | 32,528 | | 19:14:45 | 13.23 | 21.66 | 29.75 |
| 44° 28.265' N | 068° 25.762' W | 0.033 | 0.03 | 35,485 | | 19:14:51 | 13.09 | 21.66 | 29.75 |
| 44° 28.266' N | 068° 25.763' W | 0.034 | 0.03 | 34,441 | | 19:14:57 | 13.45 | 21.65 | 29.75 |
| 44° 28.266' N | 068° 25.763' W | 0.032 | 0.03 | 36,594 | | 19:15:03 | 15.07 | 21.61 | 29.76 |
| 44° 28.267' N | 068° 25.763' W | 0.033 | 0.03 | 35,485 | | 19:15:09 | 16.82 | 20.65 | 30.09 |
| 44° 28.268' N | 068° 25.764' W | 0.034 | 0.03 | 34,441 | | 19:15:15 | 16.28 | 19.05 | 30.62 |
| 44° 28.269' N | 068° 25.764' W | 0.031 | 0.03 | 37,774 | | 19:15:21 | 15.53 | 21.60 | 29.76 |
| 44° 28.270' N | 068° 25.765' W | 0.033 | 0.03 | 35,485 | | 19:15:27 | 15.78 | 21.59 | 29.76 |
| 44° 28.270' N | 068° 25.765' W | 0.033 | 0.03 | 35,485 | | 19:15:33 | 15.41 | 21.58 | 29.77 |
| 44° 28.271' N | 068° 25.765' W | 0.031 | 0.03 | 37,774 | | 19:15:39 | 14.71 | 21.59 | 29.77 |
| 44° 28.272' N | 068° 25.765' W | 0.03 | 0.03 | 39,033 | | 19:15:45 | 15.48 | 21.59 | 29.76 |
| 44° 28.273' N | 068° 25.765' W | 0.029 | 0.03 | 40,379 | | 19:15:51 | 15.41 | 21.59 | 29.77 |
| 44° 28.273' N | 068° 25.766' W | 0.031 | 0.03 | 37,774 | | 19:15:57 | 15.60 | 21.58 | 29.77 |
| 44° 28.274' N | 068° 25.766' W | 0.033 | 0.03 | 35,485 | | 19:16:03 | 15.54 | 21.58 | 29.77 |
| 44° 28.275' N | 068° 25.766' W | 0.031 | 0.03 | 37,774 | | 19:16:09 | 10.31 | 21.62 | 29.76 |

8/08/01 Ellsworth, ME wastewater hydrography

0.00 ppb Background

| <u>Latitude</u> | <u>Longitude</u> | <u>Concentration (ppb)</u> | <u>Dilu-</u> | <---Fluorometer | <u>Time</u> | <u>Depth</u> | <u>Temp.</u> | <u>Salinity</u> |
|-----------------|------------------|----------------------------|--------------|-----------------------|-------------|---------------|------------------|-----------------|
| | | <u>Field</u> | <u>tion</u> | <u>CTD Sensor</u> --> | <u>CTD</u> | <u>(feet)</u> | <u>(Celsius)</u> | <u>(psu)</u> |
| | | <u>Corrected</u> | | | | | | |
| 44° 28.275' N | 068° 25.767' W | 0.032 | 36,594 | | 19:16:15 | 4.50 | 21.78 | 29.71 |
| 44° 28.276' N | 068° 25.767' W | 0.028 | 41,821 | | 19:16:21 | 0.23 | 21.95 | 29.63 |
| 44° 28.277' N | 068° 25.768' W | 0.029 | 40,379 | | 19:16:27 | 0.70 | 22.00 | 29.58 |
| 44° 28.278' N | 068° 25.768' W | 0.032 | 36,594 | | 19:16:33 | 0.67 | 22.03 | 29.58 |
| 44° 28.278' N | 068° 25.768' W | 0.037 | 31,649 | | 19:16:39 | 0.71 | 22.03 | 29.58 |
| 44° 28.279' N | 068° 25.768' W | 0.045 | 26,022 | | 19:16:45 | 0.78 | 22.05 | 29.58 |
| 44° 28.280' N | 068° 25.768' W | 0.049 | 23,898 | | 19:16:51 | 0.96 | 22.04 | 29.58 |
| 44° 28.281' N | 068° 25.768' W | 0.047 | 24,915 | | 19:16:57 | 0.70 | 22.04 | 29.57 |
| 44° 28.281' N | 068° 25.769' W | 0.049 | 23,898 | | 19:17:03 | 0.57 | 22.06 | 29.57 |

8/08/01 Ellsworth, ME wastewater hydrography

0.00 ppb Background

| <u>Latitude</u> | <u>Longitude</u> | <u>Concentration (ppb)</u> | | <u>Dilu-</u> | <u><----Fluorometer</u> | <u>Time</u> | <u>Depth</u> | <u>Temp.</u> | <u>Salinity</u> |
|-----------------|------------------|----------------------------|------------------|--------------|----------------------------|-------------|---------------|------------------|-----------------|
| | | <u>Field</u> | <u>Corrected</u> | <u>tion</u> | <u>CTD Sensor----></u> | <u>CTD</u> | <u>(feet)</u> | <u>(Celsius)</u> | <u>(psu)</u> |
| 44° 30.110' N | 068° 25.968' W | 0.419 | 0.42 | 2,795 | | 19:37:45 | 9.28 | 22.64 | 22.02 |
| 44° 30.110' N | 068° 25.968' W | 0.39 | 0.39 | 3,003 | | 19:37:51 | 9.27 | 22.62 | 22.11 |
| 44° 30.110' N | 068° 25.968' W | 0.393 | 0.39 | 2,980 | | 19:37:57 | 9.24 | 22.69 | 21.90 |
| 44° 30.109' N | 068° 25.968' W | 0.423 | 0.42 | 2,768 | | 19:38:03 | 9.28 | 22.78 | 21.60 |
| 44° 30.109' N | 068° 25.969' W | 0.428 | 0.43 | 2,736 | | 19:38:09 | 9.27 | 22.98 | 20.26 |
| 44° 30.108' N | 068° 25.969' W | 0.428 | 0.43 | 2,736 | | 19:38:15 | 9.26 | 22.86 | 21.07 |
| 44° 30.108' N | 068° 25.969' W | 0.434 | 0.43 | 2,698 | | 19:38:21 | 9.35 | 23.03 | 20.15 |
| 44° 30.107' N | 068° 25.969' W | 0.431 | 0.43 | 2,717 | | 19:38:27 | 11.74 | 22.53 | 22.67 |
| 44° 30.107' N | 068° 25.969' W | 0.431 | 0.43 | 2,717 | | 19:38:33 | 13.64 | 22.16 | 24.37 |
| 44° 30.106' N | 068° 25.969' W | 0.432 | 0.43 | 2,711 | | 19:38:39 | 13.57 | 22.15 | 24.38 |
| 44° 30.106' N | 068° 25.968' W | 0.435 | 0.44 | 2,692 | | 19:38:45 | 13.65 | 22.16 | 24.38 |
| 44° 30.106' N | 068° 25.968' W | 0.424 | 0.42 | 2,762 | | 19:38:51 | 13.79 | 22.13 | 24.47 |
| 44° 30.106' N | 068° 25.969' W | 0.385 | 0.39 | 3,042 | | 19:38:57 | 13.72 | 22.15 | 24.41 |
| 44° 30.105' N | 068° 25.969' W | 0.338 | 0.34 | 3,464 | | 19:39:03 | 13.69 | 22.14 | 24.46 |
| 44° 30.104' N | 068° 25.970' W | 0.338 | 0.34 | 3,464 | | 19:39:09 | 13.72 | 22.12 | 24.51 |
| 44° 30.104' N | 068° 25.970' W | 0.35 | 0.35 | 3,346 | | 19:39:15 | 13.73 | 22.13 | 24.48 |
| 44° 30.102' N | 068° 25.971' W | 0.324 | 0.32 | 3,614 | | 19:39:21 | 13.68 | 22.12 | 24.56 |
| 44° 30.102' N | 068° 25.971' W | 0.324 | 0.32 | 3,614 | | 19:39:27 | 13.73 | 22.13 | 24.52 |
| 44° 30.101' N | 068° 25.970' W | 0.313 | 0.31 | 3,741 | | 19:39:33 | 16.57 | 22.10 | 24.69 |
| 44° 30.100' N | 068° 25.969' W | 0.313 | 0.31 | 3,741 | | 19:39:39 | 14.77 | 22.12 | 24.55 |
| 44° 30.099' N | 068° 25.967' W | 0.312 | 0.31 | 3,753 | | 19:39:45 | 15.18 | 22.12 | 24.55 |
| 44° 30.098' N | 068° 25.966' W | 0.312 | 0.31 | 3,753 | | 19:39:51 | 15.15 | 22.12 | 24.54 |
| 44° 30.097' N | 068° 25.965' W | 0.306 | 0.31 | 3,827 | | 19:39:57 | 15.08 | 22.10 | 24.59 |
| 44° 30.096' N | 068° 25.963' W | 0.304 | 0.30 | 3,852 | | 19:40:03 | 15.14 | 22.07 | 24.76 |
| 44° 30.095' N | 068° 25.962' W | 0.305 | 0.31 | 3,839 | | 19:40:09 | 15.16 | 22.10 | 24.62 |
| 44° 30.094' N | 068° 25.961' W | 0.305 | 0.31 | 3,839 | | 19:40:15 | 15.20 | 22.07 | 24.76 |
| 44° 30.093' N | 068° 25.960' W | 0.306 | 0.31 | 3,827 | | 19:40:21 | 15.19 | 22.08 | 24.71 |
| 44° 30.092' N | 068° 25.959' W | 0.306 | 0.31 | 3,827 | | 19:40:27 | 14.86 | 22.06 | 24.83 |
| 44° 30.091' N | 068° 25.958' W | 0.297 | 0.30 | 3,943 | | 19:40:33 | 8.22 | 22.10 | 24.62 |
| 44° 30.091' N | 068° 25.958' W | 0.299 | 0.30 | 3,916 | | 19:40:39 | 2.70 | 22.71 | 21.51 |
| 44° 30.090' N | 068° 25.957' W | 0.304 | 0.30 | 3,852 | | 19:40:45 | 0.55 | 23.74 | 16.03 |
| 44° 30.090' N | 068° 25.956' W | 0.303 | 0.30 | 3,865 | | 19:40:51 | 0.82 | 23.73 | 15.72 |
| 44° 30.089' N | 068° 25.955' W | 0.306 | 0.31 | 3,827 | | 19:40:57 | 0.88 | 23.73 | 15.70 |
| 44° 30.089' N | 068° 25.955' W | 0.417 | 0.42 | 2,808 | | 19:41:03 | 0.90 | 23.75 | 15.83 |
| 44° 30.089' N | 068° 25.954' W | 0.462 | 0.46 | 2,535 | | 19:41:09 | 0.93 | 23.75 | 15.90 |
| 44° 30.088' N | 068° 25.954' W | 0.466 | 0.47 | 2,513 | | 19:41:15 | 0.92 | 23.74 | 15.91 |
| 44° 30.087' N | 068° 25.953' W | 0.466 | 0.47 | 2,513 | | 19:41:21 | 0.95 | 23.74 | 16.02 |
| 44° 30.086' N | 068° 25.953' W | 0.477 | 0.48 | 2,455 | | 19:41:27 | 0.89 | 23.73 | 15.98 |