

| ANALYTE                                   | CAS        | 1ST PRE-TRIAL |   |         |          | 2ND PRE-TRIAL |   |         |         | 3RD PRE-TRIAL |   |       |        | 4TH PRE-TRIAL |   |        |          | IP-0HR-TRIAL |   |          |          | IP-30MIN-TRIAL |   |       |        | IP-1HR-TRIAL |   |       |          | IP-1HR 30MIN-TRIAL |   |         |          |
|---|------------|---------------|---|---------|----------|---------------|---|---------|---------|---------------|---|-------|--------|---------------|---|--------|----------|--------------|---|----------|----------|----------------|---|-------|--------|--------------|---|-------|----------|--------------------|---|---------|----------|
|   |            | Conc          | Q | RL      | MDL      | Conc          | Q | RL      | MDL     | Conc          | Q | RL    | MDL    | Conc          | Q | RL     | MDL      | Conc         | Q | RL       | MDL      | Conc           | Q | RL    | MDL    | Conc         | Q | RL    | MDL      | Conc               | Q | RL      | MDL      |
| <b>VOLATILE ORGANICS BY GC/MS</b>         |            |               |   |         |          |               |   |         |         |               |   |       |        |               |   |        |          |              |   |          |          |                |   |       |        |              |   |       |          |                    |   |         |          |
| Naphthalene                               | 91-20-3    | ND            |   | 2.5     | 0.7      | 1.1           | J | 2.5     | 0.7     | ND            |   | 2.5   | 0.7    | ND            |   | 2.5    | 0.7      | ND           |   | 2.5      | 0.7      | ND             |   | 2.5   | 0.7    | ND           |   | 2.5   | 0.7      | ND                 |   | 2.5     | 0.7      |
| p-Diethylbenzene                          | 105-05-5   | ND            |   | 2       | 0.7      | 1.5           | J | 2       | 0.7     | ND            |   | 2     | 0.7    | ND            |   | 2      | 0.7      | ND           |   | 2        | 0.7      | ND             |   | 2     | 0.7    | ND           |   | 2     | 0.7      | ND                 |   | 2       | 0.7      |
| 1,2,4,5-Tetramethylbenzene                | 95-93-2    | 1.4           | J | 2       | 0.54     | 2.8           |   | 2       | 0.54    | 0.99          | J | 2     | 0.54   | 0.82          | J | 2      | 0.54     | 1            | J | 2        | 0.54     | ND             |   | 2     | 0.54   | 1.2          | J | 2     | 0.54     | ND                 |   | 2       | 0.54     |
| Total VOCs                                |            | 1.4           | - | -       | -        | 5.4           | - | -       | -       | 0.99          | - | -     | -      | 0.82          | - | -      | -        | 1            | - | -        | -        | -              | - | -     | -      | 1.2          | - | -     | -        | -                  | - | -       |          |
| <b>1,4 DIOXANE BY 8270E-SIM</b>           |            |               |   |         |          |               |   |         |         |               |   |       |        |               |   |        |          |              |   |          |          |                |   |       |        |              |   |       |          |                    |   |         |          |
| <b>SEMIVOLATILE ORGANICS BY GC/MS</b>     |            |               |   |         |          |               |   |         |         |               |   |       |        |               |   |        |          |              |   |          |          |                |   |       |        |              |   |       |          |                    |   |         |          |
| Benzoic Acid                              | 65-85-0    | ND            |   | 50      | 2.6      | ND            |   | 50      | 2.6     | ND            |   | 50    | 2.6    | ND            |   | 50     | 2.6      | ND           |   | 50       | 2.6      | ND             |   | 50    | 2.6    | ND           |   | 50    | 2.6      | 8.3                | J | 50      | 2.6      |
| Total SVOCs                               |            | -             | - | -       | -        | -             | - | -       | -       | -             | - | -     | -      | -             | - | -      | -        | -            | - | -        | -        | -              | - | -     | -      | -            | - | -     | -        | -                  | - | -       | -        |
| <b>SEMIVOLATILE ORGANICS BY GC/MS-SIM</b> |            |               |   |         |          |               |   |         |         |               |   |       |        |               |   |        |          |              |   |          |          |                |   |       |        |              |   |       |          |                    |   |         |          |
| Acenaphthene                              | 83-32-9    | ND            |   | 0.1     | 0.01     | ND            |   | 0.1     | 0.01    | ND            |   | 0.1   | 0.01   | ND            |   | 0.1    | 0.01     | ND           |   | 0.1      | 0.01     | ND             |   | 0.1   | 0.01   | ND           |   | 0.1   | 0.01     | ND                 |   | 0.1     | 0.01     |
| Fluoranthene                              | 206-44-0   | ND            |   | 0.1     | 0.02     | ND            |   | 0.1     | 0.02    | ND            |   | 0.1   | 0.02   | 0.02          | J | 0.1    | 0.02     | ND           |   | 0.1      | 0.02     | ND             |   | 0.1   | 0.02   | ND           |   | 0.1   | 0.02     | 0.04               | J | 0.1     | 0.02     |
| Naphthalene                               | 91-20-3    | ND            |   | 0.1     | 0.05     | 0.24          |   | 0.1     | 0.05    | 0.16          |   | 0.1   | 0.05   | 0.09          | J | 0.1    | 0.05     | 0.14         |   | 0.1      | 0.05     | 0.11           |   | 0.1   | 0.05   | 0.16         |   | 0.1   | 0.05     | 0.1                |   | 0.1     | 0.05     |
| Benzo(a)anthracene                        | 56-55-3    | 0.04          | J | 0.1     | 0.02     | 0.04          | J | 0.1     | 0.02    | 0.04          | J | 0.1   | 0.02   | 0.05          | J | 0.1    | 0.02     | 0.04         | J | 0.1      | 0.02     | 0.05           | J | 0.1   | 0.02   | 0.05         | J | 0.1   | 0.02     | 0.06               | J | 0.1     | 0.02     |
| Benzo(a)pyrene                            | 50-32-8    | ND            |   | 0.1     | 0.02     | ND            |   | 0.1     | 0.02    | ND            |   | 0.1   | 0.02   | ND            |   | 0.1    | 0.02     | ND           |   | 0.1      | 0.02     | ND             |   | 0.1   | 0.02   | ND           |   | 0.1   | 0.02     | 0.02               | J | 0.1     | 0.02     |
| Benzo(b)fluoranthene                      | 205-99-2   | ND            |   | 0.1     | 0.01     | ND            |   | 0.1     | 0.01    | ND            |   | 0.1   | 0.01   | 0.01          | J | 0.1    | 0.01     | ND           |   | 0.1      | 0.01     | 0.03           | J | 0.1   | 0.01   | 0.03         | J | 0.1   | 0.01     | 0.03               | J | 0.1     | 0.01     |
| Benzo(k)fluoranthene                      | 207-08-9   | ND            |   | 0.1     | 0.01     | ND            |   | 0.1     | 0.01    | ND            |   | 0.1   | 0.01   | ND            |   | 0.1    | 0.01     | ND           |   | 0.1      | 0.01     | 0.02           | J | 0.1   | 0.01   | 0.01         | J | 0.1   | 0.01     | 0.01               | J | 0.1     | 0.01     |
| Chrysene                                  | 218-01-9   | ND            |   | 0.1     | 0.01     | ND            |   | 0.1     | 0.01    | ND            |   | 0.1   | 0.01   | ND            |   | 0.1    | 0.01     | ND           |   | 0.1      | 0.01     | ND             |   | 0.1   | 0.01   | 0.01         | J | 0.1   | 0.01     | 0.01               | J | 0.1     | 0.01     |
| Acenaphthylene                            | 208-96-8   | ND            |   | 0.1     | 0.01     | ND            |   | 0.1     | 0.01    | ND            |   | 0.1   | 0.01   | ND            |   | 0.1    | 0.01     | ND           |   | 0.1      | 0.01     | ND             |   | 0.1   | 0.01   | ND           |   | 0.1   | 0.01     | ND                 |   | 0.1     | 0.01     |
| Anthracene                                | 120-12-7   | ND            |   | 0.1     | 0.01     | ND            |   | 0.1     | 0.01    | ND            |   | 0.1   | 0.01   | ND            |   | 0.1    | 0.01     | ND           |   | 0.1      | 0.01     | ND             |   | 0.1   | 0.01   | ND           |   | 0.1   | 0.01     | ND                 |   | 0.1     | 0.01     |
| Benzo(ghi)perylene                        | 191-24-2   | ND            |   | 0.1     | 0.01     | ND            |   | 0.1     | 0.01    | ND            |   | 0.1   | 0.01   | ND            |   | 0.1    | 0.01     | ND           |   | 0.1      | 0.01     | 0.03           | J | 0.1   | 0.01   | 0.02         | J | 0.1   | 0.01     | 0.02               | J | 0.1     | 0.01     |
| Fluorene                                  | 86-73-7    | ND            |   | 0.1     | 0.01     | ND            |   | 0.1     | 0.01    | ND            |   | 0.1   | 0.01   | ND            |   | 0.1    | 0.01     | ND           |   | 0.1      | 0.01     | ND             |   | 0.1   | 0.01   | ND           |   | 0.1   | 0.01     | ND                 |   | 0.1     | 0.01     |
| Phenanthrene                              | 85-01-8    | ND            |   | 0.1     | 0.02     | ND            |   | 0.1     | 0.02    | ND            |   | 0.1   | 0.02   | ND            |   | 0.1    | 0.02     | ND           |   | 0.1      | 0.02     | ND             |   | 0.1   | 0.02   | ND           |   | 0.1   | 0.02     | 0.03               | J | 0.1     | 0.02     |
| Dibenzo(a,h)anthracene                    | 53-70-3    | ND            |   | 0.1     | 0.01     | ND            |   | 0.1     | 0.01    | ND            |   | 0.1   | 0.01   | ND            |   | 0.1    | 0.01     | ND           |   | 0.1      | 0.01     | ND             |   | 0.1   | 0.01   | ND           |   | 0.1   | 0.01     | ND                 |   | 0.1     | 0.01     |
| Indeno(1,2,3-cd)pyrene                    | 193-39-5   | ND            |   | 0.1     | 0.01     | ND            |   | 0.1     | 0.01    | ND            |   | 0.1   | 0.01   | ND            |   | 0.1    | 0.01     | ND           |   | 0.1      | 0.01     | 0.04           | J | 0.1   | 0.01   | 0.02         | J | 0.1   | 0.01     | 0.02               | J | 0.1     | 0.01     |
| Pyrene                                    | 129-00-0   | ND            |   | 0.1     | 0.02     | ND            |   | 0.1     | 0.02    | ND            |   | 0.1   | 0.02   | ND            |   | 0.1    | 0.02     | ND           |   | 0.1      | 0.02     | ND             |   | 0.1   | 0.02   | ND           |   | 0.1   | 0.02     | 0.03               | J | 0.1     | 0.02     |
| 2-Methylnaphthalene                       | 91-57-6    | 0.05          | J | 0.1     | 0.02     | 0.33          |   | 0.1     | 0.02    | 0.24          |   | 0.1   | 0.02   | 0.16          |   | 0.1    | 0.02     | 0.26         |   | 0.1      | 0.02     | 0.22           |   | 0.1   | 0.02   | 0.36         |   | 0.1   | 0.02     | 0.23               |   | 0.1     | 0.02     |
| Hexachlorobenzene                         | 118-74-1   | ND            |   | 0.8     | 0.01     | ND            |   | 0.8     | 0.01    | ND            |   | 0.8   | 0.01   | ND            |   | 0.8    | 0.01     | ND           |   | 0.8      | 0.01     | ND             |   | 0.8   | 0.01   | 0.01         | J | 0.8   | 0.01     | ND                 |   | 0.8     | 0.01     |
| Total SVOCs                               |            | 0.09          | - | -       | -        | 0.61          | - | -       | -       | 0.44          | - | -     | -      | 0.33          | - | -      | -        | 0.44         | - | -        | -        | 0.52           | - | -     | -      | 0.67         | - | -     | -        | -                  | - | -       | -        |
| <b>ORGANOCHLORINE PESTICIDES BY GC</b>    |            |               |   |         |          |               |   |         |         |               |   |       |        |               |   |        |          |              |   |          |          |                |   |       |        |              |   |       |          |                    |   |         |          |
| <b>PCB CONGENERS (NOAA LIST)</b>          |            |               |   |         |          |               |   |         |         |               |   |       |        |               |   |        |          |              |   |          |          |                |   |       |        |              |   |       |          |                    |   |         |          |
| C13-BZ#18                                 | 37690-65-2 | 0.00264       |   | 0.00101 | 0.000505 | 0.00265       |   | 0.00102 | 0.00051 | 0.00188       |   | 0.001 | 0.0005 | 0.00147       |   | 0.0012 | 0.000602 | 0.002        |   | 0.000995 | 0.000498 | 0.00195        |   | 0.001 | 0.0005 | 0.00185      |   | 0.001 | 0.000502 | 0.00178            |   | 0.00099 | 0.000495 |
| C13-BZ#28                                 | 7012-37-5  | 0.00206       |   | 0.00101 | 0.000505 | 0.00219       |   | 0.00102 | 0.00051 | 0.00164       |   | 0.001 | 0.0005 | 0.00144       |   | 0.0012 | 0.000602 | 0.00176      |   | 0.000995 | 0.000498 | 0.00154        |   | 0.001 | 0.0005 | 0.00144      |   | 0.001 | 0.000502 | 0.00152            |   | 0.00099 | 0.000495 |
| C14-BZ#49                                 | 41464-40-8 | 0.000799      | J | 0.00101 | 0.000505 | 0.000941      | J | 0.00102 | 0.00051 | 0.000846      | J | 0.001 | 0.0005 | 0.000698      | J | 0.0012 | 0.000602 | 0.000836     | J | 0.000995 | 0.000498 | 0.000815       | J | 0.001 | 0.0005 | 0.000763     | J | 0.001 | 0.000502 | 0.000806           | J | 0.00099 | 0.000495 |
| C14-BZ#52                                 | 35693-99-3 | 0.00177       |   | 0.00101 | 0.000505 | 0.00138       |   | 0.00102 | 0.00051 | 0.00093       |   | 0.001 | 0.0005 | 0.000917      | J | 0.0012 | 0.000602 | 0.00102      |   | 0.000995 | 0.000498 | 0.00108        |   | 0.001 | 0.0005 | 0.000826     | J | 0.001 | 0.000502 | 0.000868           | J | 0.00099 | 0.000495 |
| C15-BZ#101                                | 37680-73-2 | ND            |   | 0.00101 | 0.000505 | ND            |   | 0.00102 | 0.00051 | ND            |   | 0.001 | 0.0005 | ND            |   | 0.0012 | 0.000602 | ND           |   | 0.000995 | 0.000498 | ND             |   | 0.001 | 0.0005 | ND           |   | 0.001 | 0.000502 | ND                 |   | 0.00099 | 0.000495 |
| <b>TOTAL METALS</b>                       |            |               |   |         |          |               |   |         |         |               |   |       |        |               |   |        |          |              |   |          |          |                |   |       |        |              |   |       |          |                    |   |         |          |
| Antimony, Total                           | 7440-36-0  | ND            |   | 4       | 0.42     | ND            |   | 4       | 0.42    | ND            |   | 4     | 0.42   | ND            |   | 4      | 0.42     | ND           |   | 4        | 0.42     | ND             |   | 4     | 0.42   | ND           |   | 4     | 0.42     | ND                 |   | 4       | 0.42     |
| Arsenic, Total                            | 7440-38-2  | 0.96          |   | 0.5     | 0.16     | 1.24          |   | 0.5     | 0.16    | 1.14          |   | 0.5   | 0.16   | 1             |   | 0.5    | 0.16     | 1.1          |   | 0.5      | 0.16     | 1.04           |   | 0.5   | 0.16   | 1.05         |   | 0.5   | 0.16     | 1.15               |   | 0.5     | 0.16     |
| Barium, Total                             | 7440-39-3  | 31.26         |   | 0.5     | 0.17     | 32.3          |   | 0.5     | 0.17    | 32.69         |   | 0.5   | 0.17   | 31.86         |   | 0.5    | 0.17     | 30.77        |   | 0.5      | 0.17     | 33.02          |   | 0.5   | 0.17   | 33.02        |   | 0.5   | 0.17     | 32.74              |   | 0.5     | 0.17     |
| Chromium, Total                           | 7440-47-3  | 0.89          | J | 1       | 0.17     | 0.89          | J | 1       | 0.17    | 0.65          | J | 1     | 0.17   | 0.56          | J | 1      | 0.17     | 0.73         | J | 1        | 0.17     | 0.71           | J | 1     | 0.17   | 0.77         | J | 1     | 0.17     | 0.65               | J | 1       | 0.17     |
| Iron, Total                               | 7439-89-6  | 1240          |   | 50      | 19.1     | 750           |   | 50      | 19.1    | 537           |   | 50    | 19.1   | 460           |   | 50     | 19.1     | 589          |   | 50       | 19.1     | 526            |   | 50    | 19.1   | 506          |   | 50    | 19.1     | 439                |   | 50      | 19.1     |
| Manganese, Total                          | 7439-96-5  | 61.16         |   | 1       | 0.44     | 59.95         |   | 1       | 0.44    | 53.01         |   | 1     | 0.44   | 48.23         |   | 1      | 0.44     | 54.28        |   | 1        | 0.44     | 54.24          |   | 1     | 0.44   | 52.04        |   | 1     | 0.44     | 53.29              |   | 1       | 0.44     |
| Mercury, Total                            | 7439-97-6  | 0.11          | J | 0.2     | 0.09     | 0.11          | J | 0.2     | 0.09    | 0.13          | J | 0.2   | 0.09   | 0.12          | J | 0.2    | 0.09     | 0.11         | J | 0.2      | 0.09     | 0.11           | J | 0.2   | 0.09   | 0.11         | J | 0.2   | 0.09     | 0.11               | J | 0.2     | 0.09     |
| Sodium, Total                             | 7440-23-5  | 250000        |   | 100     | 29.3     | 232000        |   | 100     | 29.3    | 222000        |   | 100   | 29.3   | 237000        |   | 100    | 29.3     | 273000       |   | 100      | 29.3     | 285000         |   | 100   | 29.3   | 294000       |   | 100   | 29.3     | 322000             |   | 100     | 29.3     |
| Thallium, Total                           | 7440-28-0  | ND            |   | 1       | 0.14     | ND            |   | 1       | 0.14    | ND            |   | 1     | 0.14   | ND            |   | 1      | 0.14     | ND           |   | 1        | 0.14     | ND             |   | 1     | 0.14   | ND           |   | 1     | 0.14     | ND                 |   | 1       | 0.14     |
| Zinc, Total                               | 7440-66-6  | 50.42         |   | 10      | 3.41     | 28.05         |   | 10      | 3.41    | 11.2          |   | 10    | 3.41   | 9.45          | J |        |          |              |   |          |          |                |   |       |        |              |   |       |          |                    |   |         |          |

| ANALYTE                                   | CAS        | IP-2HR-TRIAL |   |         |          | IP-2HR 30MIN-TRIAL |   |       |        | IP-3HR-TRIAL |   |          |          | IP-3HR 30MIN-TRIAL |   |       |        | IP-4HR-TRIAL |   |         |          | IP-4HR 30MIN-TRIAL |   |         |          | IP-5HR-TRIAL |   |       |        | IP-5HR 30MIN-TRIAL |   |       |        |
|---|------------|--------------|---|---------|----------|--------------------|---|-------|--------|--------------|---|----------|----------|--------------------|---|-------|--------|--------------|---|---------|----------|--------------------|---|---------|----------|--------------|---|-------|--------|--------------------|---|-------|--------|
|   |            | Conc         | Q | RL      | MDL      | Conc               | Q | RL    | MDL    | Conc         | Q | RL       | MDL      | Conc               | Q | RL    | MDL    | Conc         | Q | RL      | MDL      | Conc               | Q | RL      | MDL      | Conc         | Q | RL    | MDL    | Conc               | Q | RL    | MDL    |
| <b>VOLATILE ORGANICS BY GC/MS</b>         |            |              |   |         |          |                    |   |       |        |              |   |          |          |                    |   |       |        |              |   |         |          |                    |   |         |          |              |   |       |        |                    |   |       |        |
| Naphthalene                               | 91-20-3    | ND           |   | 2.5     | 0.7      | ND                 |   | 2.5   | 0.7    | ND           |   | 2.5      | 0.7      | ND                 |   | 2.5   | 0.7    | ND           |   | 2.5     | 0.7      | ND                 |   | 2.5     | 0.7      | ND           |   | 2.5   | 0.7    | ND                 |   | 2.5   | 0.7    |
| p-Diethylbenzene                          | 105-05-5   | ND           |   | 2       | 0.7      | ND                 |   | 2     | 0.7    | ND           |   | 2        | 0.7      | ND                 |   | 2     | 0.7    | ND           |   | 2       | 0.7      | ND                 |   | 2       | 0.7      | ND           |   | 2     | 0.7    | ND                 |   | 2     | 0.7    |
| 1,2,4,5-Tetramethylbenzene                | 95-93-2    | ND           |   | 2       | 0.54     | ND                 |   | 2     | 0.54   | 0.89         | J | 2        | 0.54     | ND                 |   | 2     | 0.54   | ND           |   | 2       | 0.54     | ND                 |   | 2       | 0.54     | ND           |   | 2     | 0.54   | ND                 |   | 2     | 0.54   |
| Total VOCs                                |            | -            | - | -       | -        | -                  | - | -     | -      | 0.89         | - | -        | -        | -                  | - | -     | -      | -            | - | -       | -        | -                  | - | -       | -        | -            | - | -     | -      | -                  | - | -     |        |
| <b>1,4 DIOXANE BY 8270E-SIM</b>           |            |              |   |         |          |                    |   |       |        |              |   |          |          |                    |   |       |        |              |   |         |          |                    |   |         |          |              |   |       |        |                    |   |       |        |
| <b>SEMIVOLATILE ORGANICS BY GC/MS</b>     |            |              |   |         |          |                    |   |       |        |              |   |          |          |                    |   |       |        |              |   |         |          |                    |   |         |          |              |   |       |        |                    |   |       |        |
| Benzoic Acid                              | 65-85-0    | ND           |   | 50      | 2.6      | 8.2                | J | 50    | 2.6    | ND           |   | 50       | 2.6      | ND                 |   | 50    | 2.6    | 11           | J | 50      | 2.6      | ND                 |   | 50      | 2.6      | ND           |   | 50    | 2.6    | ND                 |   | 50    | 2.6    |
| Total SVOCs                               |            | -            | - | -       | -        | 8.2                | - | -     | -      | -            | - | -        | -        | -                  | - | -     | -      | 11           | - | -       | -        | -                  | - | -       | -        | -            | - | -     | -      | -                  | - | -     |        |
| <b>SEMIVOLATILE ORGANICS BY GC/MS-SIM</b> |            |              |   |         |          |                    |   |       |        |              |   |          |          |                    |   |       |        |              |   |         |          |                    |   |         |          |              |   |       |        |                    |   |       |        |
| Acenaphthene                              | 83-32-9    | ND           |   | 0.1     | 0.01     | ND                 |   | 0.1   | 0.01   | ND           |   | 0.1      | 0.01     | ND                 |   | 0.1   | 0.01   | ND           |   | 0.1     | 0.01     | ND                 |   | 0.1     | 0.01     | ND           |   | 0.1   | 0.01   | ND                 |   | 0.1   | 0.01   |
| Fluoranthene                              | 206-44-0   | 0.03         | J | 0.1     | 0.02     | ND                 |   | 0.1   | 0.02   | ND           |   | 0.1      | 0.02     | 0.17               |   | 0.1   | 0.02   | ND           |   | 0.1     | 0.02     | ND                 |   | 0.1     | 0.02     | ND           |   | 0.1   | 0.02   | 0.02               | J | 0.1   | 0.02   |
| Naphthalene                               | 91-20-3    | 0.09         | J | 0.1     | 0.05     | 0.1                |   | 0.1   | 0.05   | 0.09         | J | 0.1      | 0.05     | 0.07               | J | 0.1   | 0.05   | ND           |   | 0.1     | 0.05     | ND                 |   | 0.1     | 0.05     | ND           |   | 0.1   | 0.05   | 0.12               | J | 0.1   | 0.05   |
| Benzo(a)anthracene                        | 56-55-3    | 0.05         | J | 0.1     | 0.02     | 0.05               | J | 0.1   | 0.02   | 0.05         | J | 0.1      | 0.02     | 0.23               |   | 0.1   | 0.02   | 0.04         | J | 0.1     | 0.02     | 0.05               | J | 0.1     | 0.02     | 0.04         | J | 0.1   | 0.02   | 0.05               | J | 0.1   | 0.02   |
| Benzo(a)pyrene                            | 50-32-8    | ND           |   | 0.1     | 0.02     | ND                 |   | 0.1   | 0.02   | ND           |   | 0.1      | 0.02     | 0.2                |   | 0.1   | 0.02   | ND           |   | 0.1     | 0.02     | ND                 |   | 0.1     | 0.02     | ND           |   | 0.1   | 0.02   | ND                 |   | 0.1   | 0.02   |
| Benzo(b)fluoranthene                      | 205-99-2   | 0.02         | J | 0.1     | 0.01     | 0.01               | J | 0.1   | 0.01   | ND           |   | 0.1      | 0.01     | 0.34               |   | 0.1   | 0.01   | ND           |   | 0.1     | 0.01     | 0.02               | J | 0.1     | 0.01     | ND           |   | 0.1   | 0.01   | 0.01               | J | 0.1   | 0.01   |
| Benzo(k)fluoranthene                      | 207-08-9   | ND           |   | 0.1     | 0.01     | ND                 |   | 0.1   | 0.01   | ND           |   | 0.1      | 0.01     | 0.11               |   | 0.1   | 0.01   | ND           |   | 0.1     | 0.01     | ND                 |   | 0.1     | 0.01     | ND           |   | 0.1   | 0.01   | ND                 |   | 0.1   | 0.01   |
| Chrysene                                  | 218-01-9   | 0.01         | J | 0.1     | 0.01     | ND                 |   | 0.1   | 0.01   | ND           |   | 0.1      | 0.01     | 0.19               |   | 0.1   | 0.01   | ND           |   | 0.1     | 0.01     | ND                 |   | 0.1     | 0.01     | ND           |   | 0.1   | 0.01   | ND                 |   | 0.1   | 0.01   |
| Acenaphthylene                            | 208-96-8   | ND           |   | 0.1     | 0.01     | ND                 |   | 0.1   | 0.01   | ND           |   | 0.1      | 0.01     | 0.03               | J | 0.1   | 0.01   | ND           |   | 0.1     | 0.01     | ND                 |   | 0.1     | 0.01     | ND           |   | 0.1   | 0.01   | ND                 |   | 0.1   | 0.01   |
| Anthracene                                | 120-12-7   | ND           |   | 0.1     | 0.01     | ND                 |   | 0.1   | 0.01   | ND           |   | 0.1      | 0.01     | 0.02               | J | 0.1   | 0.01   | ND           |   | 0.1     | 0.01     | ND                 |   | 0.1     | 0.01     | ND           |   | 0.1   | 0.01   | ND                 |   | 0.1   | 0.01   |
| Benzo(ghi)perylene                        | 191-24-2   | ND           |   | 0.1     | 0.01     | ND                 |   | 0.1   | 0.01   | ND           |   | 0.1      | 0.01     | 0.23               |   | 0.1   | 0.01   | ND           |   | 0.1     | 0.01     | ND                 |   | 0.1     | 0.01     | ND           |   | 0.1   | 0.01   | ND                 |   | 0.1   | 0.01   |
| Fluorene                                  | 86-73-7    | ND           |   | 0.1     | 0.01     | ND                 |   | 0.1   | 0.01   | ND           |   | 0.1      | 0.01     | ND                 |   | 0.1   | 0.01   | ND           |   | 0.1     | 0.01     | ND                 |   | 0.1     | 0.01     | ND           |   | 0.1   | 0.01   | ND                 |   | 0.1   | 0.01   |
| Phenanthrene                              | 85-01-8    | 0.02         | J | 0.1     | 0.02     | ND                 |   | 0.1   | 0.02   | ND           |   | 0.1      | 0.02     | ND                 |   | 0.1   | 0.02   | ND           |   | 0.1     | 0.02     | ND                 |   | 0.1     | 0.02     | ND           |   | 0.1   | 0.02   | ND                 |   | 0.1   | 0.02   |
| Dibenzo(a,h)anthracene                    | 53-70-3    | ND           |   | 0.1     | 0.01     | ND                 |   | 0.1   | 0.01   | ND           |   | 0.1      | 0.01     | 0.05               | J | 0.1   | 0.01   | ND           |   | 0.1     | 0.01     | ND                 |   | 0.1     | 0.01     | ND           |   | 0.1   | 0.01   | ND                 |   | 0.1   | 0.01   |
| Indeno(1,2,3-cd)pyrene                    | 193-39-5   | 0.01         | J | 0.1     | 0.01     | ND                 |   | 0.1   | 0.01   | ND           |   | 0.1      | 0.01     | 0.26               |   | 0.1   | 0.01   | ND           |   | 0.1     | 0.01     | 0.02               | J | 0.1     | 0.01     | ND           |   | 0.1   | 0.01   | ND                 |   | 0.1   | 0.01   |
| Pyrene                                    | 129-00-0   | 0.03         | J | 0.1     | 0.02     | ND                 |   | 0.1   | 0.02   | ND           |   | 0.1      | 0.02     | 0.17               |   | 0.1   | 0.02   | ND           |   | 0.1     | 0.02     | ND                 |   | 0.1     | 0.02     | ND           |   | 0.1   | 0.02   | ND                 |   | 0.1   | 0.02   |
| 2-Methylnaphthalene                       | 91-57-6    | 0.2          |   | 0.1     | 0.02     | 0.24               |   | 0.1   | 0.02   | 0.22         |   | 0.1      | 0.02     | 0.18               |   | 0.1   | 0.02   | 0.08         | J | 0.1     | 0.02     | ND                 |   | 0.1     | 0.02     | 0.04         | J | 0.1   | 0.02   | 0.08               | J | 0.1   | 0.02   |
| Hexachlorobenzene                         | 118-74-1   | 0.02         | J | 0.8     | 0.01     | 0.02               | J | 0.8   | 0.01   | ND           |   | 0.8      | 0.01     | ND                 |   | 0.8   | 0.01   | ND           |   | 0.8     | 0.01     | ND                 |   | 0.8     | 0.01     | ND           |   | 0.8   | 0.01   | ND                 |   | 0.8   | 0.01   |
| Total SVOCs                               |            | 0.48         | - | -       | -        | 0.42               | - | -     | -      | 0.36         | - | -        | -        | 2.25               | - | -     | -      | 0.12         | - | -       | -        | 0.09               | - | -       | -        | 0.08         | - | -     | -      | 0.28               | - | -     |        |
| <b>ORGANOCHLORINE PESTICIDES BY GC</b>    |            |              |   |         |          |                    |   |       |        |              |   |          |          |                    |   |       |        |              |   |         |          |                    |   |         |          |              |   |       |        |                    |   |       |        |
| <b>PCB CONGENERS (NOAA LIST)</b>          |            |              |   |         |          |                    |   |       |        |              |   |          |          |                    |   |       |        |              |   |         |          |                    |   |         |          |              |   |       |        |                    |   |       |        |
| C13-BZ#18                                 | 37690-65-2 | 0.0017       |   | 0.00101 | 0.000505 | 0.00196            |   | 0.001 | 0.0005 | 0.00225      |   | 0.000995 | 0.000498 | 0.00161            |   | 0.001 | 0.0005 | 0.00139      |   | 0.00099 | 0.000495 | 0.00171            |   | 0.00103 | 0.000515 | 0.00128      |   | 0.001 | 0.0005 | 0.00164            |   | 0.001 | 0.0005 |
| C13-BZ#28                                 | 7012-37-5  | 0.00158      |   | 0.00101 | 0.000505 | 0.00189            |   | 0.001 | 0.0005 | 0.00208      |   | 0.000995 | 0.000498 | 0.00155            |   | 0.001 | 0.0005 | 0.0012       |   | 0.00099 | 0.000495 | 0.00142            |   | 0.00103 | 0.000515 | 0.00111      |   | 0.001 | 0.0005 | 0.00134            |   | 0.001 | 0.0005 |
| C14-BZ#49                                 | 41464-40-8 | 0.000747     | J | 0.00101 | 0.000505 | 0.000932           | J | 0.001 | 0.0005 | 0.000914     | J | 0.000995 | 0.000498 | 0.00067            | J | 0.001 | 0.0005 | 0.000652     | J | 0.00099 | 0.000495 | 0.000691           | J | 0.00103 | 0.000515 | 0.000589     | J | 0.001 | 0.0005 | 0.000765           | J | 0.001 | 0.0005 |
| C14-BZ#52                                 | 35693-99-3 | 0.000929     | J | 0.00101 | 0.000505 | 0.00102            |   | 0.001 | 0.0005 | 0.000984     | J | 0.000995 | 0.000498 | 0.000869           | J | 0.001 | 0.0005 | 0.000785     | J | 0.00099 | 0.000495 | 0.00097            | J | 0.00103 | 0.000515 | 0.000721     | J | 0.001 | 0.0005 | 0.000795           | J | 0.001 | 0.0005 |
| C15-BZ#101                                | 37680-73-2 | ND           |   | 0.00101 | 0.000505 | ND                 |   | 0.001 | 0.0005 | ND           |   | 0.000995 | 0.000498 | ND                 |   | 0.001 | 0.0005 | ND           |   | 0.00099 | 0.000495 | ND                 |   | 0.00103 | 0.000515 | ND           |   | 0.001 | 0.0005 | ND                 |   | 0.001 | 0.0005 |
| <b>TOTAL METALS</b>                       |            |              |   |         |          |                    |   |       |        |              |   |          |          |                    |   |       |        |              |   |         |          |                    |   |         |          |              |   |       |        |                    |   |       |        |
| Antimony, Total                           | 7440-36-0  | ND           |   | 4       | 0.42     | ND                 |   | 4     | 0.42   | ND           |   | 4        | 0.42     | ND                 |   | 4     | 0.42   | ND           |   | 4       | 0.42     | ND                 |   | 4       | 0.42     | ND           |   | 4     | 0.42   | ND                 |   | 4     | 0.42   |
| Arsenic, Total                            | 7440-38-2  | 1.28         |   | 0.5     | 0.16     | 1.15               |   | 0.5   | 0.16   | 1.4          |   | 0.5      | 0.16     | 1.1                |   | 0.5   | 0.16   | 1.04         |   | 0.5     | 0.16     | 1.17               |   | 0.5     | 0.16     | 1.14         |   | 0.5   | 0.16   | 1.15               |   | 0.5   | 0.16   |
| Barium, Total                             | 7440-39-3  | 33.71        |   | 0.5     | 0.17     | 36                 |   | 0.5   | 0.17   | 35.75        |   | 0.5      | 0.17     | 34.24              |   | 0.5   | 0.17   | 34.56        |   | 0.5     | 0.17     | 35.53              |   | 0.5     | 0.17     | 35.14        |   | 0.5   | 0.17   | 34.33              |   | 0.5   | 0.17   |
| Chromium, Total                           | 7440-47-3  | 0.59         | J | 1       | 0.17     | 1.02               |   | 1     | 0.17   | 0.97         | J | 1        | 0.17     | 0.47               | J | 1     | 0.17   | 0.54         | J | 1       | 0.17     | 0.61               | J | 1       | 0.17     | 0.57         | J | 1     | 0.17   | 0.54               | J | 1     | 0.17   |
| Iron, Total                               | 7439-89-6  | 534          |   | 50      | 19.1     | 828                |   | 50    | 19.1   | 889          |   | 50       | 19.1     | 480                |   | 50    | 19.1   | 373          |   | 50      | 19.1     | 688                |   | 50      | 19.1     | 399          |   | 50    | 19.1   | 504                |   | 50    | 19.1   |
| Manganese, Total                          | 7439-96-5  | 57.11        |   | 1       | 0.44     | 78.53              |   | 1     | 0.44   | 88.69        |   | 1        | 0.44     | 58.09              |   | 1     | 0.44   | 50.89        |   | 1       | 0.44     | 56.34              |   | 1       | 0.44     | 48.36        |   | 1     | 0.44   | 52.2               |   | 1     | 0.44   |
| Mercury, Total                            | 7439-97-6  | 0.13         | J | 0.2     | 0.09     | 0.13               | J | 0.2   | 0.09   | 0.12         | J | 0.2      | 0.09     | 0.13               | J | 0.2   | 0.09   | 0.13         | J | 0.2     | 0.09     | 0.13               | J | 0.2     | 0.09     | 0.11         | J | 0.2   | 0.09   | 0.11               | J | 0.2   | 0.09   |
| Sodium, Total                             | 7440-23-5  | 363000       |   | 100     | 29.3     | 376000             |   | 100   | 29.3   | 403000       |   | 100      | 29.3     | 450000             |   | 100   | 29.3   | 482000       |   | 100     | 29.3     | 454000             |   | 100     | 29.3     | 448000       |   | 100   | 29.3   | 420000             |   | 100   | 29.3   |
| Thallium, Total                           | 7440-28-0  | ND           |   | 1       | 0.14     | ND                 |   | 1     | 0.14   | ND           |   | 1        | 0.14     | ND                 |   | 1     | 0.14   | ND           |   | 1       | 0.14     | ND                 |   | 1       | 0.14     | ND           |   | 1     | 0.14   | ND                 |   | 1     | 0.14   |
| Zinc, Total                               | 7440-66-6  | 7.94         | J | 10      | 3.41     | 9.97               | J | 10    | 3.41   | 14.12        | J | 10       | 3.41     | 6.58               | J | 10    | 3.41   | 7.74         | J | 10      | 3.41     | 15.5               | J | 10      | 3.41     | 8            |   |       |        |                    |   |       |        |

|   | SAMPLE ID:       | IP-6HR-TRIAL | IP-6HR 30MIN-TRIAL |   |         |         | IP-30MIN POST-TRIAL |   |         |          | IP-1HR POST-TRIAL |   |       |        | IP-1HR 30MIN POST-TRIAL |   |       |        | IP-2HR POST-TRIAL |   |         |         |
|---|------------------|--------------|--------------------|---|---------|---------|---------------------|---|---------|----------|-------------------|---|-------|--------|-------------------------|---|-------|--------|-------------------|---|---------|---------|
|   | LAB ID:          | L2249449-17  | L2249449-18        |   |         |         | L2249449-19         |   |         |          | L2249449-20       |   |       |        | L2249449-21             |   |       |        | L2249449-22       |   |         |         |
|   | COLLECTION DATE: | 9/9/2022     | 9/9/2022           |   |         |         | 9/9/2022            |   |         |          | 9/9/2022          |   |       |        | 9/9/2022                |   |       |        | 9/9/2022          |   |         |         |
|   | COLLECTION TIME: | 16:00        | 16:30              |   |         |         | 17:35               |   |         |          | 18:05             |   |       |        | 18:35                   |   |       |        | 19:05             |   |         |         |
|   | SAMPLE MATRIX:   | WATER        | WATER              |   |         |         | WATER               |   |         |          | WATER             |   |       |        | WATER                   |   |       |        | WATER             |   |         |         |
|   | NOCRIT           |              |                    |   |         |         |                     |   |         |          |                   |   |       |        |                         |   |       |        |                   |   |         |         |
| ANALYTE                                   | CAS              | (ug/l)       | Conc               | Q | RL      | MDL     | Conc                | Q | RL      | MDL      | Conc              | Q | RL    | MDL    | Conc                    | Q | RL    | MDL    | Conc              | Q | RL      | MDL     |
| <b>VOLATILE ORGANICS BY GC/MS</b>         |                  |              |                    |   |         |         |                     |   |         |          |                   |   |       |        |                         |   |       |        |                   |   |         |         |
| Naphthalene                               | 91-20-3          |              | ND                 |   | 2.5     | 0.7     | ND                  |   | 2.5     | 0.7      | ND                |   | 2.5   | 0.7    | ND                      |   | 2.5   | 0.7    | ND                |   | 2.5     | 0.7     |
| p-Diethylbenzene                          | 105-05-5         |              | ND                 |   | 2       | 0.7     | ND                  |   | 2       | 0.7      | ND                |   | 2     | 0.7    | ND                      |   | 2     | 0.7    | ND                |   | 2       | 0.7     |
| 1,2,4,5-Tetramethylbenzene                | 95-93-2          |              | ND                 |   | 2       | 0.54    | ND                  |   | 2       | 0.54     | ND                |   | 2     | 0.54   | ND                      |   | 2     | 0.54   | ND                |   | 2       | 0.54    |
| Total VOCs                                |                  |              | -                  | - | -       | -       | -                   | - | -       | -        | -                 | - | -     | -      | -                       | - | -     | -      | -                 | - | -       | -       |
| <b>1,4 DIOXANE BY 8270E-SIM</b>           |                  |              |                    |   |         |         |                     |   |         |          |                   |   |       |        |                         |   |       |        |                   |   |         |         |
| <b>SEMIVOLATILE ORGANICS BY GC/MS</b>     |                  |              |                    |   |         |         |                     |   |         |          |                   |   |       |        |                         |   |       |        |                   |   |         |         |
| Benzoic Acid                              | 65-85-0          |              | ND                 |   | 50      | 2.6     | ND                  |   | 50      | 2.6      | 9.7               | J | 50    | 2.6    | ND                      |   | 50    | 2.6    | ND                |   | 50      | 2.6     |
| Total SVOCs                               |                  |              | -                  | - | -       | -       | -                   | - | -       | -        | 9.7               | - | -     | -      | -                       | - | -     | -      | -                 | - | -       | -       |
| <b>SEMIVOLATILE ORGANICS BY GC/MS-SIM</b> |                  |              |                    |   |         |         |                     |   |         |          |                   |   |       |        |                         |   |       |        |                   |   |         |         |
| Acenaphthene                              | 83-32-9          |              | ND                 |   | 0.1     | 0.01    | ND                  |   | 0.1     | 0.01     | 0.02              | J | 0.1   | 0.01   | ND                      |   | 0.1   | 0.01   | ND                |   | 0.1     | 0.01    |
| Fluoranthene                              | 206-44-0         |              | 0.02               | J | 0.1     | 0.02    | ND                  |   | 0.1     | 0.02     | 0.03              | J | 0.1   | 0.02   | ND                      |   | 0.1   | 0.02   | ND                |   | 0.1     | 0.02    |
| Naphthalene                               | 91-20-3          |              | 0.05               | J | 0.1     | 0.05    | 0.22                |   | 0.1     | 0.05     | 0.58              |   | 0.1   | 0.05   | ND                      |   | 0.1   | 0.05   | 0.17              |   | 0.1     | 0.05    |
| Benzo(a)anthracene                        | 56-55-3          |              | 0.05               | J | 0.1     | 0.02    | 0.04                | J | 0.1     | 0.02     | 0.06              | J | 0.1   | 0.02   | 0.04                    | J | 0.1   | 0.02   | 0.04              | J | 0.1     | 0.02    |
| Benzo(a)pyrene                            | 50-32-8          |              | ND                 |   | 0.1     | 0.02    | ND                  |   | 0.1     | 0.02     | 0.02              | J | 0.1   | 0.02   | ND                      |   | 0.1   | 0.02   | ND                |   | 0.1     | 0.02    |
| Benzo(b)fluoranthene                      | 205-99-2         |              | 0.02               | J | 0.1     | 0.01    | ND                  |   | 0.1     | 0.01     | 0.03              | J | 0.1   | 0.01   | ND                      |   | 0.1   | 0.01   | ND                |   | 0.1     | 0.01    |
| Benzo(k)fluoranthene                      | 207-08-9         |              | ND                 |   | 0.1     | 0.01    | ND                  |   | 0.1     | 0.01     | 0.02              | J | 0.1   | 0.01   | ND                      |   | 0.1   | 0.01   | ND                |   | 0.1     | 0.01    |
| Chrysene                                  | 218-01-9         |              | ND                 |   | 0.1     | 0.01    | ND                  |   | 0.1     | 0.01     | 0.02              | J | 0.1   | 0.01   | ND                      |   | 0.1   | 0.01   | ND                |   | 0.1     | 0.01    |
| Acenaphthylene                            | 208-96-8         |              | ND                 |   | 0.1     | 0.01    | 0.01                | J | 0.1     | 0.01     | 0.02              | J | 0.1   | 0.01   | ND                      |   | 0.1   | 0.01   | ND                |   | 0.1     | 0.01    |
| Anthracene                                | 120-12-7         |              | ND                 |   | 0.1     | 0.01    | ND                  |   | 0.1     | 0.01     | ND                |   | 0.1   | 0.01   | ND                      |   | 0.1   | 0.01   | ND                |   | 0.1     | 0.01    |
| Benzo(ghi)perylene                        | 191-24-2         |              | ND                 |   | 0.1     | 0.01    | ND                  |   | 0.1     | 0.01     | 0.02              | J | 0.1   | 0.01   | ND                      |   | 0.1   | 0.01   | ND                |   | 0.1     | 0.01    |
| Fluorene                                  | 86-73-7          |              | ND                 |   | 0.1     | 0.01    | ND                  |   | 0.1     | 0.01     | 0.02              | J | 0.1   | 0.01   | 0.02                    | J | 0.1   | 0.01   | ND                |   | 0.1     | 0.01    |
| Phenanthrene                              | 85-01-8          |              | ND                 |   | 0.1     | 0.02    | ND                  |   | 0.1     | 0.02     | 0.04              | J | 0.1   | 0.02   | ND                      |   | 0.1   | 0.02   | ND                |   | 0.1     | 0.02    |
| Dibenzo(a,h)anthracene                    | 53-70-3          |              | ND                 |   | 0.1     | 0.01    | ND                  |   | 0.1     | 0.01     | ND                |   | 0.1   | 0.01   | ND                      |   | 0.1   | 0.01   | ND                |   | 0.1     | 0.01    |
| Indeno(1,2,3-cd)pyrene                    | 193-39-5         |              | ND                 |   | 0.1     | 0.01    | ND                  |   | 0.1     | 0.01     | 0.03              | J | 0.1   | 0.01   | ND                      |   | 0.1   | 0.01   | ND                |   | 0.1     | 0.01    |
| Pyrene                                    | 129-00-0         |              | 0.02               | J | 0.1     | 0.02    | ND                  |   | 0.1     | 0.02     | 0.03              | J | 0.1   | 0.02   | ND                      |   | 0.1   | 0.02   | ND                |   | 0.1     | 0.02    |
| 2-Methylnaphthalene                       | 91-57-6          |              | 0.13               |   | 0.1     | 0.02    | 0.09                | J | 0.1     | 0.02     | 0.17              |   | 0.1   | 0.02   | 0.08                    | J | 0.1   | 0.02   | 0.09              | J | 0.1     | 0.02    |
| Hexachlorobenzene                         | 118-74-1         |              | ND                 |   | 0.8     | 0.01    | ND                  |   | 0.8     | 0.01     | 0.01              | J | 0.8   | 0.01   | 0.01                    | J | 0.8   | 0.01   | ND                |   | 0.8     | 0.01    |
| Total SVOCs                               |                  |              | 0.29               | - | -       | -       | 0.36                | - | -       | -        | 1.12              | - | -     | -      | 0.15                    | - | -     | -      | 0.3               | - | -       | -       |
| <b>ORGANOCHLORINE PESTICIDES BY GC</b>    |                  |              |                    |   |         |         |                     |   |         |          |                   |   |       |        |                         |   |       |        |                   |   |         |         |
| <b>PCB CONGENERS (NOAA LIST)</b>          |                  |              |                    |   |         |         |                     |   |         |          |                   |   |       |        |                         |   |       |        |                   |   |         |         |
| Cl3-BZ#18                                 | 37680-65-2       |              | 0.00179            |   | 0.00102 | 0.00051 | 0.00236             |   | 0.00099 | 0.000495 | 0.0019            |   | 0.001 | 0.0005 | 0.00304                 |   | 0.001 | 0.0005 | 0.00261           |   | 0.00102 | 0.00051 |
| Cl3-BZ#28                                 | 7012-37-5        |              | 0.00143            |   | 0.00102 | 0.00051 | 0.00179             |   | 0.00099 | 0.000495 | 0.00141           |   | 0.001 | 0.0005 | 0.00248                 |   | 0.001 | 0.0005 | 0.00218           |   | 0.00102 | 0.00051 |
| Cl4-BZ#49                                 | 41464-40-8       |              | 0.000806           | J | 0.00102 | 0.00051 | 0.00103             |   | 0.00099 | 0.000495 | 0.000893          | J | 0.001 | 0.0005 | 0.0014                  |   | 0.001 | 0.0005 | 0.00108           |   | 0.00102 | 0.00051 |
| Cl4-BZ#52                                 | 35693-99-3       |              | 0.000812           | J | 0.00102 | 0.00051 | 0.00101             |   | 0.00099 | 0.000495 | 0.000815          | J | 0.001 | 0.0005 | 0.00138                 |   | 0.001 | 0.0005 | 0.00117           |   | 0.00102 | 0.00051 |
| Cl5-BZ#101                                | 37680-73-2       |              | ND                 |   | 0.00102 | 0.00051 | 0.000556            | J | 0.00099 | 0.000495 | ND                |   | 0.001 | 0.0005 | ND                      |   | 0.001 | 0.0005 | ND                |   | 0.00102 | 0.00051 |
| <b>TOTAL METALS</b>                       |                  |              |                    |   |         |         |                     |   |         |          |                   |   |       |        |                         |   |       |        |                   |   |         |         |
| Antimony, Total                           | 7440-36-0        |              | ND                 |   | 4       | 0.42    | ND                  |   | 4       | 0.42     | ND                |   | 4     | 0.42   | ND                      |   | 4     | 0.42   | 0.58              | J | 4       | 0.42    |
| Arsenic, Total                            | 7440-38-2        |              | 1.24               |   | 0.5     | 0.16    | 1.16                |   | 0.5     | 0.16     | 1.17              |   | 0.5   | 0.16   | 1.11                    |   | 0.5   | 0.16   | 1.11              |   | 0.5     | 0.16    |
| Barium, Total                             | 7440-39-3        |              | 36.65              |   | 0.5     | 0.17    | 33.66               |   | 0.5     | 0.17     | 32.65             |   | 0.5   | 0.17   | 32.21                   |   | 0.5   | 0.17   | 31.73             |   | 0.5     | 0.17    |
| Chromium, Total                           | 7440-47-3        |              | 0.78               | J | 1       | 0.17    | 0.48                | J | 1       | 0.17     | 0.51              | J | 1     | 0.17   | 0.9                     | J | 1     | 0.17   | 0.73              | J | 1       | 0.17    |
| Iron, Total                               | 7439-89-6        |              | 613                |   | 50      | 19.1    | 409                 |   | 50      | 19.1     | 364               |   | 50    | 19.1   | 414                     |   | 50    | 19.1   | 477               |   | 50      | 19.1    |
| Manganese, Total                          | 7439-96-5        |              | 58.4               |   | 1       | 0.44    | 45.97               |   | 1       | 0.44     | 44.37             |   | 1     | 0.44   | 46.77                   |   | 1     | 0.44   | 44.13             |   | 1       | 0.44    |
| Mercury, Total                            | 7439-97-6        |              | 0.11               | J | 0.2     | 0.09    | 0.11                | J | 0.2     | 0.09     | 0.11              | J | 0.2   | 0.09   | 0.12                    | J | 0.2   | 0.09   | 0.11              | J | 0.2     | 0.09    |
| Sodium, Total                             | 7440-23-5        |              | 425000             |   | 100     | 29.3    | 382000              |   | 100     | 29.3     | 314000            |   | 100   | 29.3   | 260000                  |   | 100   | 29.3   | 198000            |   | 100     | 29.3    |
| Thallium, Total                           | 7440-28-0        |              | ND                 |   | 1       | 0.14    | ND                  |   | 1       | 0.14     | ND                |   | 1     | 0.14   | ND                      |   | 1     | 0.14   | 0.19              | J | 1       | 0.14    |
| Zinc, Total                               | 7440-66-6        |              | 9.38               | J | 10      | 3.41    | 6.94                | J | 10      | 3.41     | 7.11              | J | 10    | 3.41   | 9.27                    | J | 10    | 3.41   | 6.65              | J | 10      | 3.41    |
| <b>GENERAL CHEMISTRY</b>                  |                  |              |                    |   |         |         |                     |   |         |          |                   |   |       |        |                         |   |       |        |                   |   |         |         |
| Solids, Total Suspended                   | NONE             |              | 19000              |   | 5000    | NA      | 14000               |   | 5000    | NA       | 14000             |   | 5000  | NA     | 18000                   |   | 5000  | NA     | 17000             |   | 5000    | NA      |
| Chloride                                  | 16887-00-6       |              | 780000             |   | 10000   | 8900    | 710000              |   | 20000   | 18000    | 550000            |   | 10000 | 8900   | 490000                  |   | 10000 | 8900   | 420000            |   | 10000   | 8900    |
| Fluoride                                  | 16984-48-8       |              | 150                | J | 200     | 10      | 150                 | J | 200     | 10       | 130               | J | 200   | 10     | 110                     | J | 200   | 10     | 120               | J | 200     | 10      |
| Sulfate                                   | 14808-79-8       |              | 98000              |   | 25000   | 3400    | 98000               |   | 25000   | 3400     | 85000             |   | 25000 | 3400   | 84000                   |   | 25000 | 3400   | 73000             |   | 25000   | 3400    |
| Total Organic Carbon                      | 7440-44-0        |              | 1320               |   | 500     | 97      | 1410                |   | 500     | 97       | 1570              |   | 500   | 97     | 1700                    |   | 500   | 97     | 2440              |   | 500     | 97      |

\* Comparison is not performed on parameters with non-numeric criteria.

NOCRIT: No Criteria Report -

