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## Appendix C – Monitoring Well Purge Logs



**WSP Environment & Energy**

**5 Sullivan Street**

**Cazenovia, NY 13035 (315) 655-3900 • Fax (315) 655-3907**

**Groundwater Sampling Monitoring Form**

|                                |              |                            |                                       |                     |                  |
|--------------------------------|--------------|----------------------------|---------------------------------------|---------------------|------------------|
| <b>Well ID</b>                 | <b>MW-1B</b> | <b>Site:</b>               | <b>Emerson EPT - Ithaca, NY</b>       | <b>Sample Date:</b> | <b>9/29/2010</b> |
| <b>Well Diameter</b>           | 4 in         | <b>Sampling Event</b>      | <b>Quarterly Groundwater Sampling</b> |                     |                  |
| <b>Depth to Water (btoc)</b>   | 9.73 ft      | <b>Samplers</b>            | ESR                                   |                     |                  |
| <b>Total Well Depth (btoc)</b> | 9.80 ft      | <b>Weather Conditions:</b> | Mostly Cloud, 70 F                    |                     |                  |
| <b>Height of Water Column</b>  | 10.01 ft     | <b>Notes:</b>              |                                       |                     |                  |
| <b>Well Volume</b>             | ~6.5 gal     |                            |                                       |                     |                  |

| <b>Instrument Calibration Information</b> |                |   |  |                        |       |
|---|----------------|---|--|------------------------|-------|
| D.O. Meter Calibration                    |                | ORP Meter Calibration   |  | S.C. Meter Calibration |       |
| DO slope =                                |                | ORP in stand.   |  | Expected S.C.          | Notes |
| DO in air =                               | mg/L           | T of stand.   |  | Measured S.C.          |       |
| Air temp =                                | °C             | Standard used:  |  |                        |       |
| <b>pH Meter Calibration</b>               |                | Notes on calibration: Calibrated to manufacturer's specifications |  |                        |       |
| pH of Stand. 1                            | pH of Stand. 2 | Slope   |  |                        |       |
|   |                |   |  |                        |       |

| <b>Well Purging Information</b> |             |        |          |              |             |      |   |
|---------------------------------|-------------|--------|----------|--------------|-------------|------|---|
| Purge Volume (gal)              | D.O. (mg/L) | T (°C) | ORP (mV) | S.C. (mS/cm) | Turb. (NTU) | pH   | Notes   |
| Initial                         | error       | 17.93  | -61      | 1.79         | 317         | 6.88 |   |
| 3.5                             | error       | 16.99  | -37      | 1.72         | 63.8        | 7.01 |   |
| 8.0                             | error       | 16.6   | 8        | 1.77         | 254.0       | 7.11 | Purged dry @ 9 gal, allow to recharge prior to sampling |
|                                 |             |        |          |              |             |      |   |
|                                 |             |        |          |              |             |      |   |
|                                 |             |        |          |              |             |      |   |

| <b>Laboratory Analysis Information</b> |              |              |             |            |                      |               |          |
|--|--------------|--------------|-------------|------------|----------------------|---------------|----------|
| # of Bottles                           | Analytes     | Preservative | Bottle Type | Anal. Lab. | Filtered/ Unfiltered | Sample Time   | Comments |
| 3                                      | VOCs (8260B) | HCl          | 40 mL VOA   | Pace       | Unfiltered           | 9/29/10 17:09 |          |



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**Groundwater Sampling Monitoring Form**

|                                |              |                            |                                       |                     |                   |
|--------------------------------|--------------|----------------------------|---------------------------------------|---------------------|-------------------|
| <b>Well ID</b>                 | <b>MW-1B</b> | <b>Site:</b>               | <b>Emerson EPT - Ithaca, NY</b>       | <b>Sample Date:</b> | <b>12/29/2010</b> |
| <b>Well Diameter</b>           | 4 in         | <b>Sampling Event</b>      | <b>Quarterly Groundwater Sampling</b> |                     |                   |
| <b>Depth to Water (btoc)</b>   | 9.21 ft      | <b>Samplers</b>            | ESR/RJW                               |                     |                   |
| <b>Total Well Depth (btoc)</b> | 19.80 ft     | <b>Weather Conditions:</b> | Cloudy                                |                     |                   |
| <b>Height of Water Column</b>  | 10.60 ft     | <b>Notes:</b>              |                                       |                     |                   |
| <b>Well Volume</b>             | 6.90 gal     |                            |                                       |                     |                   |

**Instrument Calibration Information**

| D.O. Meter Calibration      |                | ORP Meter Calibration   |  | S.C. Meter Calibration |               |       |       |
|-----------------------------|----------------|---|--|------------------------|---------------|-------|-------|
| DO slope =                  |                | ORP in stand.   |  | Expected S.C.          | Measured S.C. | Notes |       |
| DO in air =                 | mg/L           | T of stand.   |  |                        |               |       |       |
| Air temp =                  | 25-30 °C       | Standard used:  |  |                        |               |       |       |
| <b>pH Meter Calibration</b> |                | Notes on calibration: Calibrated to manufacturer's specifications |  |                        |               |       |       |
| pH of Stand. 1              | pH of Stand. 2 |   |  |                        |               |       | Slope |
|                             |                |   |  |                        |               |       |       |

**Well Purging Information**

| Purge Volume (gal) | D.O. (mg/L) | T (°C) | ORP (mV) | S.C. (mS/cm) | Turb. (NTU) | pH   | Notes |
|--------------------|-------------|--------|----------|--------------|-------------|------|-------|
| Initial            | 7.17        | 8.27   | 99       | 1.09         | 213         | 7.52 |       |
| 1.0                | 9.30        | 8.23   | 138      | 0.982        | 32.9        | 7.69 |       |
| 3.0                | 8.01        | 8.0    | 175      | 0.986        | 21.4        | 7.68 |       |
| 3.25               | 8.71        | 8.09   | 183      | 0.985        | 19.8        | 7.69 |       |
| 5.00               | 8.09        | 8.02   | 211      | 0.996        | 73.1        | 7.64 |       |
| 7.5                | 7.89        | 8.48   | 212      | 0.981        | 35.8        | 7.65 |       |
| 10.3               | 5.99        | 8.28   | 226      | 0.991        | 35.4        | 7.63 |       |

**Laboratory Analysis Information**

| # of Bottles | Analytes     | Preservative | Bottle Type | Anal. Lab. | Filtered/ Unfiltered | Sample Time    | Comments |
|--------------|--------------|--------------|-------------|------------|----------------------|----------------|----------|
| 3            | VOCs (8260B) | HCl          | 40 mL VOA   | Pace       | Unfiltered           | 12/29/10 14:15 |          |



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**Groundwater Sampling Monitoring Form**

|                                |              |                            |   |                     |                  |
|--------------------------------|--------------|----------------------------|---|---------------------|------------------|
| <b>Well ID</b>                 | <b>MW-2B</b> | <b>Site:</b>               | <b>Emerson EPT - Ithaca, NY</b>         | <b>Sample Date:</b> | <b>10/5/2010</b> |
| <b>Well Diameter</b>           | 2 in         | <b>Sampling Event</b>      | <b>Semi-Annual Groundwater Sampling</b> |                     |                  |
| <b>Depth to Water (btoc)</b>   | 10.21 ft     | <b>Samplers</b>            | IMP/MG                                  |                     |                  |
| <b>Total Well Depth (btoc)</b> | 20.00 ft     | <b>Weather Conditions:</b> | Rainy                                   |                     |                  |
| <b>Height of Water Column</b>  | 9.79 ft      | <b>Notes:</b>              | 470 ppm PID Wellhead                    |                     |                  |
| <b>Well Volume</b>             | 1.59 gal     |                            |   |                     |                  |

| <b>Instrument Calibration Information</b> |                |                       |   |                        |       |
|---|----------------|-----------------------|---|------------------------|-------|
| D.O. Meter Calibration                    |                | ORP Meter Calibration |   | S.C. Meter Calibration |       |
| DO slope =                                |                | ORP in stand.         |   | Expected S.C.          | Notes |
| DO in air =                               | mg/L           | T of stand.           |   | Measured S.C.          |       |
| Air temp =                                | °C             | Standard used:        |   |                        |       |
| <b>pH Meter Calibration</b>               |                |                       | Notes on calibration: Calibrated to manufacturer's specifications |                        |       |
| pH of Stand. 1                            | pH of Stand. 2 | Slope                 |   |                        |       |

| <b>Well Purging Information</b> |             |        |          |              |             |      |       |
|---------------------------------|-------------|--------|----------|--------------|-------------|------|-------|
| Purge Volume (gal)              | D.O. (mg/L) | T (°C) | ORP (mV) | S.C. (mS/cm) | Turb. (NTU) | pH   | Notes |
| 1.0                             | 2.45        | 14.01  | 186      | 6.07         | 0.9         | 6.38 |       |
| 2.0                             | 1.25        | 13.59  | 3.6      | 6.65         | 19.9        | 6.59 |       |
|                                 |             |        |          |              |             |      |       |
|                                 |             |        |          |              |             |      |       |
|                                 |             |        |          |              |             |      |       |

| <b>Laboratory Analysis Information</b> |              |              |             |            |                      |              |                                       |
|--|--------------|--------------|-------------|------------|----------------------|--------------|---------------------------------------|
| # of Bottles                           | Analytes     | Preservative | Bottle Type | Anal. Lab. | Filtered/ Unfiltered | Sample Time  | Comments                              |
| 3                                      | VOCs (8260B) | HCl          | 40 mL VOA   | Pace       | Unfiltered           | 10/5/10 9:15 | Bailed Dry, sampled after 2 well vols |



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**Groundwater Sampling Monitoring Form**

|                                |              |                            |   |                     |                  |
|--------------------------------|--------------|----------------------------|---|---------------------|------------------|
| <b>Well ID</b>                 | <b>MW-3B</b> | <b>Site:</b>               | <b>Emerson EPT - Ithaca, NY</b>         | <b>Sample Date:</b> | <b>10/5/2010</b> |
| <b>Well Diameter</b>           | 4 in         | <b>Sampling Event</b>      | <b>Semi-Annual Groundwater Sampling</b> |                     |                  |
| <b>Depth to Water (btoc)</b>   | 12.95 ft     | <b>Samplers</b>            | IMP/MG                                  |                     |                  |
| <b>Total Well Depth (btoc)</b> | 25.00 ft     | <b>Weather Conditions:</b> | Rainy                                   |                     |                  |
| <b>Height of Water Column</b>  | 12.05 ft     | <b>Notes:</b>              | 10.0 ppm PID Wellhead                   |                     |                  |
| <b>Well Volume</b>             | 7.86 gal     |                            |   |                     |                  |

| <b>Instrument Calibration Information</b> |                |   |  |                        |       |
|---|----------------|---|--|------------------------|-------|
| D.O. Meter Calibration                    |                | ORP Meter Calibration   |  | S.C. Meter Calibration |       |
| DO slope =                                |                | ORP in stand.   |  | Expected S.C.          | Notes |
| DO in air =                               | mg/L           | T of stand.   |  | Measured S.C.          |       |
| Air temp =                                | °C             | Standard used:  |  |                        |       |
| <b>pH Meter Calibration</b>               |                | Notes on calibration: Calibrated to manufacturer's specifications |  |                        |       |
| pH of Stand. 1                            | pH of Stand. 2 | Slope   |  |                        |       |
|   |                |   |  |                        |       |

| <b>Well Purging Information</b> |             |        |          |              |             |      |       |
|---------------------------------|-------------|--------|----------|--------------|-------------|------|-------|
| Purge Volume (gal)              | D.O. (mg/L) | T (°C) | ORP (mV) | S.C. (mS/cm) | Turb. (NTU) | pH   | Notes |
| 1.0                             | 20.34       | 14.1   | -88      | 2.28         | 1.8         | 7.67 |       |
| 30.0                            | 13.52       | 13.4   | -80      | 2.42         | 49.0        | 7.55 |       |
| 65.0                            | 33.71       | 12.7   | 13       | 2.64         | 99.2        | 7.70 |       |
|                                 |             |        |          |              |             |      |       |
|                                 |             |        |          |              |             |      |       |
|                                 |             |        |          |              |             |      |       |

| <b>Laboratory Analysis Information</b> |              |              |             |            |                      |               |                                    |
|--|--------------|--------------|-------------|------------|----------------------|---------------|------------------------------------|
| # of Bottles                           | Analytes     | Preservative | Bottle Type | Anal. Lab. | Filtered/ Unfiltered | Sample Time   | Comments                           |
| 3                                      | VOCs (8260B) | HCl          | 40 mL VOA   | Pace       | Unfiltered           | 10/5/10 10:10 | Bailed dry at 2 well vols, sampled |



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**Groundwater Sampling Monitoring Form**

|                                |              |                            |                                       |                     |                  |
|--------------------------------|--------------|----------------------------|---------------------------------------|---------------------|------------------|
| <b>Well ID</b>                 | <b>MW-4B</b> | <b>Site:</b>               | <b>Emerson EPT - Ithaca, NY</b>       | <b>Sample Date:</b> | <b>9/29/2010</b> |
| <b>Well Diameter</b>           | 4 in         | <b>Sampling Event</b>      | <b>Quarterly Groundwater Sampling</b> |                     |                  |
| <b>Depth to Water (btoc)</b>   | 19.20 ft     | <b>Samplers</b>            | ESR                                   |                     |                  |
| <b>Total Well Depth (btoc)</b> | 19.20 ft     | <b>Weather Conditions:</b> | Cloudy, 70 F                          |                     |                  |
| <b>Height of Water Column</b>  | 3.00 ft      | <b>Notes:</b>              |                                       |                     |                  |
| <b>Well Volume</b>             | ~2 gal       |                            |                                       |                     |                  |

| <b>Instrument Calibration Information</b> |                |  |  |                        |       |
|---|----------------|--|--|------------------------|-------|
| D.O. Meter Calibration                    |                | ORP Meter Calibration  |  | S.C. Meter Calibration |       |
| DO slope =                                |                | ORP in stand.  |  | Expected S.C.          | Notes |
| DO in air =                               | mg/L           | T of stand.  |  | Measured S.C.          |       |
| Air temp =                                | °C             | Standard used:   |  |                        |       |
| <b>pH Meter Calibration</b>               |                | Notes on calibration: Horiba U-52 water quality meter calibrated to manufacturer's specifications using auto-calibration solution. |  |                        |       |
| pH of Stand. 1                            | pH of Stand. 2 | Slope  |  |                        |       |
|   |                |  |  |                        |       |

| <b>Well Purging Information</b> |             |        |          |              |             |      |   |
|---------------------------------|-------------|--------|----------|--------------|-------------|------|---|
| Purge Volume (gal)              | D.O. (mg/L) | T (°C) | ORP (mV) | S.C. (mS/cm) | Turb. (NTU) | pH   | Notes   |
| Initial                         | 21.19       | 16.8   | -11      | 5.46         | 19.7        | 5.44 | Slightly cloudy/yellow                                  |
| 1.5                             | 9.65        | 16.0   | -74      | 5.04         | 46.5        | 6.10 |   |
| 2.0                             | 44.97       | 15.8   | -92      | 4.99         | 82.0        | 6.41 | Purged dry @ 2 gal, allow to recharge prior to sampling |
|                                 |             |        |          |              |             |      |   |
|                                 |             |        |          |              |             |      |   |
|                                 |             |        |          |              |             |      |   |

| <b>Laboratory Analysis Information</b> |              |              |             |            |                      |               |          |
|--|--------------|--------------|-------------|------------|----------------------|---------------|----------|
| # of Bottles                           | Analytes     | Preservative | Bottle Type | Anal. Lab. | Filtered/ Unfiltered | Sample Time   | Comments |
| 3                                      | VOCs (8260B) | HCl          | 40 mL VOA   | Pace       | Unfiltered           | 9/29/10 16:15 |          |



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**Groundwater Sampling Monitoring Form**

|                                |              |                            |                                       |                     |                   |
|--------------------------------|--------------|----------------------------|---------------------------------------|---------------------|-------------------|
| <b>Well ID</b>                 | <b>MW-4B</b> | <b>Site:</b>               | <b>Emerson EPT - Ithaca, NY</b>       | <b>Sample Date:</b> | <b>12/29/2010</b> |
| <b>Well Diameter</b>           | 4 in         | <b>Sampling Event</b>      | <b>Quarterly Groundwater Sampling</b> |                     |                   |
| <b>Depth to Water (btoc)</b>   | 19.38 ft     | <b>Samplers</b>            | ESR/RJW                               |                     |                   |
| <b>Total Well Depth (btoc)</b> | 22.23 ft     | <b>Weather Conditions:</b> | Cloudy                                |                     |                   |
| <b>Height of Water Column</b>  | 2.85 ft      | <b>Notes:</b>              |                                       |                     |                   |
| <b>Well Volume</b>             | 1.86 gal     |                            |                                       |                     |                   |

| <b>Instrument Calibration Information</b> |                |  |  |                        |       |
|---|----------------|--|--|------------------------|-------|
| D.O. Meter Calibration                    |                | ORP Meter Calibration  |  | S.C. Meter Calibration |       |
| DO slope =                                |                | ORP in stand.  |  | Expected S.C.          | Notes |
| DO in air =                               | mg/L           | T of stand.  |  | Measured S.C.          |       |
| Air temp =                                | 25-30 °C       | Standard used:   |  |                        |       |
| <b>pH Meter Calibration</b>               |                | Notes on calibration: Horiba U-52 water quality meter calibrated to manufacturer's specifications using auto-calibration solution. |  |                        |       |
| pH of Stand. 1                            | pH of Stand. 2 | Slope  |  |                        |       |
|   |                |  |  |                        |       |

| <b>Well Purging Information</b> |             |        |          |              |             |      |       |
|---------------------------------|-------------|--------|----------|--------------|-------------|------|-------|
| Purge Volume (gal)              | D.O. (mg/L) | T (°C) | ORP (mV) | S.C. (mS/cm) | Turb. (NTU) | pH   | Notes |
| Initial                         | 5.88        | 8.9    | 4        | 6.97         | 14.9        | 7.06 |       |
| 1.0                             | 2.50        | 10.5   | -63      | 7.03         | 43.7        | 7.15 |       |
| 2.0                             | 2.90        | 10.4   | -69      | 3.52         | 60.7        | 7.22 |       |
|                                 |             |        |          |              |             |      |       |
|                                 |             |        |          |              |             |      |       |
|                                 |             |        |          |              |             |      |       |

| <b>Laboratory Analysis Information</b> |              |              |             |            |                      |                |          |
|--|--------------|--------------|-------------|------------|----------------------|----------------|----------|
| # of Bottles                           | Analytes     | Preservative | Bottle Type | Anal. Lab. | Filtered/ Unfiltered | Sample Time    | Comments |
| 3                                      | VOCs (8260B) | HCl          | 40 mL VOA   | Pace       | Unfiltered           | 12/29/10 15:50 |          |



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**Groundwater Sampling Monitoring Form**

|                                |              |                            |                                       |                     |                  |
|--------------------------------|--------------|----------------------------|---------------------------------------|---------------------|------------------|
| <b>Well ID</b>                 | <b>MW-5B</b> | <b>Site:</b>               | <b>Emerson EPT - Ithaca, NY</b>       | <b>Sample Date:</b> | <b>9/29/2010</b> |
| <b>Well Diameter</b>           | 4 in         | <b>Sampling Event</b>      | <b>Quarterly Groundwater Sampling</b> |                     |                  |
| <b>Depth to Water (btoc)</b>   | 10.00 ft     | <b>Samplers</b>            | ESR                                   |                     |                  |
| <b>Total Well Depth (btoc)</b> | 18.00 ft     | <b>Weather Conditions:</b> | Cloudy, 70 F                          |                     |                  |
| <b>Height of Water Column</b>  | 8.00 ft      | <b>Notes:</b>              |                                       |                     |                  |
| <b>Well Volume</b>             | 5.20 gal     |                            |                                       |                     |                  |

| <b>Instrument Calibration Information</b> |                |  |  |                        |       |
|---|----------------|--|--|------------------------|-------|
| D.O. Meter Calibration                    |                | ORP Meter Calibration  |  | S.C. Meter Calibration |       |
| DO slope =                                |                | ORP in stand.  |  | Expected S.C.          | Notes |
| DO in air =                               | mg/L           | T of stand.  |  | Measured S.C.          |       |
| Air temp =                                | °C             | Standard used:   |  |                        |       |
| <b>pH Meter Calibration</b>               |                | Notes on calibration: Horiba U-52 water quality meter calibrated to manufacturer's specifications using auto-calibration solution. |  |                        |       |
| pH of Stand. 1                            | pH of Stand. 2 | Slope  |  |                        |       |

| <b>Well Purging Information</b> |             |        |          |              |             |      |   |
|---------------------------------|-------------|--------|----------|--------------|-------------|------|---|
| Purge Volume (gal)              | D.O. (mg/L) | T (°C) | ORP (mV) | S.C. (mS/cm) | Turb. (NTU) | pH   | Notes   |
| Initial                         | error       | 15.6   | -56      | 1.95         | 129.0       | 6.82 | Brown/cloudy  |
| 2.5                             | error       | 15.4   | -47      | 1.69         | 88.5        | 6.87 |   |
| 6.0                             | error       | 15.3   | -31      | 1.45         | error       | 6.79 |   |
| 7                               | error       | 15.16  | -8       | 1.62         | error       | 6.70 | Purged dry @ 7 gal, allow to recharge prior to sampling |
|                                 |             |        |          |              |             |      |   |
|                                 |             |        |          |              |             |      |   |

| <b>Laboratory Analysis Information</b> |              |              |             |            |                      |               |          |
|--|--------------|--------------|-------------|------------|----------------------|---------------|----------|
| # of Bottles                           | Analytes     | Preservative | Bottle Type | Anal. Lab. | Filtered/ Unfiltered | Sample Time   | Comments |
| 3                                      | VOCs (8260B) | HCl          | 40 mL VOA   | Pace       | Unfiltered           | 9/29/10 17:03 |          |



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**Groundwater Sampling Monitoring Form**

|                                |              |                            |                                       |                     |                   |
|--------------------------------|--------------|----------------------------|---------------------------------------|---------------------|-------------------|
| <b>Well ID</b>                 | <b>MW-5B</b> | <b>Site:</b>               | <b>Emerson EPT - Ithaca, NY</b>       | <b>Sample Date:</b> | <b>12/29/2010</b> |
| <b>Well Diameter</b>           | 4 in         | <b>Sampling Event</b>      | <b>Quarterly Groundwater Sampling</b> |                     |                   |
| <b>Depth to Water (btoc)</b>   | 14.34 ft     | <b>Samplers</b>            | ESR/RJW                               |                     |                   |
| <b>Total Well Depth (btoc)</b> | 18.15 ft     | <b>Weather Conditions:</b> | Cloud, Flurries                       |                     |                   |
| <b>Height of Water Column</b>  | 3.81 ft      | <b>Notes:</b>              |                                       |                     |                   |
| <b>Well Volume</b>             | 2.49 gal     |                            |                                       |                     |                   |

**Instrument Calibration Information**

| D.O. Meter Calibration      |                | ORP Meter Calibration |  | S.C. Meter Calibration |               |       |
|-----------------------------|----------------|-----------------------|--|------------------------|---------------|-------|
| DO slope =                  |                | ORP in stand.         |  | Expected S.C.          | Measured S.C. | Notes |
| DO in air =                 | mg/L           | T of stand.           |  |                        |               |       |
| Air temp =                  | 25 °C          | Standard used:        |  |                        |               |       |
| <b>pH Meter Calibration</b> |                |                       | Notes on calibration: Horiba U-52 water quality meter calibrated to manufacturer's specifications using auto-calibration solution. |                        |               |       |
| pH of Stand. 1              | pH of Stand. 2 | Slope                 |  |                        |               |       |
|                             |                |                       |  |                        |               |       |

**Well Purging Information**

| Purge Volume (gal) | D.O. (mg/L) | T (°C) | ORP (mV) | S.C. (mS/cm) | Turb. (NTU) | pH   | Notes   |
|--------------------|-------------|--------|----------|--------------|-------------|------|---|
| Initial            | 9.97        | 10.2   | 114      | 2.75         | 35.5        | 7.54 |   |
| 1.0                | 6.02        | 11.3   | 67       | 2.88         | 93.7        | 7.35 |   |
| 1.5                | 8.81        | 11.3   | 62       | 2.68         | error       | 7.27 |   |
| 2.0                | 3.64        | 11.62  | 41       | 2.88         | error       | 7.09 | Purged dry, allow to recharge prior to sampling |
|                    |             |        |          |              |             |      |   |
|                    |             |        |          |              |             |      |   |

**Laboratory Analysis Information**

| # of Bottles | Analytes     | Preservative | Bottle Type | Anal. Lab. | Filtered/ Unfiltered | Sample Time    | Comments |
|--------------|--------------|--------------|-------------|------------|----------------------|----------------|----------|
| 3            | VOCs (8260B) | HCl          | 40 mL VOA   | Pace       | Unfiltered           | 12/29/10 16:00 |          |



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**Groundwater Sampling Monitoring Form**

|                                |                |                            |   |                     |                  |
|--------------------------------|----------------|----------------------------|---|---------------------|------------------|
| <b>Well ID</b>                 | <b>MW-5-40</b> | <b>Site:</b>               | <b>Emerson EPT - Ithaca, NY</b>         | <b>Sample Date:</b> | <b>10/4/2010</b> |
| <b>Well Diameter</b>           | 4 in           | <b>Sampling Event</b>      | <b>Semi-Annual Groundwater Sampling</b> |                     |                  |
| <b>Depth to Water (btoc)</b>   | 30.00 ft       | <b>Samplers</b>            | IMP/MG                                  |                     |                  |
| <b>Total Well Depth (btoc)</b> | 40.00 ft       | <b>Weather Conditions:</b> | Rainy                                   |                     |                  |
| <b>Height of Water Column</b>  | 10.00 ft       | <b>Notes:</b>              | 0.0 ppm PID Wellhead                    |                     |                  |
| <b>Well Volume</b>             | 6.53 gal       |                            |   |                     |                  |

| <b>Instrument Calibration Information</b> |                |   |  |                        |       |
|---|----------------|---|--|------------------------|-------|
| D.O. Meter Calibration                    |                | ORP Meter Calibration   |  | S.C. Meter Calibration |       |
| DO slope =                                |                | ORP in stand.   |  | Expected S.C.          | Notes |
| DO in air =                               | mg/L           | T of stand.   |  | Measured S.C.          |       |
| Air temp =                                | °C             | Standard used:  |  |                        |       |
| <b>pH Meter Calibration</b>               |                | Notes on calibration: Calibrated to manufacturer's specifications |  |                        |       |
| pH of Stand. 1                            | pH of Stand. 2 | Slope   |  |                        |       |
|   |                |   |  |                        |       |

| <b>Well Purging Information</b> |             |        |          |              |             |      |                     |
|---------------------------------|-------------|--------|----------|--------------|-------------|------|---------------------|
| Purge Volume (gal)              | D.O. (mg/L) | T (°C) | ORP (mV) | S.C. (mS/cm) | Turb. (NTU) | pH   | Notes               |
| 1.0                             | 50.00       | 14.6   | 185      | 1.6          | 4.4         | 7.70 | Bailed Dry at 1 gal |
|                                 |             |        |          |              |             |      |                     |
|                                 |             |        |          |              |             |      |                     |
|                                 |             |        |          |              |             |      |                     |
|                                 |             |        |          |              |             |      |                     |

| <b>Laboratory Analysis Information</b> |              |              |             |            |                      |               |          |
|--|--------------|--------------|-------------|------------|----------------------|---------------|----------|
| # of Bottles                           | Analytes     | Preservative | Bottle Type | Anal. Lab. | Filtered/ Unfiltered | Sample Time   | Comments |
| 3                                      | VOCs (8260B) | HCl          | 40 mL VOA   | Pace       | Unfiltered           | 10/4/10 16:58 |          |



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**Groundwater Sampling Monitoring Form**

|                                |                 |                            |   |                     |                  |
|--------------------------------|-----------------|----------------------------|---|---------------------|------------------|
| <b>Well ID</b>                 | <b>MW-5-100</b> | <b>Site:</b>               | <b>Emerson EPT - Ithaca, NY</b>         | <b>Sample Date:</b> | <b>10/4/2010</b> |
| <b>Well Diameter</b>           | 2 in            | <b>Sampling Event</b>      | <b>Semi-Annual Groundwater Sampling</b> |                     |                  |
| <b>Depth to Water (btoc)</b>   | 94.25 ft        | <b>Samplers</b>            | IMP/MG                                  |                     |                  |
| <b>Total Well Depth (btoc)</b> | 100.00 ft       | <b>Weather Conditions:</b> | Rainy                                   |                     |                  |
| <b>Height of Water Column</b>  | 5.75 ft         | <b>Notes:</b>              | 0.0 ppm PID Wellhead                    |                     |                  |
| <b>Well Volume</b>             | 0.94 gal        |                            |   |                     |                  |

| <b>Instrument Calibration Information</b> |                |   |  |                        |       |
|---|----------------|---|--|------------------------|-------|
| D.O. Meter Calibration                    |                | ORP Meter Calibration   |  | S.C. Meter Calibration |       |
| DO slope =                                |                | ORP in stand.   |  | Expected S.C.          | Notes |
| DO in air =                               | mg/L           | T of stand.   |  | Measured S.C.          |       |
| Air temp =                                | °C             | Standard used:  |  |                        |       |
| <b>pH Meter Calibration</b>               |                | Notes on calibration: Calibrated to manufacturer's specifications |  |                        |       |
| pH of Stand. 1                            | pH of Stand. 2 | Slope   |  |                        |       |
|   |                |   |  |                        |       |

| <b>Well Purging Information</b> |             |        |          |              |             |      |                     |
|---------------------------------|-------------|--------|----------|--------------|-------------|------|---------------------|
| Purge Volume (gal)              | D.O. (mg/L) | T (°C) | ORP (mV) | S.C. (mS/cm) | Turb. (NTU) | pH   | Notes               |
| 1.0                             | 10.75       | 14.0   | -59      | 8.4          | 0.0         | 6.89 | Balied dry at 1 gal |
|                                 |             |        |          |              |             |      |                     |
|                                 |             |        |          |              |             |      |                     |
|                                 |             |        |          |              |             |      |                     |
|                                 |             |        |          |              |             |      |                     |

| <b>Laboratory Analysis Information</b> |              |              |             |            |                      |               |          |
|--|--------------|--------------|-------------|------------|----------------------|---------------|----------|
| # of Bottles                           | Analytes     | Preservative | Bottle Type | Anal. Lab. | Filtered/ Unfiltered | Sample Time   | Comments |
| 3                                      | VOCs (8260B) | HCl          | 40 mL VOA   | Pace       | Unfiltered           | 10/4/10 17:05 |          |



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**Groundwater Sampling Monitoring Form**

|                                |                |                            |   |                     |                  |
|--------------------------------|----------------|----------------------------|---|---------------------|------------------|
| <b>Well ID</b>                 | <b>MW-7-40</b> | <b>Site:</b>               | <b>Emerson EPT - Ithaca, NY</b>         | <b>Sample Date:</b> | <b>10/6/2010</b> |
| <b>Well Diameter</b>           | 4 in           | <b>Sampling Event</b>      | <b>Semi-Annual Groundwater Sampling</b> |                     |                  |
| <b>Depth to Water (btoc)</b>   | 17.79 ft       | <b>Samplers</b>            | IMP/MG                                  |                     |                  |
| <b>Total Well Depth (btoc)</b> | 40.00 ft       | <b>Weather Conditions:</b> | Overcast 60s F                          |                     |                  |
| <b>Height of Water Column</b>  | 22.21 ft       | <b>Notes:</b>              | 0.0 ppm PID Wellhead                    |                     |                  |
| <b>Well Volume</b>             | 14.49 gal      |                            |   |                     |                  |

| <b>Instrument Calibration Information</b> |                |                       |   |                        |       |
|---|----------------|-----------------------|---|------------------------|-------|
| D.O. Meter Calibration                    |                | ORP Meter Calibration |   | S.C. Meter Calibration |       |
| DO slope =                                |                | ORP in stand.         |   | Expected S.C.          | Notes |
| DO in air =                               | mg/L           | T of stand.           |   | Measured S.C.          |       |
| Air temp =                                | °C             | Standard used:        |   |                        |       |
| <b>pH Meter Calibration</b>               |                |                       | Notes on calibration: Calibrated to manufacturer's specifications |                        |       |
| pH of Stand. 1                            | pH of Stand. 2 | Slope                 |   |                        |       |

| <b>Well Purging Information</b> |             |        |          |              |             |      |       |
|---------------------------------|-------------|--------|----------|--------------|-------------|------|-------|
| Purge Volume (gal)              | D.O. (mg/L) | T (°C) | ORP (mV) | S.C. (mS/cm) | Turb. (NTU) | pH   | Notes |
| 1                               | 14.35       | 11.43  | 143      | 2.00         | 0.0         | 7.77 |       |
| 15                              | 30.86       | 13.39  | 121      | 2.12         | 5.6         | 7.78 |       |
|                                 |             |        |          |              |             |      |       |
|                                 |             |        |          |              |             |      |       |
|                                 |             |        |          |              |             |      |       |

| <b>Laboratory Analysis Information</b> |              |              |             |            |                      |               |                               |
|--|--------------|--------------|-------------|------------|----------------------|---------------|-------------------------------|
| # of Bottles                           | Analytes     | Preservative | Bottle Type | Anal. Lab. | Filtered/ Unfiltered | Sample Time   | Comments                      |
| 3                                      | VOCs (8260B) | HCl          | 40 mL VOA   | Pace       | Unfiltered           | 10/6/10 10:10 | Dry at 1 well volume, sampled |



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**Groundwater Sampling Monitoring Form**

|                                |                |                            |   |                     |                                |
|--------------------------------|----------------|----------------------------|---|---------------------|--------------------------------|
| <b>Well ID</b>                 | <b>MW-8-40</b> | <b>Site:</b>               | <b>Emerson EPT - Ithaca, NY</b>         | <b>Sample Date:</b> | 10/5/10, re sampled- 10/7/2010 |
| <b>Well Diameter</b>           | 4 in           | <b>Sampling Event</b>      | <b>Semi-Annual Groundwater Sampling</b> |                     |                                |
| <b>Depth to Water (btoc)</b>   | 32.66 ft       | <b>Samplers</b>            | IMP/MG                                  |                     |                                |
| <b>Total Well Depth (btoc)</b> | 43.00 ft       | <b>Weather Conditions:</b> | Rainy                                   |                     |                                |
| <b>Height of Water Column</b>  | 10.34 ft       | <b>Notes:</b>              | 0.0 ppm PID Wellhead                    |                     |                                |
| <b>Well Volume</b>             | 6.75 gal       |                            |   |                     |                                |

**Instrument Calibration Information**

| D.O. Meter Calibration |                | ORP Meter Calibration |   | S.C. Meter Calibration |               |       |
|------------------------|----------------|-----------------------|---|------------------------|---------------|-------|
| DO slope =             |                | ORP in stand.         |   | Expected S.C.          | Measured S.C. | Notes |
| DO in air =            | mg/L           | T of stand.           |   |                        |               |       |
| Air temp =             | °C             | Standard used:        |   |                        |               |       |
| pH Meter Calibration   |                |                       | Notes on calibration: Calibrated to manufacturer's specifications |                        |               |       |
| pH of Stand. 1         | pH of Stand. 2 | Slope                 |   |                        |               |       |
|                        |                |                       |   |                        |               |       |

**Well Purging Information**

| Purge Volume (gal) | D.O. (mg/L) | T (°C) | ORP (mV) | S.C. (mS/cm) | Turb. (NTU) | pH   | Notes   |
|--------------------|-------------|--------|----------|--------------|-------------|------|---|
| 1.0                | 36.06       | 10.50  | 107      | 3.21         | 4.2         | 7.81 | Balied dry at 1 well volume, recharge ~2"/day |
|                    |             |        |          |              |             |      |   |
|                    |             |        |          |              |             |      |   |
|                    |             |        |          |              |             |      |   |
|                    |             |        |          |              |             |      |   |

**Laboratory Analysis Information**

| # of Bottles | Analytes     | Preservative | Bottle Type | Anal. Lab. | Filtered/ Unfiltered | Sample Time   | Comments                                |
|--------------|--------------|--------------|-------------|------------|----------------------|---------------|---|
| 2            | VOCs (8260B) | HCl          | 40 mL VOA   | Pace       | Unfiltered           | 10/7/10 10:30 | returned 48hrs, allow recharge, 2 vials |



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**Groundwater Sampling Monitoring Form**

|                                |                  |                            |   |                     |                  |
|--------------------------------|------------------|----------------------------|---|---------------------|------------------|
| <b>Well ID</b>                 | <b>MW-16-100</b> | <b>Site:</b>               | <b>Emerson EPT - Ithaca, NY</b>         | <b>Sample Date:</b> | <b>10/6/2010</b> |
| <b>Well Diameter</b>           | 2 in             | <b>Sampling Event</b>      | <b>Semi-Annual Groundwater Sampling</b> |                     |                  |
| <b>Depth to Water (btoc)</b>   | 74.75 ft         | <b>Samplers</b>            | IMP/MG                                  |                     |                  |
| <b>Total Well Depth (btoc)</b> | 100.00 ft        | <b>Weather Conditions:</b> | Overcast 60s F                          |                     |                  |
| <b>Height of Water Column</b>  | 25.25 ft         | <b>Notes:</b>              | 3.0 ppm PID Wellhead                    |                     |                  |
| <b>Well Volume</b>             | 4.11 gal         |                            |   |                     |                  |

**Instrument Calibration Information**

| D.O. Meter Calibration      |                | ORP Meter Calibration   |  | S.C. Meter Calibration |               |       |
|-----------------------------|----------------|---|--|------------------------|---------------|-------|
| DO slope =                  |                | ORP in stand.   |  | Expected S.C.          | Measured S.C. | Notes |
| DO in air =                 | mg/L           | T of stand.   |  |                        |               |       |
| Air temp =                  | °C             | Standard used:  |  |                        |               |       |
| <b>pH Meter Calibration</b> |                | Notes on calibration: Calibrated to manufacturer's specifications |  |                        |               |       |
| pH of Stand. 1              | pH of Stand. 2 | Slope   |  |                        |               |       |
|                             |                |   |  |                        |               |       |

**Well Purging Information**

| Purge Volume (gal) | D.O. (mg/L) | T (°C) | ORP (mV) | S.C. (mS/cm) | Turb. (NTU) | pH   | Notes |
|--------------------|-------------|--------|----------|--------------|-------------|------|-------|
| 2.0                | 10.02       | 14.36  | 65       | 1.80         | 0.9         | 8.71 |       |
| 20.0               | 7.02        | 13.21  | 55       | 1.76         | 0.3         | 9.26 |       |
| 40.0               | 15.46       | 13.82  | 60       | 1.80         | 1.2         | 9.21 |       |
|                    |             |        |          |              |             |      |       |
|                    |             |        |          |              |             |      |       |
|                    |             |        |          |              |             |      |       |

**Laboratory Analysis Information**

| # of Bottles | Analytes     | Preservative | Bottle Type | Anal. Lab. | Filtered/ Unfiltered | Sample Time   | Comments |
|--------------|--------------|--------------|-------------|------------|----------------------|---------------|----------|
| 3            | VOCs (8260B) | HCl          | 40 mL VOA   | Pace       | Unfiltered           | 10/6/10 10:19 |          |



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**Groundwater Sampling Monitoring Form**

|                                |                 |                            |   |                     |                  |
|--------------------------------|-----------------|----------------------------|---|---------------------|------------------|
| <b>Well ID</b>                 | <b>MW-17-40</b> | <b>Site:</b>               | <b>Emerson EPT - Ithaca, NY</b>                 | <b>Sample Date:</b> | <b>10/6/2010</b> |
| <b>Well Diameter</b>           | 4 in            | <b>Sampling Event</b>      | <b>Semi-Annual Groundwater Sampling</b>         |                     |                  |
| <b>Depth to Water (btoc)</b>   | 2.71 ft         | <b>Samplers</b>            | IMP/MG  |                     |                  |
| <b>Total Well Depth (btoc)</b> | 40.00 ft        | <b>Weather Conditions:</b> | Overcast 60s F                                  |                     |                  |
| <b>Height of Water Column</b>  | 37.29 ft        | <b>Notes:</b>              | 0.0 ppm PID Wellhead, Downhole submersible pump |                     |                  |
| <b>Well Volume</b>             | 24.34 gal       |                            |   |                     |                  |

**Instrument Calibration Information**

| D.O. Meter Calibration      |                | ORP Meter Calibration   |  | S.C. Meter Calibration |               |       |
|-----------------------------|----------------|---|--|------------------------|---------------|-------|
| DO slope =                  |                | ORP in stand.   |  | Expected S.C.          | Measured S.C. | Notes |
| DO in air =                 | mg/L           | T of stand.   |  |                        |               |       |
| Air temp =                  | °C             | Standard used:  |  |                        |               |       |
| <b>pH Meter Calibration</b> |                | Notes on calibration: Calibrated to manufacturer's specifications |  |                        |               |       |
| pH of Stand. 1              | pH of Stand. 2 | Slope   |  |                        |               |       |

**Well Purging Information**

| Purge Volume (gal) | D.O. (mg/L) | T (°C) | ORP (mV) | S.C. (mS/cm) | Turb. (NTU) | pH   | Notes                  |
|--------------------|-------------|--------|----------|--------------|-------------|------|------------------------|
| 1.0                | 2.24        | 13.53  | -44      | 1.53         | 3.6         | 8.76 |                        |
| 2.0                | 5.57        | 13.55  | -15      | 1.61         | 68.4        | 8.87 |                        |
| 3.0                | 3.64        | 13.07  | -12      | 1.69         | 684         | 8.82 |                        |
| 4.0                | 1.25        | 13.56  | -26      | 1.73         | 78          | 8.9  | Purge rate approx 2gpm |
|                    |             |        |          |              |             |      |                        |
|                    |             |        |          |              |             |      |                        |

**Laboratory Analysis Information**

| # of Bottles | Analytes     | Preservative | Bottle Type | Anal. Lab. | Filtered/ Unfiltered | Sample Time   | Comments |
|--------------|--------------|--------------|-------------|------------|----------------------|---------------|----------|
| 3            | VOCs (8260B) | HCl          | 40 mL VOA   | Pace       | Unfiltered           | 10/6/10 14:40 |          |



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**Groundwater Sampling Monitoring Form**

|                                |               |                            |   |                     |                  |
|--------------------------------|---------------|----------------------------|---|---------------------|------------------|
| <b>Well ID</b>                 | <b>MW-18A</b> | <b>Site:</b>               | <b>Emerson EPT - Ithaca, NY</b>         | <b>Sample Date:</b> | <b>10/7/2010</b> |
| <b>Well Diameter</b>           | 2 in          | <b>Sampling Event</b>      | <b>Semi-Annual Groundwater Sampling</b> |                     |                  |
| <b>Depth to Water (btoc)</b>   | 13.09 ft      | <b>Samplers</b>            | IMP/MG                                  |                     |                  |
| <b>Total Well Depth (btoc)</b> | 19.61 ft      | <b>Weather Conditions:</b> | Rainy                                   |                     |                  |
| <b>Height of Water Column</b>  | 6.52 ft       | <b>Notes:</b>              | 0.0 ppm PID Wellhead                    |                     |                  |
| <b>Well Volume</b>             | 1.06 gal      |                            |   |                     |                  |

**Instrument Calibration Information**

| D.O. Meter Calibration      |                | ORP Meter Calibration   |  | S.C. Meter Calibration |       |
|-----------------------------|----------------|---|--|------------------------|-------|
| DO slope =                  |                | ORP in stand.   |  | Expected S.C.          | Notes |
| DO in air =                 | mg/L           | T of stand.   |  | Measured S.C.          |       |
| Air temp =                  | °C             | Standard used:  |  |                        |       |
| <b>pH Meter Calibration</b> |                | Notes on calibration: Calibrated to manufacturer's specifications |  |                        |       |
| pH of Stand. 1              | pH of Stand. 2 | Slope   |  |                        |       |

**Well Purging Information**

| Purge Volume (gal) | D.O. (mg/L) | T (°C) | ORP (mV) | S.C. (mS/cm) | Turb. (NTU) | pH   | Notes |
|--------------------|-------------|--------|----------|--------------|-------------|------|-------|
| 1.0                | 17.00       | 13.35  | -9       | 0.668        | 3.5         | 7.79 |       |
| 4.0                | 9.39        | 13.03  | -27      | 0.722        | 4.3         | 7.50 |       |
| 8.0                | 8.64        | 12.74  | -50      | 0.744        | 21.0        | 7.39 |       |
| 12.0               | 9.22        | 12.69  | -77      | 0.752        | 59.3        | 7.26 |       |
|                    |             |        |          |              |             |      |       |

**Laboratory Analysis Information**

| # of Bottles | Analytes     | Preservative | Bottle Type | Anal. Lab. | Filtered/ Unfiltered | Sample Time   | Comments                                |
|--------------|--------------|--------------|-------------|------------|----------------------|---------------|---|
| 3            | VOCs (8260B) | HCl          | 40 mL VOA   | Pace       | Unfiltered           | 10/7/10 13:00 | Sample                                  |
| 3            | VOCs (8260B) | HCl          | 40 mL VOA   | Pace       | Unfiltered           | 10/7/10 16:00 | Duplicate, false time 1600, ID- MW-1007 |
| 3            | VOCs (8260B) | HCl          | 40 mL VOA   | Pace       | Unfiltered           | 10/7/10 13:00 | MS                                      |
| 3            | VOCs (8260B) | HCl          | 40 mL VOA   | Pace       | Unfiltered           | 10/7/10 13:00 | MSD                                     |



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**Groundwater Sampling Monitoring Form**

|                                |               |                            |   |                     |                  |
|--------------------------------|---------------|----------------------------|---|---------------------|------------------|
| <b>Well ID</b>                 | <b>MW-19A</b> | <b>Site:</b>               | <b>Emerson EPT - Ithaca, NY</b>         | <b>Sample Date:</b> | <b>10/5/2010</b> |
| <b>Well Diameter</b>           | 2 in          | <b>Sampling Event</b>      | <b>Semi-Annual Groundwater Sampling</b> |                     |                  |
| <b>Depth to Water (btoc)</b>   | 4.56 ft       | <b>Samplers</b>            | IMP/MG                                  |                     |                  |
| <b>Total Well Depth (btoc)</b> | 20.20 ft      | <b>Weather Conditions:</b> | Rainy                                   |                     |                  |
| <b>Height of Water Column</b>  | 15.64 ft      | <b>Notes:</b>              | 0.0 ppm PID Wellhead                    |                     |                  |
| <b>Well Volume</b>             | 2.55 gal      |                            |   |                     |                  |

**Instrument Calibration Information**

| D.O. Meter Calibration      |                | ORP Meter Calibration |   | S.C. Meter Calibration |               |       |
|-----------------------------|----------------|-----------------------|---|------------------------|---------------|-------|
| DO slope =                  |                | ORP in stand.         |   | Expected S.C.          | Measured S.C. | Notes |
| DO in air =                 | mg/L           | T of stand.           |   |                        |               |       |
| Air temp =                  | °C             | Standard used:        |   |                        |               |       |
| <b>pH Meter Calibration</b> |                |                       | Notes on calibration: Calibrated to manufacturer's specifications |                        |               |       |
| pH of Stand. 1              | pH of Stand. 2 | Slope                 |   |                        |               |       |

**Well Purging Information**

| Purge Volume (gal) | D.O. (mg/L) | T (°C) | ORP (mV) | S.C. (mS/cm) | Turb. (NTU) | pH   | Notes |
|--------------------|-------------|--------|----------|--------------|-------------|------|-------|
| 1.0                | 21.38       | 13.48  | -115     | 1.29         | 23.3        | 7.43 |       |
| 10.0               | 6.32        | 13.59  | -112     | 1.22         | 60.3        | 7.18 |       |
| 20.0               | 8.20        | 13.57  | -112     | 1.16         | 141         | 7.05 |       |
| 30.0               | 17.93       | 13.55  | -107     | 1.14         | 113         | 7.00 |       |
|                    |             |        |          |              |             |      |       |
|                    |             |        |          |              |             |      |       |

**Laboratory Analysis Information**

| # of Bottles | Analytes     | Preservative | Bottle Type | Anal. Lab. | Filtered/ Unfiltered | Sample Time   | Comments |
|--------------|--------------|--------------|-------------|------------|----------------------|---------------|----------|
| 3            | VOCs (8260B) | HCl          | 40 mL VOA   | Pace       | Unfiltered           | 10/5/10 16:45 |          |



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**Groundwater Sampling Monitoring Form**

|                                |               |                            |   |                     |                  |
|--------------------------------|---------------|----------------------------|---|---------------------|------------------|
| <b>Well ID</b>                 | <b>MW-20B</b> | <b>Site:</b>               | <b>Emerson EPT - Ithaca, NY</b>         | <b>Sample Date:</b> | <b>10/5/2010</b> |
| <b>Well Diameter</b>           | 2 in          | <b>Sampling Event</b>      | <b>Semi-Annual Groundwater Sampling</b> |                     |                  |
| <b>Depth to Water (btoc)</b>   | 11.71 ft      | <b>Samplers</b>            | IMP/MG                                  |                     |                  |
| <b>Total Well Depth (btoc)</b> | 20 ft         | <b>Weather Conditions:</b> | Rainy                                   |                     |                  |
| <b>Height of Water Column</b>  | 8.29 ft       | <b>Notes:</b>              | 0.0 ppm PID Wellhead                    |                     |                  |
| <b>Well Volume</b>             | 1.35 gal      |                            |   |                     |                  |

**Instrument Calibration Information**

| D.O. Meter Calibration      |                | ORP Meter Calibration   |  | S.C. Meter Calibration |               |       |
|-----------------------------|----------------|---|--|------------------------|---------------|-------|
| DO slope =                  |                | ORP in stand.   |  | Expected S.C.          | Measured S.C. | Notes |
| DO in air =                 | mg/L           | T of stand.   |  |                        |               |       |
| Air temp =                  | °C             | Standard used:  |  |                        |               |       |
| <b>pH Meter Calibration</b> |                | Notes on calibration: Calibrated to manufacturer's specifications |  |                        |               |       |
| pH of Stand. 1              | pH of Stand. 2 | Slope   |  |                        |               |       |

**Well Purging Information**

| Purge Volume (gal) | D.O. (mg/L) | T (°C) | ORP (mV) | S.C. (mS/cm) | Turb. (NTU) | pH   | Notes |
|--------------------|-------------|--------|----------|--------------|-------------|------|-------|
| 0.3                | 5.25        | 12.86  | 153      | 2.64         | 0           | 7.45 |       |
| 1.0                | 3.54        | 12.65  | 195      | 3.18         | 7.7         | 7.40 |       |
| 2.0                | 3.28        | 12.38  | 196      | 3.35         | 14.2        | 7.41 |       |
| 3.0                | 1.5         | 12.14  | 201      | 4.14         | 29          | 7.41 |       |
|                    |             |        |          |              |             |      |       |
|                    |             |        |          |              |             |      |       |

**Laboratory Analysis Information**

| # of Bottles | Analytes     | Preservative | Bottle Type | Anal. Lab. | Filtered/ Unfiltered | Sample Time   | Comments |
|--------------|--------------|--------------|-------------|------------|----------------------|---------------|----------|
| 3            | VOCs (8260B) | HCl          | 40 mL VOA   | Pace       | Unfiltered           | 10/5/10 12:15 |          |



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**Groundwater Sampling Monitoring Form**

|                                |               |                            |   |                     |                  |
|--------------------------------|---------------|----------------------------|---|---------------------|------------------|
| <b>Well ID</b>                 | <b>MW-21B</b> | <b>Site:</b>               | <b>Emerson EPT - Ithaca, NY</b>         | <b>Sample Date:</b> | <b>10/5/2010</b> |
| <b>Well Diameter</b>           | 2 in          | <b>Sampling Event</b>      | <b>Semi-Annual Groundwater Sampling</b> |                     |                  |
| <b>Depth to Water (btoc)</b>   | 12.50 ft      | <b>Samplers</b>            | IMP/MG                                  |                     |                  |
| <b>Total Well Depth (btoc)</b> | 15.66 ft      | <b>Weather Conditions:</b> | Rainy                                   |                     |                  |
| <b>Height of Water Column</b>  | 3.16 ft       | <b>Notes:</b>              | 0.0 ppm PID Wellhead                    |                     |                  |
| <b>Well Volume</b>             | 0.52 gal      |                            |   |                     |                  |

**Instrument Calibration Information**

| D.O. Meter Calibration      |                | ORP Meter Calibration   |  | S.C. Meter Calibration |               |       |
|-----------------------------|----------------|---|--|------------------------|---------------|-------|
| DO slope =                  |                | ORP in stand.   |  | Expected S.C.          | Measured S.C. | Notes |
| DO in air =                 | mg/L           | T of stand.   |  |                        |               |       |
| Air temp =                  | °C             | Standard used:  |  |                        |               |       |
| <b>pH Meter Calibration</b> |                | Notes on calibration: Calibrated to manufacturer's specifications |  |                        |               |       |
| pH of Stand. 1              | pH of Stand. 2 | Slope   |  |                        |               |       |

**Well Purging Information**

| Purge Volume (gal) | D.O. (mg/L) | T (°C) | ORP (mV) | S.C. (mS/cm) | Turb. (NTU) | pH   | Notes |
|--------------------|-------------|--------|----------|--------------|-------------|------|-------|
| 0.3                | 4.95        | 13.74  | 133      | 3.84         | 5.5         | 7.56 |       |
| 1.0                | 5.19        | 12.88  | 147      | 4.27         | 799         | 7.55 |       |
|                    |             |        |          |              |             |      |       |
|                    |             |        |          |              |             |      |       |
|                    |             |        |          |              |             |      |       |
|                    |             |        |          |              |             |      |       |

**Laboratory Analysis Information**

| # of Bottles | Analytes     | Preservative | Bottle Type | Anal. Lab. | Filtered/ Unfiltered | Sample Time   | Comments |
|--------------|--------------|--------------|-------------|------------|----------------------|---------------|----------|
| 3            | VOCs (8260B) | HCl          | 40 mL VOA   | Pace       | Unfiltered           | 10/5/10 13:35 |          |



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|                                |               |                            |   |                     |                  |
|--------------------------------|---------------|----------------------------|---|---------------------|------------------|
| <b>Well ID</b>                 | <b>MW-22B</b> | <b>Site:</b>               | <b>Emerson EPT - Ithaca, NY</b>         | <b>Sample Date:</b> | <b>10/5/2010</b> |
| <b>Well Diameter</b>           | 2 in          | <b>Sampling Event</b>      | <b>Semi-Annual Groundwater Sampling</b> |                     |                  |
| <b>Depth to Water (btoc)</b>   | 13.66 ft      | <b>Samplers</b>            | IMP/MG                                  |                     |                  |
| <b>Total Well Depth (btoc)</b> | 16.75 ft      | <b>Weather Conditions:</b> | Rainy                                   |                     |                  |
| <b>Height of Water Column</b>  | 3.09 ft       | <b>Notes:</b>              | 0.0 ppm PID Wellhead                    |                     |                  |
| <b>Well Volume</b>             | 0.50 gal      |                            |   |                     |                  |

**Instrument Calibration Information**

| D.O. Meter Calibration      |                | ORP Meter Calibration   |  | S.C. Meter Calibration |               |       |
|-----------------------------|----------------|---|--|------------------------|---------------|-------|
| DO slope =                  |                | ORP in stand.   |  | Expected S.C.          | Measured S.C. | Notes |
| DO in air =                 | mg/L           | T of stand.   |  |                        |               |       |
| Air temp =                  | °C             | Standard used:  |  |                        |               |       |
| <b>pH Meter Calibration</b> |                | Notes on calibration: Calibrated to manufacturer's specifications |  |                        |               |       |
| pH of Stand. 1              | pH of Stand. 2 | Slope   |  |                        |               |       |
|                             |                |   |  |                        |               |       |

**Well Purging Information**

| Purge Volume (gal) | D.O. (mg/L) | T (°C) | ORP (mV) | S.C. (mS/cm) | Turb. (NTU) | pH   | Notes |
|--------------------|-------------|--------|----------|--------------|-------------|------|-------|
| 1.0                | 15.23       | 13.33  | -73      | 1.62         | 6           | 7.67 |       |
| 2.0                | 15.46       | 13.3   | -87      | 1.61         | 3.4         | 7.56 |       |
|                    |             |        |          |              |             |      |       |
|                    |             |        |          |              |             |      |       |
|                    |             |        |          |              |             |      |       |
|                    |             |        |          |              |             |      |       |

**Laboratory Analysis Information**

| # of Bottles | Analytes     | Preservative | Bottle Type | Anal. Lab. | Filtered/ Unfiltered | Sample Time   | Comments |
|--------------|--------------|--------------|-------------|------------|----------------------|---------------|----------|
| 3            | VOCs (8260B) | HCl          | 40 mL VOA   | Pace       | Unfiltered           | 10/5/10 13:50 |          |



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**Groundwater Sampling Monitoring Form**

|                                |               |                            |   |                     |                  |
|--------------------------------|---------------|----------------------------|---|---------------------|------------------|
| <b>Well ID</b>                 | <b>MW-23B</b> | <b>Site:</b>               | <b>Emerson EPT - Ithaca, NY</b>         | <b>Sample Date:</b> | <b>10/5/2010</b> |
| <b>Well Diameter</b>           | 2 in          | <b>Sampling Event</b>      | <b>Semi-Annual Groundwater Sampling</b> |                     |                  |
| <b>Depth to Water (btoc)</b>   | 14.17 ft      | <b>Samplers</b>            | IMP/MG                                  |                     |                  |
| <b>Total Well Depth (btoc)</b> | 18.24 ft      | <b>Weather Conditions:</b> | Rainy                                   |                     |                  |
| <b>Height of Water Column</b>  | 4.07 ft       | <b>Notes:</b>              | 0.0 ppm PID Wellhead                    |                     |                  |
| <b>Well Volume</b>             | 0.66 gal      |                            |   |                     |                  |

**Instrument Calibration Information**

| D.O. Meter Calibration      |                | ORP Meter Calibration   |  | S.C. Meter Calibration |               |       |
|-----------------------------|----------------|---|--|------------------------|---------------|-------|
| DO slope =                  |                | ORP in stand.   |  | Expected S.C.          | Measured S.C. | Notes |
| DO in air =                 | mg/L           | T of stand.   |  |                        |               |       |
| Air temp =                  | °C             | Standard used:  |  |                        |               |       |
| <b>pH Meter Calibration</b> |                | Notes on calibration: Calibrated to manufacturer's specifications |  |                        |               |       |
| pH of Stand. 1              | pH of Stand. 2 | Slope   |  |                        |               |       |
|                             |                |   |  |                        |               |       |

**Well Purging Information**

| Purge Volume (gal) | D.O. (mg/L) | T (°C) | ORP (mV) | S.C. (mS/cm) | Turb. (NTU) | pH   | Notes |
|--------------------|-------------|--------|----------|--------------|-------------|------|-------|
| 1.0                | 24.41       | 13.81  | 161      | 3.61         | 1.3         | 7.43 |       |
| 3.0                | 20.63       | 13.77  | 171      | 3.91         | 187         | 7.26 |       |
| 6.0                | 21.37       | 13.84  | 173      | 3.91         | >800        | 7.12 |       |
| 9.0                | 24.52       | 13.95  | 178      | 3.95         | >800        | 7.07 |       |
|                    |             |        |          |              |             |      |       |
|                    |             |        |          |              |             |      |       |

**Laboratory Analysis Information**

| # of Bottles | Analytes     | Preservative | Bottle Type | Anal. Lab. | Filtered/ Unfiltered | Sample Time   | Comments |
|--------------|--------------|--------------|-------------|------------|----------------------|---------------|----------|
| 3            | VOCs (8260B) | HCl          | 40 mL VOA   | Pace       | Unfiltered           | 10/5/10 15:35 |          |



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**Groundwater Sampling Monitoring Form**

|                                |               |                            |                                       |                     |                   |
|--------------------------------|---------------|----------------------------|---------------------------------------|---------------------|-------------------|
| <b>Well ID</b>                 | <b>MW-23B</b> | <b>Site:</b>               | <b>Emerson EPT - Ithaca, NY</b>       | <b>Sample Date:</b> | <b>12/29/2010</b> |
| <b>Well Diameter</b>           | 2 in          | <b>Sampling Event</b>      | <b>Quarterly Groundwater Sampling</b> |                     |                   |
| <b>Depth to Water (btoc)</b>   | 14.11 ft      | <b>Samplers</b>            | ESR/RJW                               |                     |                   |
| <b>Total Well Depth (btoc)</b> | 18.24 ft      | <b>Weather Conditions:</b> | Cloudy                                |                     |                   |
| <b>Height of Water Column</b>  | 4.01 ft       | <b>Notes:</b>              | 0.0 ppm PID Wellhead                  |                     |                   |
| <b>Well Volume</b>             | 0.65 gal      |                            |                                       |                     |                   |

**Instrument Calibration Information**

| D.O. Meter Calibration      |                | ORP Meter Calibration   |  | S.C. Meter Calibration |               |       |
|-----------------------------|----------------|---|--|------------------------|---------------|-------|
| DO slope =                  |                | ORP in stand.   |  | Expected S.C.          | Measured S.C. | Notes |
| DO in air =                 | mg/L           | T of stand.   |  |                        |               |       |
| Air temp =                  | 30 °C          | Standard used:  |  |                        |               |       |
| <b>pH Meter Calibration</b> |                | Notes on calibration: Calibrated to manufacturer's specifications |  |                        |               |       |
| pH of Stand. 1              | pH of Stand. 2 | Slope   |  |                        |               |       |
|                             |                |   |  |                        |               |       |

**Well Purging Information**

| Purge Volume (gal) | D.O. (mg/L) | T (°C) | ORP (mV) | S.C. (mS/cm) | Turb. (NTU) | pH   | Notes                       |
|--------------------|-------------|--------|----------|--------------|-------------|------|-----------------------------|
| Initial            | 7.94        | 10.04  | 108      | 3.84         | 2.5         | 7.30 | Cloudy, brown sediment      |
| 0.8                | 6.52        | 10.84  | 124      | 3.17         | 641         | 7.25 |                             |
| 1.5                | 7.94        | 10.97  | 140      | 2.97         | error       | 7.13 |                             |
| 2.25               | 7.16        | 11.02  | 151      | 2.86         | error       | 7.08 | Well dry, wait for recharge |
|                    |             |        |          |              |             |      |                             |
|                    |             |        |          |              |             |      |                             |

**Laboratory Analysis Information**

| # of Bottles | Analytes     | Preservative | Bottle Type | Anal. Lab. | Filtered/ Unfiltered | Sample Time    | Comments         |
|--------------|--------------|--------------|-------------|------------|----------------------|----------------|------------------|
| 9            | VOCs (8260B) | HCl          | 40 mL VOA   | Pace       | Unfiltered           | 12/29/10 16:00 | MS/MSD collected |



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**Groundwater Sampling Monitoring Form**

|                                |               |                            |   |                     |                  |
|--------------------------------|---------------|----------------------------|---|---------------------|------------------|
| <b>Well ID</b>                 | <b>MW-24B</b> | <b>Site:</b>               | <b>Emerson EPT - Ithaca, NY</b>         | <b>Sample Date:</b> | <b>10/6/2010</b> |
| <b>Well Diameter</b>           | 2 in          | <b>Sampling Event</b>      | <b>Semi-Annual Groundwater Sampling</b> |                     |                  |
| <b>Depth to Water (btoc)</b>   | 3.95 ft       | <b>Samplers</b>            | IMP/MG                                  |                     |                  |
| <b>Total Well Depth (btoc)</b> | 11.24 ft      | <b>Weather Conditions:</b> | Overcast 60s F                          |                     |                  |
| <b>Height of Water Column</b>  | 7.29 ft       | <b>Notes:</b>              | 0.0 ppm PID Wellhead                    |                     |                  |
| <b>Well Volume</b>             | 1.18 gal      |                            |   |                     |                  |

**Instrument Calibration Information**

| D.O. Meter Calibration      |                | ORP Meter Calibration |   | S.C. Meter Calibration |               |       |
|-----------------------------|----------------|-----------------------|---|------------------------|---------------|-------|
| DO slope =                  |                | ORP in stand.         |   | Expected S.C.          | Measured S.C. | Notes |
| DO in air =                 | mg/L           | T of stand.           |   |                        |               |       |
| Air temp =                  | °C             | Standard used:        |   |                        |               |       |
| <b>pH Meter Calibration</b> |                |                       | Notes on calibration: Calibrated to manufacturer's specifications |                        |               |       |
| pH of Stand. 1              | pH of Stand. 2 | Slope                 |   |                        |               |       |

**Well Purging Information**

| Purge Volume (gal) | D.O. (mg/L) | T (°C) | ORP (mV) | S.C. (mS/cm) | Turb. (NTU) | pH   | Notes      |
|--------------------|-------------|--------|----------|--------------|-------------|------|------------|
| 1.0                | 12.50       | 16.5   | 81       | 1.9          | 0           | 7.58 |            |
| 5.0                | 11.91       | 16.1   | 87       | 1.9          | 9.5         | 7.69 | Bailed Dry |
|                    |             |        |          |              |             |      |            |
|                    |             |        |          |              |             |      |            |
|                    |             |        |          |              |             |      |            |

**Laboratory Analysis Information**

| # of Bottles | Analytes     | Preservative | Bottle Type | Anal. Lab. | Filtered/ Unfiltered | Sample Time   | Comments |
|--------------|--------------|--------------|-------------|------------|----------------------|---------------|----------|
| 3            | VOCs (8260B) | HCl          | 40 mL VOA   | Pace       | Unfiltered           | 10/6/10 16:20 |          |



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**Groundwater Sampling Monitoring Form**

|                                |               |                            |   |                     |                  |
|--------------------------------|---------------|----------------------------|---|---------------------|------------------|
| <b>Well ID</b>                 | <b>MW-25A</b> | <b>Site:</b>               | <b>Emerson EPT - Ithaca, NY</b>         | <b>Sample Date:</b> | <b>10/7/2010</b> |
| <b>Well Diameter</b>           | 2 in          | <b>Sampling Event</b>      | <b>Semi-Annual Groundwater Sampling</b> |                     |                  |
| <b>Depth to Water (btoc)</b>   | 4.53 ft       | <b>Samplers</b>            | IMP/MG                                  |                     |                  |
| <b>Total Well Depth (btoc)</b> | 17.56 ft      | <b>Weather Conditions:</b> | Rainy                                   |                     |                  |
| <b>Height of Water Column</b>  | 13.03 ft      | <b>Notes:</b>              | 0.0 ppm PID Wellhead                    |                     |                  |
| <b>Well Volume</b>             | 2.13 gal      |                            |   |                     |                  |

**Instrument Calibration Information**

| D.O. Meter Calibration      |                | ORP Meter Calibration   |  | S.C. Meter Calibration |               |       |
|-----------------------------|----------------|---|--|------------------------|---------------|-------|
| DO slope =                  |                | ORP in stand.   |  | Expected S.C.          | Measured S.C. | Notes |
| DO in air =                 | mg/L           | T of stand.   |  |                        |               |       |
| Air temp =                  | °C             | Standard used:  |  |                        |               |       |
| <b>pH Meter Calibration</b> |                | Notes on calibration: Calibrated to manufacturer's specifications |  |                        |               |       |
| pH of Stand. 1              | pH of Stand. 2 | Slope   |  |                        |               |       |
|                             |                |   |  |                        |               |       |

**Well Purging Information**

| Purge Volume (gal) | D.O. (mg/L) | T (°C) | ORP (mV) | S.C. (mS/cm) | Turb. (NTU) | pH   | Notes |
|--------------------|-------------|--------|----------|--------------|-------------|------|-------|
| 1.0                | 14.06       | 13.4   | -94      | 1.26         | 14          | 7.33 |       |
| 8.3                | 7.43        | 13.7   | -108     | 1.31         | 46.5        | 7.10 |       |
| 16.5               | 9.06        | 13.9   | -109     | 1.3          | 38.1        | 7.04 |       |
| 25.0               | 8.01        | 14.0   | -108     | 1.29         | 46.8        | 6.87 |       |
|                    |             |        |          |              |             |      |       |
|                    |             |        |          |              |             |      |       |

**Laboratory Analysis Information**

| # of Bottles | Analytes     | Preservative | Bottle Type | Anal. Lab. | Filtered/ Unfiltered | Sample Time  | Comments |
|--------------|--------------|--------------|-------------|------------|----------------------|--------------|----------|
| 3            | VOCs (8260B) | HCl          | 40 mL VOA   | Pace       | Unfiltered           | 10/7/10 9:00 |          |



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**Groundwater Sampling Monitoring Form**

|                                |               |                            |   |                     |                  |
|--------------------------------|---------------|----------------------------|---|---------------------|------------------|
| <b>Well ID</b>                 | <b>MW-26A</b> | <b>Site:</b>               | <b>Emerson EPT - Ithaca, NY</b>         | <b>Sample Date:</b> | <b>10/7/2010</b> |
| <b>Well Diameter</b>           | 2 in          | <b>Sampling Event</b>      | <b>Semi-Annual Groundwater Sampling</b> |                     |                  |
| <b>Depth to Water (btoc)</b>   | 6.09 ft       | <b>Samplers</b>            | IMP/MG                                  |                     |                  |
| <b>Total Well Depth (btoc)</b> | 17.74 ft      | <b>Weather Conditions:</b> | Rainy                                   |                     |                  |
| <b>Height of Water Column</b>  | 11.65 ft      | <b>Notes:</b>              | 0.0 ppm PID Wellhead                    |                     |                  |
| <b>Well Volume</b>             | 1.90 gal      |                            |   |                     |                  |

**Instrument Calibration Information**

| D.O. Meter Calibration      |                | ORP Meter Calibration   |  | S.C. Meter Calibration |               |       |
|-----------------------------|----------------|---|--|------------------------|---------------|-------|
| DO slope =                  |                | ORP in stand.   |  | Expected S.C.          | Measured S.C. | Notes |
| DO in air =                 | mg/L           | T of stand.   |  |                        |               |       |
| Air temp =                  | °C             | Standard used:  |  |                        |               |       |
| <b>pH Meter Calibration</b> |                | Notes on calibration: Calibrated to manufacturer's specifications |  |                        |               |       |
| pH of Stand. 1              | pH of Stand. 2 | Slope   |  |                        |               |       |
|                             |                |   |  |                        |               |       |

**Well Purging Information**

| Purge Volume (gal) | D.O. (mg/L) | T (°C) | ORP (mV) | S.C. (mS/cm) | Turb. (NTU) | pH   | Notes |
|--------------------|-------------|--------|----------|--------------|-------------|------|-------|
| 1.0                | 15.03       | 13.10  | -88      | 2.1          | 23.4        | 7.86 |       |
| 8.0                | 11.05       | 14.40  | -95      | 2.3          | 11.5        | 7.58 |       |
| 16.0               | 9.02        | 14.60  | -90      | 2.1          | 59.1        | 7.32 |       |
| 24.00              | 8.31        | 14.10  | -93      | 1.9          | 93          | 7.65 |       |
|                    |             |        |          |              |             |      |       |
|                    |             |        |          |              |             |      |       |

**Laboratory Analysis Information**

| # of Bottles | Analytes     | Preservative | Bottle Type | Anal. Lab. | Filtered/ Unfiltered | Sample Time  | Comments |
|--------------|--------------|--------------|-------------|------------|----------------------|--------------|----------|
| 3            | VOCs (8260B) | HCl          | 40 mL VOA   | Pace       | Unfiltered           | 10/7/10 7:55 |          |



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**Groundwater Sampling Monitoring Form**

|                                |               |                            |   |                     |                  |
|--------------------------------|---------------|----------------------------|---|---------------------|------------------|
| <b>Well ID</b>                 | <b>MW-32B</b> | <b>Site:</b>               | <b>Emerson EPT - Ithaca, NY</b>         | <b>Sample Date:</b> | <b>10/5/2010</b> |
| <b>Well Diameter</b>           | 2 in          | <b>Sampling Event</b>      | <b>Semi-Annual Groundwater Sampling</b> |                     |                  |
| <b>Depth to Water (btoc)</b>   | 4.53 ft       | <b>Samplers</b>            | IMP/MG                                  |                     |                  |
| <b>Total Well Depth (btoc)</b> | 10 ft         | <b>Weather Conditions:</b> | Rainy                                   |                     |                  |
| <b>Height of Water Column</b>  | 5.47 ft       | <b>Notes:</b>              | 4.0 ppm PID Wellhead                    |                     |                  |
| <b>Well Volume</b>             | 0.89 gal      |                            |   |                     |                  |

**Instrument Calibration Information**

| D.O. Meter Calibration      |                | ORP Meter Calibration   |  | S.C. Meter Calibration |               |       |
|-----------------------------|----------------|---|--|------------------------|---------------|-------|
| DO slope =                  |                | ORP in stand.   |  | Expected S.C.          | Measured S.C. | Notes |
| DO in air =                 | mg/L           | T of stand.   |  |                        |               |       |
| Air temp =                  | °C             | Standard used:  |  |                        |               |       |
| <b>pH Meter Calibration</b> |                | Notes on calibration: Calibrated to manufacturer's specifications |  |                        |               |       |
| pH of Stand. 1              | pH of Stand. 2 | Slope   |  |                        |               |       |

**Well Purging Information**

| Purge Volume (gal) | D.O. (mg/L) | T (°C) | ORP (mV) | S.C. (mS/cm) | Turb. (NTU) | pH   | Notes |
|--------------------|-------------|--------|----------|--------------|-------------|------|-------|
| 1.0                | 30.33       | 14.67  | 105      | 2.03         | 1.5         | 7.94 |       |
| 4.0                | 26.44       | 15.25  | 116      | 2.15         | 61.4        | 7.91 |       |
| 7.0                | 31.65       | 15.18  | 131      | 2.18         | 40.6        | 7.89 |       |
| 11.00              | 29.59       | 14.90  | 135      | 2.19         | 10.8        | 7.91 |       |
|                    |             |        |          |              |             |      |       |
|                    |             |        |          |              |             |      |       |

**Laboratory Analysis Information**

| # of Bottles | Analytes     | Preservative | Bottle Type | Anal. Lab. | Filtered/ Unfiltered | Sample Time   | Comments |
|--------------|--------------|--------------|-------------|------------|----------------------|---------------|----------|
| 3            | VOCs (8260B) | HCl          | 40 mL VOA   | Pace       | Unfiltered           | 10/5/10 14:50 |          |



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**Cazenovia, NY 13035 (315) 655-3900 • Fax (315) 655-3907**

**Groundwater Sampling Monitoring Form**

|                                |               |                            |                                       |                     |                   |
|--------------------------------|---------------|----------------------------|---------------------------------------|---------------------|-------------------|
| <b>Well ID</b>                 | <b>MW-32B</b> | <b>Site:</b>               | <b>Emerson EPT - Ithaca, NY</b>       | <b>Sample Date:</b> | <b>12/29/2010</b> |
| <b>Well Diameter</b>           | 2 in          | <b>Sampling Event</b>      | <b>Quarterly Groundwater Sampling</b> |                     |                   |
| <b>Depth to Water (btoc)</b>   | 4.87 ft       | <b>Samplers</b>            | ESR/RJW                               |                     |                   |
| <b>Total Well Depth (btoc)</b> | 9.86 ft       | <b>Weather Conditions:</b> | Cloudy and cold                       |                     |                   |
| <b>Height of Water Column</b>  | 5.01 ft       | <b>Notes:</b>              |                                       |                     |                   |
| <b>Well Volume</b>             | 0.82 gal      |                            |                                       |                     |                   |

| <b>Instrument Calibration Information</b> |                |                       |   |                        |       |
|---|----------------|-----------------------|---|------------------------|-------|
| D.O. Meter Calibration                    |                | ORP Meter Calibration |   | S.C. Meter Calibration |       |
| DO slope =                                |                | ORP in stand.         |   | Expected S.C.          | Notes |
| DO in air =                               | mg/L           | T of stand.           |   | Measured S.C.          |       |
| Air temp =                                | 30-35 °C       | Standard used:        |   |                        |       |
| <b>pH Meter Calibration</b>               |                |                       | Notes on calibration: Calibrated to manufacturer's specifications |                        |       |
| pH of Stand. 1                            | pH of Stand. 2 | Slope                 |   |                        |       |
|   |                |                       |   |                        |       |

| <b>Well Purging Information</b> |             |        |          |              |             |      |   |
|---------------------------------|-------------|--------|----------|--------------|-------------|------|---|
| Purge Volume (gal)              | D.O. (mg/L) | T (°C) | ORP (mV) | S.C. (mS/cm) | Turb. (NTU) | pH   | Notes   |
| Initial                         | 10.97       | 7.67   | 161      | 3.09         | 89          | 7.28 |   |
| 1.5                             | 10.90       | 6.83   | 207      | 3.19         | 130         | 7.33 | Purged dry, allow to recharge prior to sampling |
|                                 |             |        |          |              |             |      |   |
|                                 |             |        |          |              |             |      |   |
|                                 |             |        |          |              |             |      |   |

| <b>Laboratory Analysis Information</b> |              |              |             |            |                      |                |                     |
|--|--------------|--------------|-------------|------------|----------------------|----------------|---------------------|
| # of Bottles                           | Analytes     | Preservative | Bottle Type | Anal. Lab. | Filtered/ Unfiltered | Sample Time    | Comments            |
| 3                                      | VOCs (8260B) | HCl          | 40 mL VOA   | Pace       | Unfiltered           | 12/29/10 13:25 |                     |
| 3                                      | VOCs (8260B) | HCl          | 40 mL VOA   | Pace       | Unfiltered           | 12/29/10 13:40 | MW-1210 (duplicate) |





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**Low-Flow Groundwater Sampling Monitoring Form**

|                         |               |                                      |                                 |                                       |                   |
|-------------------------|---------------|--------------------------------------|---------------------------------|---------------------------------------|-------------------|
| <b>Well ID</b>          | <b>EXB-01</b> | <b>Site ID:</b>                      | <b>Emerson EPT - Ithaca, NY</b> | <b>Sample Date:</b>                   | <b>12/28/2010</b> |
| <b>Well Diameter</b>    | 4 in          | <b>Sampling Event:</b>               |                                 | <b>Quarterly Groundwater Sampling</b> |                   |
| <b>Depth to Water</b>   | 71.70 ft      | <b>Samplers</b>                      |                                 | ESR                                   |                   |
| <b>Total Well Depth</b> | 84.70 ft      | <b>Weather Conditions and Notes:</b> |                                 | Partly cloudy, cold                   |                   |
| <b>Screen Length</b>    | NA ft         | <b>Flow Rate</b>                     |                                 | 50.00                                 |                   |

| <b>Instrument Calibration Information</b> |               |                   |              |  |                 |                      |             |  |                           |                    |
|---|---------------|-------------------|--------------|--|-----------------|----------------------|-------------|--|---------------------------|--------------------|
| <b>pH Meter Calibration</b>               |               |                   |              | <b>Horiba U52 with flow-through cell</b>   |                 |                      |             |  |                           |                    |
| 7.00 Stand.                               | pH 4.01 Stand | Slope (mV/pH)     |              | Notes on calibration:  |                 |                      |             |  |                           |                    |
|   |               |                   |              | Calibrated to manufacturer's specifications using auto-calibration standard solution |                 |                      |             |  |                           |                    |
| Air temp =                                |               | 20-25 °F          |              |  |                 |                      |             |  |                           |                    |
| <b>Well Purging Information</b>           |               |                   |              | Start purge:   | 1720            | End purge:           | 1756        | Pump Type: QED Sample pro w/ MP-15 and CO <sub>2</sub> |                           |                    |
| Time                                      | DTW           | Purge Volume (L)  | pH           | Conductivity (mS/cm)   | Turbidity (NTU) | D.O. (mg/l) *        | T (°C)      | ORP (mV)   | Appearance of Purge Water | Flow Rate (mL/min) |
| 1720                                      | 72.10         | 0.50              | 6.25         | 4.35   | 15.0            | 4.38                 | 5.38        | 122  | Clear                     | 50                 |
| 1725                                      | 72.15         | 0.75              | 6.98         | 4.40   | 14.7            | 3.83                 | 6.25        | 90   | Clear                     | 50                 |
| 1730                                      | 72.17         | 1.00              | 7.33         | 4.36   | 12.5            | 3.07                 | 6.71        | 77   | Clear                     | 50                 |
| 1735                                      | 72.20         | 1.25              | 7.56         | 4.33   | 12.0            | 2.34                 | 7.60        | 69   | Clear                     | 50                 |
| 1740                                      | 72.25         | 1.50              | 7.66         | 4.31   | 11.8            | 2.00                 | 8.37        | 60   | Clear                     | 50                 |
| 1745                                      | 72.30         | 1.75              | 7.77         | 4.34   | 10.50           | 1.80                 | 8.59        | 57   | Clear                     | 50                 |
| 1750                                      | 72.37         | 2.0               | 7.81         | 4.32   | 8.6             | 1.19                 | 8.72        | 58   | Clear                     | 50                 |
| 1755                                      | 72.45         | 2.3               | 7.82         | 4.30   | 9.3             | 1.02                 | 8.73        | 58   | Clear                     | 50                 |
| 1756                                      | End Purge     |                   |              |  |                 |                      |             |  |                           |                    |
|   |               |                   |              |  |                 |                      |             |  |                           |                    |
|   |               |                   |              |  |                 |                      |             |  |                           |                    |
|   |               |                   |              |  |                 |                      |             |  |                           |                    |
|   |               |                   |              |  |                 |                      |             |  |                           |                    |
|   |               |                   |              |  |                 |                      |             |  |                           |                    |
|   |               |                   |              |  |                 |                      |             |  |                           |                    |
|   |               |                   |              |  |                 |                      |             |  |                           |                    |
| <b>Laboratory Analysis Information</b>    |               |                   |              |  |                 |                      |             |  |                           |                    |
| # of Bottles                              | Analytes      | Collection Method | Preservative | Bottle Type  | Anal. Lab.      | Filtered/ Unfiltered | Sample Time | Comments   |                           |                    |
| 3   | VOCs (8260B)  | Low Flow          | HCl          | 40 mL VOA  | Pace            | Unfiltered           | 1756        |  |                           |                    |









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**Low-Flow Groundwater Sampling Monitoring Form**

|                         |               |                                      |                                 |                                       |                   |
|-------------------------|---------------|--------------------------------------|---------------------------------|---------------------------------------|-------------------|
| <b>Well ID</b>          | <b>EXB-07</b> | <b>Site ID:</b>                      | <b>Emerson EPT - Ithaca, NY</b> | <b>Sample Date:</b>                   | <b>12/28/2010</b> |
| <b>Well Diameter</b>    | 4 in          | <b>Sampling Event:</b>               |                                 | <b>Quarterly Groundwater Sampling</b> |                   |
| <b>Depth to Water</b>   | 7.41 ft       | <b>Samplers</b>                      |                                 | ESR RJW                               |                   |
| <b>Total Well Depth</b> | 24.50 ft      | <b>Weather Conditions and Notes:</b> |                                 | Partly cloudy, cold                   |                   |
| <b>Screen Length</b>    | Open ft       | <b>Flow Rate</b>                     |                                 | 60.00                                 |                   |
| <b>Pump Intake</b>      | 17.5 ft       |                                      |                                 |                                       |                   |

| <b>Instrument Calibration Information</b> |               |                   |              |  |                 |                      |             |  |                           |                    |
|---|---------------|-------------------|--------------|--|-----------------|----------------------|-------------|--|---------------------------|--------------------|
| <b>pH Meter Calibration</b>               |               |                   |              | <b>Horiba U52 with flow-through cell</b>   |                 |                      |             |  |                           |                    |
| 7.00 Stand.                               | pH 4.01 Stand | Slope (mV/pH)     |              | Notes on calibration:  |                 |                      |             |  |                           |                    |
|   |               |                   |              | Calibrated to manufacturer's specifications using auto-calibration standard solution |                 |                      |             |  |                           |                    |
| Air temp =                                |               | 25 °F             |              |  |                 |                      |             |  |                           |                    |
| <b>Well Purging Information</b>           |               |                   |              | Start purge:   | 1001            | End purge:           | 1048        | Pump Type: QED Sample pro w/ MP-15 and CO <sub>2</sub> |                           |                    |
| Time                                      | DTW           | Purge Volume (L)  | pH           | Conductivity (mS/cm)   | Turbidity (NTU) | D.O. (mg/l) *        | T (°C)      | ORP (mV)   | Appearance of Purge Water | Flow Rate (mL/min) |
| 1001                                      | 7.75          | 1.00              | 7.48         | 2.43   | 5.8             | 2.25                 | 7.76        | 51   | Clear                     | 60                 |
| 1006                                      | 7.91          | 1.30              | 7.25         | 2.42   | 4.7             | 1.75                 | 7.55        | 43   | Clear                     | 60                 |
| 1011                                      | 8.10          | 1.60              | 6.91         | 2.41   | 3.2             | 1.44                 | 7.58        | 60   | Clear                     | 60                 |
| 1016                                      | 8.16          | 1.90              | 6.65         | 2.41   | 2.7             | 1.54                 | 7.66        | 78   | Clear                     | 60                 |
| 1021                                      | 8.26          | 2.20              | 6.55         | 2.40   | 2.6             | 1.18                 | 7.69        | 81   | Clear                     | 60                 |
| 1027                                      | 8.39          | 2.50              | 6.48         | 2.40   | 2.7             | 1.08                 | 7.72        | 86   | Clear                     | 60                 |
| 1032                                      | 8.51          | 2.80              | 6.46         | 2.40   | 2.7             | 1.03                 | 7.76        | 90   | Clear                     | 60                 |
| 1037                                      | 8.65          | 3.1               | 6.44         | 2.39   | 2.7             | 0.98                 | 7.79        | 93   | Clear                     | 60                 |
| 1042                                      | 8.79          | 3.4               | 6.42         | 2.39   | 2.7             | 0.93                 | 7.81        | 97   | Clear                     | 60                 |
| 1047                                      | 9.02          | 3.7               | 6.45         | 2.39   | 2.8             | 0.97                 | 7.88        | 99   | Clear                     | 60                 |
| 1048                                      | End Purge     |                   |              |  |                 |                      |             |  |                           |                    |
|   |               |                   |              |  |                 |                      |             |  |                           |                    |
|   |               |                   |              |  |                 |                      |             |  |                           |                    |
|   |               |                   |              |  |                 |                      |             |  |                           |                    |
| <b>Laboratory Analysis Information</b>    |               |                   |              |  |                 |                      |             |  |                           |                    |
| # of Bottles                              | Analytes      | Collection Method | Preservative | Bottle Type  | Anal. Lab.      | Filtered/ Unfiltered | Sample Time | Comments   |                           |                    |
| 3   | VOCs (8260B)  | Low Flow          | HCl          | 40 mL VOA  | Pace            | Unfiltered           | 1048        |  |                           |                    |





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**Low-Flow Groundwater Sampling Monitoring Form**

|                         |               |                                      |                                 |                                       |                   |
|-------------------------|---------------|--------------------------------------|---------------------------------|---------------------------------------|-------------------|
| <b>Well ID</b>          | <b>EXB-09</b> | <b>Site ID:</b>                      | <b>Emerson EPT - Ithaca, NY</b> | <b>Sample Date:</b>                   | <b>12/28/2010</b> |
| <b>Well Diameter</b>    | 4 in          | <b>Sampling Event:</b>               |                                 | <b>Quarterly Groundwater Sampling</b> |                   |
| <b>Depth to Water</b>   | 41.90 ft      | <b>Samplers</b>                      |                                 | ESR/RJW                               |                   |
| <b>Total Well Depth</b> | 66.10 ft      | <b>Weather Conditions and Notes:</b> |                                 | Mostly cloudy, cold                   |                   |
| <b>Screen Length</b>    | NA ft         | <b>Flow Rate</b>                     |                                 | 90.00                                 |                   |
| <b>Pump Intake</b>      | 53.75 ft      |                                      |                                 |                                       |                   |

| <b>Instrument Calibration Information</b> |               |                   |              |  |                 |                      |             |  |                           |                    |
|---|---------------|-------------------|--------------|--|-----------------|----------------------|-------------|--|---------------------------|--------------------|
| <b>pH Meter Calibration</b>               |               |                   |              | <b>Horiba U52 with flow-through cell</b>   |                 |                      |             |  |                           |                    |
| 7.00 Stand.                               | pH 4.01 Stand | Slope (mV/pH)     |              | Notes on calibration:  |                 |                      |             |  |                           |                    |
|   |               |                   |              | Calibrated to manufacturer's specifications using auto-calibration standard solution |                 |                      |             |  |                           |                    |
| Air temp =                                |               | 25 °F             |              |  |                 |                      |             |  |                           |                    |
| <b>Well Purging Information</b>           |               |                   |              | Start purge:   | 1149            | End purge:           | 1210        | Pump Type: QED Sample pro w/ MP-15 and CO <sub>2</sub> |                           |                    |
| Time                                      | DTW           | Purge Volume (L)  | pH           | Conductivity (mS/cm)   | Turbidity (NTU) | D.O. (mg/l) *        | T (°C)      | ORP (mV)   | Appearance of Purge Water | Flow Rate (mL/min) |
| 1149                                      | 42.30         | 0.50              | 6.90         | 2.54   | 1.1             | 2.56                 | 8.11        | -80  | Clear                     | 100                |
| 1154                                      | 42.50         | 1.00              | 7.08         | 2.63   | 2.2             | 1.13                 | 8.39        | -97  | Clear                     | 100                |
| 1159                                      | 42.65         | 1.45              | 7.12         | 2.66   | 1.5             | 0.00                 | 8.55        | -105   | Clear                     | 90                 |
| 1204                                      | 42.90         | 1.90              | 7.17         | 2.68   | 1.2             | 0.00                 | 8.66        | -109   | Clear                     | 90                 |
| 1209                                      | 43.07         | 2.35              | 7.19         | 2.69   | 1.0             | 0.00                 | 8.82        | -110   | Clear                     | 90                 |
| 1210                                      | End Purge     |                   |              |  |                 |                      |             |  |                           |                    |
|   |               |                   |              |  |                 |                      |             |  |                           |                    |
|   |               |                   |              |  |                 |                      |             |  |                           |                    |
|   |               |                   |              |  |                 |                      |             |  |                           |                    |
|   |               |                   |              |  |                 |                      |             |  |                           |                    |
|   |               |                   |              |  |                 |                      |             |  |                           |                    |
|   |               |                   |              |  |                 |                      |             |  |                           |                    |
|   |               |                   |              |  |                 |                      |             |  |                           |                    |
|   |               |                   |              |  |                 |                      |             |  |                           |                    |
|   |               |                   |              |  |                 |                      |             |  |                           |                    |
|   |               |                   |              |  |                 |                      |             |  |                           |                    |
|   |               |                   |              |  |                 |                      |             |  |                           |                    |
|   |               |                   |              |  |                 |                      |             |  |                           |                    |
| <b>Laboratory Analysis Information</b>    |               |                   |              |  |                 |                      |             |  |                           |                    |
| # of Bottles                              | Analytes      | Collection Method | Preservative | Bottle Type  | Anal. Lab.      | Filtered/ Unfiltered | Sample Time | Comments   |                           |                    |
| 3   | VOCs (8260B)  | Low Flow          | HCl          | 40 mL VOA  | Pace            | Unfiltered           | 1210        |  |                           |                    |



**WSP Environment & Energy**

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**Low-Flow Groundwater Sampling Monitoring Form**

|                         |               |                                      |                                 |                                       |                  |
|-------------------------|---------------|--------------------------------------|---------------------------------|---------------------------------------|------------------|
| <b>Well ID</b>          | <b>EXB-10</b> | <b>Site ID:</b>                      | <b>Emerson EPT - Ithaca, NY</b> | <b>Sample Date:</b>                   | <b>9/28/2010</b> |
| <b>Well Diameter</b>    | 4 in          | <b>Sampling Event:</b>               |                                 | <b>Quarterly Groundwater Sampling</b> |                  |
| <b>Depth to Water</b>   | 37.15 ft      | <b>Samplers</b>                      |                                 | DBN, ESR                              |                  |
| <b>Total Well Depth</b> | 63.65 ft      | <b>Weather Conditions and Notes:</b> |                                 | Mostly cloud, mild rain               |                  |
| <b>Screen Length</b>    | NA ft         | <b>Flow Rate</b>                     |                                 | 50.00                                 |                  |
| <b>Pump Intake</b>      | 44.4 ft       |                                      |                                 |                                       |                  |

| <b>Instrument Calibration Information</b> |               |                  |                   |  |                 |               |                     |  |                           |                    |
|---|---------------|------------------|-------------------|--|-----------------|---------------|---------------------|--|---------------------------|--------------------|
| <b>pH Meter Calibration</b>               |               |                  |                   | <b>Horiba U52 with flow-through cell</b>   |                 |               |                     |  |                           |                    |
| 7.00 Stand.                               | pH 4.01 Stand | Slope (mV/pH)    |                   | Notes on calibration:  |                 |               |                     |  |                           |                    |
|   |               |                  |                   | Calibrated to manufacturer's specifications using auto-calibration standard solution |                 |               |                     |  |                           |                    |
| Air temp =                                |               | °F               |                   |  |                 |               |                     |  |                           |                    |
| <b>Well Purging Information</b>           |               |                  |                   | Start purge:   | 919             | End purge:    | 955                 | Pump Type: QED Sample pro w/ MP-15 and CO <sub>2</sub> |                           |                    |
| Time                                      | DTW           | Purge Volume (L) | pH                | Conductivity (mS/cm)   | Turbidity (NTU) | D.O. (mg/l) * | T (°C)              | ORP (mV)   | Appearance of Purge Water | Flow Rate (mL/min) |
| 0919                                      | 37.62         | 0.80             | 6.54              | 5.06   | 0.0             | 2.53          | 14.93               | -90  | Clear                     | 150                |
| 0924                                      | 37.93         | 0.50             | 6.75              | 5.11   | 0.0             | 0.96          | 14.95               | -96  | Clear                     | 100                |
| 0929                                      | 38.16         | 0.50             | 6.86              | 5.09   | 0.0             | 0.68          | 15.12               | -96  | Clear                     | 100                |
| 0934                                      | 38.31         | 0.50             | 6.89              | 5.07   | 0.0             | 0.57          | 15.15               | -95  | Clear                     | 100                |
| 0939                                      | 38.54         | 0.40             | 6.93              | 5.04   | 0.0             | 0.43          | 15.14               | -93  | Clear                     | 80                 |
| 0944                                      | 38.70         | 0.25             | 6.95              | 5.01   | 0.00            | 0.40          | 15.88               | -91  | Clear                     | 50                 |
| 0949                                      | 38.75         | 0.3              | 6.95              | 5.00   | 0.0             | 0.41          | 16.07               | -90  | Clear                     | 50                 |
| 0954                                      | 38.81         | 0.3              | 6.96              | 5.00   | 0.0             | 0.46          | 16.54               | -88  | Clear                     | 50                 |
| 0955                                      | End Purge     |                  |                   |  |                 |               |                     |  |                           |                    |
|   |               |                  |                   |  |                 |               |                     |  |                           |                    |
|   |               |                  |                   |  |                 |               |                     |  |                           |                    |
|   |               |                  |                   |  |                 |               |                     |  |                           |                    |
| <b>Laboratory Analysis Information</b>    |               |                  |                   |  |                 |               |                     |  |                           |                    |
| # of Bottles                              | Analytes      |                  | Collection Method | Preservative   | Bottle Type     | Anal. Lab.    | Filtered/Unfiltered | Sample Time  | Comments                  |                    |
| 3   | VOCs (8260B)  |                  | Low Flow          | HCl  | 40 mL VOA       | Pace          | Unfiltered          | 955  | Sample                    |                    |
| 6   | VOCs (8260B)  |                  | Low Flow          | HCl  | 40 mL VOA       | Pace          | Unfiltered          | 955  | MS/MSD                    |                    |
| 3   | VOCs (8260B)  |                  | Low Flow          | HCl  | 40 mL VOA       | Pace          | Unfiltered          | 1000   | MW-0910A (duplicate)      |                    |



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**Low-Flow Groundwater Sampling Monitoring Form**

|                         |               |   |                                 |                     |                   |
|-------------------------|---------------|---|---------------------------------|---------------------|-------------------|
| <b>Well ID</b>          | <b>EXB-10</b> | <b>Site ID:</b>                                       | <b>Emerson EPT - Ithaca, NY</b> | <b>Sample Date:</b> | <b>12/28/2010</b> |
| <b>Well Diameter</b>    | 4 in          | <b>Sampling Event:</b> Quarterly Groundwater Sampling |                                 |                     |                   |
| <b>Depth to Water</b>   | 39.59 ft      |   |                                 |                     |                   |
| <b>Total Well Depth</b> | 63.65 ft      | <b>Samplers</b>                                       | ESR/RJW                         |                     |                   |
| <b>Screen Length</b>    | NA ft         | <b>Weather Conditions and Notes:</b>                  | Mostly cloud                    |                     |                   |
| <b>Pump Intake</b>      | 44.4 ft       | <b>Flow Rate</b>                                      | 50.00                           |                     |                   |

| <b>Instrument Calibration Information</b> |               |                   |              |  |                 |                     |             |  |                           |                    |
|---|---------------|-------------------|--------------|--|-----------------|---------------------|-------------|--|---------------------------|--------------------|
| <b>pH Meter Calibration</b>               |               |                   |              | <b>Horiba U52 with flow-through cell</b>   |                 |                     |             |  |                           |                    |
| 7.00 Stand.                               | pH 4.01 Stand | Slope (mV/pH)     |              | Notes on calibration:  |                 |                     |             |  |                           |                    |
|   |               |                   |              | Calibrated to manufacturer's specifications using auto-calibration standard solution |                 |                     |             |  |                           |                    |
| Air temp =                                |               | 35 °F             |              |  |                 |                     |             |  |                           |                    |
| <b>Well Purging Information</b>           |               |                   |              | Start purge:   | 1450            | End purge:          | 1526        | Pump Type: QED Sample pro w/ MP-15 and CO <sub>2</sub> |                           |                    |
| Time                                      | DTW           | Purge Volume (L)  | pH           | Conductivity (mS/cm)   | Turbidity (NTU) | D.O. (mg/l) *       | T (°C)      | ORP (mV)   | Appearance of Purge Water | Flow Rate (mL/min) |
| 1450                                      | 40.00         | 0.50              | 6.92         | 4.20   | 6.1             | 1.55                | 8.86        | -86  | Clear                     | 100                |
| 1455                                      | 40.15         | 0.75              | 7.13         | 4.18   | 5.3             | 0.90                | 8.50        | -88  | Clear                     | 50                 |
| 1500                                      | 40.21         | 1.00              | 7.19         | 4.12   | 4.6             | 0.59                | 8.42        | -87  | Clear                     | 50                 |
| 1505                                      | 40.32         | 1.25              | 7.20         | 4.04   | 3.8             | 0.37                | 8.47        | -86  | Clear                     | 50                 |
| 1510                                      | 40.48         | 1.50              | 7.22         | 3.93   | 3.2             | 0.04                | 8.52        | -83  | Clear                     | 50                 |
| 1515                                      | 40.56         | 1.75              | 7.22         | 3.90   | 3.10            | 0.00                | 8.49        | -82  | Clear                     | 50                 |
| 1520                                      | 40.66         | 2.0               | 7.22         | 3.85   | 2.9             | 0.00                | 8.44        | -80  | Clear                     | 50                 |
| 1525                                      | 40.72         | 2.3               | 7.22         | 3.81   | 3.0             | 0.00                | 8.41        | -79  | Clear                     | 50                 |
| 1526                                      | End Purge     |                   |              |  |                 |                     |             |  |                           |                    |
|   |               |                   |              |  |                 |                     |             |  |                           |                    |
|   |               |                   |              |  |                 |                     |             |  |                           |                    |
|   |               |                   |              |  |                 |                     |             |  |                           |                    |
| <b>Laboratory Analysis Information</b>    |               |                   |              |  |                 |                     |             |  |                           |                    |
| # of Bottles                              | Analytes      | Collection Method | Preservative | Bottle Type  | Anal. Lab.      | Filtered/Unfiltered | Sample Time | Comments   |                           |                    |
| 3   | VOCs (8260B)  | Low Flow          | HCl          | 40 mL VOA  | Pace            | Unfiltered          | 1526        |  |                           |                    |