| Location ID:                                      | F-2         | GE-9                     | GE-10                     | GE-11                   | GE-13                    | GE-14                    | J9-23-7                  |
|---|-------------|--------------------------|---------------------------|-------------------------|--------------------------|--------------------------|--------------------------|
| Sample ID:<br>Sample Depth(Feet):                 | F-2<br>8-10 | RNG090810<br>8-10        | RNG101012<br>10-12        | RNG111012               | GE-13                    | GE-14                    | J9-23-7-4                |
| Parameter Date Collected:                         | 11/14/91    | 12/12/91                 | 10-12                     | 10-12<br>12/12/91       | 0-0.5<br>06/14/95        | 0-0.5<br>06/14/95        | 2-4<br>11/20/96          |
| Volatile Organics                                 | 711.10      | 1 1201201                | 1271137                   | 121231                  | 1 00/14/33               | 00/14/33                 | 1 11/20/30               |
| 1,1,1,2-Tetrachloroethane                         | NR          | ND(0.0060)               | ND(0.0060)                | ND(0.0060)              | ND(0.0010)               | ND(0.0010)               | ND(0.0060)               |
| 1,1,1-trichloro-2,2,2-trifluoroethane             | NR          | ND(0.012)                | ND(0.012)                 | ND(0.012)               | NA NA                    | NA NA                    | NA NA                    |
| 1,1,1-Trichloroethane                             | NR          | ND(0.0060)               | ND(0.0060)                | ND(0.0060)              | ND(0.0010)               | ND(0.0010)               | ND(0.0060)               |
| 1,1,2,2-Tetrachloroethane                         | NR          | ND(0.012)                | ND(0.012)                 | ND(0.012)               | ND(0.0010)               | ND(0.0010)               | ND(0.0060)               |
| 1,1,2-trichloro-1,2,2-trifluoroethane             | NR          | ND(0.012)                | ND(0.012)                 | ND(0.012)               | NA                       | NA                       | NA                       |
| 1,1,2-Trichloroethane                             | NR NR       | ND(0.0060)               | ND(0.0060)                | ND(0.0060)              | ND(0.0010)               | ND(0.0010)               | ND(0.0060)               |
| 1,1-Dichloroethane                                | NR<br>NR    | ND(0.0060)<br>ND(0.0060) | ND(0.0060)                | ND(0.0060)              | ND(0.0010)               | ND(0.0010)               | ND(0.0060)               |
| 1,2,3-Trichloropropane                            | NR          | ND(0.0060)               | ND(0.0060)<br>ND(0.018)   | ND(0.0060)<br>ND(0.018) | ND(0.0010)<br>ND(0.010)  | ND(0.0010)               | ND(0.0060)               |
| 1,2-Dibromo-3-chloropropane                       | NR          | ND(0.012)                | ND(0.013)                 | ND(0.013)               | ND(0.010)                | ND(0.010)<br>ND(0.0010)  | ND(0.0060)<br>ND(0.0060) |
| 1,2-Dibromoethane                                 | NR          | ND(0.0060)               | ND(0.0060)                | ND(0.0060)              | ND(0.0010)               | ND(0.0010)               | ND(0.0060)               |
| 1,2-Dichloroethane                                | NR          | ND(0.0060)               | ND(0.0060)                | ND(0.0060)              | ND(0.0010)               | ND(0.0010)               | ND(0.0060)               |
| 1,2-Dichloroethene (total)                        | NR          | ND(0.0060)               | ND(0.0060)                | ND(0.0060)              | NA                       | NA (                     | NA                       |
| 1,2-Dichloropropane                               | NR          | ND(0.0060)               | ND(0.0060)                | ND(0.0060)              | ND(0.0010)               | ND(0.0010)               | ND(0.0060)               |
| 1,4-Dioxane                                       | NR          | NA NA                    | NA NA                     | NA                      | ND(0.020)                | ND(0.020)                | ND(1.1)                  |
| 2-Butanone  | NR NR       | ND(0.012)                | ND(0.012)                 | ND(0.012)               | ND(0.0010)               | ND(0.0010)               | ND(0.011)                |
| 2-Chloro-1,3-butadiene 2-Chloroethylvinylether    | NR<br>NR    | NA<br>ND(0.012)          | NA NA                     | NA NA                   | ND(0.0010)               | ND(0.0010)               | ND(0.011)                |
| 2-Hexanone  | NR NR       | ND(0.012)                | ND(0.012)<br>ND(0.018)    | ND(0.012)<br>ND(0.018)  | ND(0.0010)<br>ND(0.010)  | ND(0.0010)<br>ND(0.010)  | ND(0.011)                |
| 3-Chloropropene                                   | NR          | ND(0.018)                | ND(0.018)                 | ND(0.018)               | ND(0.010)                | ND(0.010)                | ND(0.011)<br>ND(0.0060)  |
| 4-Methyl-2-pentanone                              | NR          | ND(0.018)                | ND(0.018)                 | ND(0.018)               | ND(0.010)                | ND(0.010)                | ND(0.0000)               |
| Acetone   | 18 B        | 0.056 B                  | 0.022 B                   | ND(0.012)               | ND(0.020)                | ND(0.020)                | ND(0.011)                |
| Acetonitrile                                      | NR          | NA                       | NA NA                     | NA                      | ND(0.010)                | ND(0.010)                | ND(0.23)                 |
| Acrolein  | NR          | ND(0.11)                 | ND(0.11)                  | ND(0.11)                | ND(0.010)                | ND(0.010)                | ND(0.057)                |
| Acrylonitrile                                     | NR NR       | ND(0.15)                 | ND(0.14)                  | ND(0.14)                | ND(0.010)                | ND(0.010)                | ND(0.057)                |
| Benzene Bromodichloromethane                      | NR          | ND(0.0060)               | ND(0.0060)                | ND(0.0060)              | ND(0.0010)               | ND(0.0010)               | ND(0.0060)               |
| Bromoform   | NR<br>NR    | ND(0.0060)<br>ND(0.012)  | ND(0.0060)<br>ND(0.012)   | ND(0.0060)              | ND(0.0010)               | ND(0.0010)               | ND(0.0060)               |
| Bromomethane                                      | NR          | ND(0.0060)               | ND(0.0060)                | ND(0.012)<br>ND(0.0060) | ND(0.0010)<br>ND(0.0010) | ND(0.0010)<br>ND(0.0010) | ND(0.0060)<br>ND(0.0060) |
| Carbon Disulfide                                  | NR          | ND(0.0060)               | ND(0.0060)                | ND(0.0060)              | ND(0.0010)               | ND(0.0010)               | ND(0.0060)               |
| Carbon Tetrachloride                              | NR          | ND(0.0060)               | ND(0.0060)                | ND(0.0060)              | ND(0.0010)               | ND(0.0010)               | ND(0.0060)               |
| Chlorobenzene                                     | 150         | ND(0.0060)               | ND(0.0060)                | ND(0.0060)              | ND(0.0010)               | ND(0.0010)               | ND(0.0060)               |
| Chloroethane                                      | NR          | ND(0.012)                | ND(0.012)                 | ND(0.012)               | ND(0.0010)               | ND(0.0010)               | ND(0.0060)               |
| Chloroform  | NR          | ND(0.0060)               | ND(0.0060)                | ND(0.0060)              | ND(0.0010)               | ND(0.0010)               | ND(0.0060)               |
| Chloromethane                                     | NR NR       | ND(0.012)                | ND(0.012)                 | ND(0.012)               | ND(0.0010)               | ND(0.0010)               | ND(0.0060)               |
| cis-1,2-Dichloroethene<br>cis-1,3-Dichloropropene | NR<br>NR    | NA<br>ND(0.0000)         | NA NA                     | NA NA                   | NA NA                    | NA NA                    | ND(0.0060)               |
| cis-1,4-Dichloro-2-butene                         | NR<br>NR    | ND(0.0060)<br>ND(0.018)  | ND(0.0060)<br>ND(0.018)   | ND(0.0060)<br>ND(0.018) | ND(0.0010)<br>NA         | ND(0.0010)               | ND(0.0060)               |
| Crotonaldehyde                                    | NR          | ND(0.12)                 | ND(0.12)                  | ND(0.018)               | NA<br>NA                 | NA<br>NA                 | NA<br>NA                 |
| Dibromochloromethane                              | NR          | ND(0.0060)               | ND(0.0060)                | ND(0.0060)              | ND(0.0010)               | ND(0.0010)               | ND(0.0060)               |
| Dibromomethane                                    | NR          | ND(0.012)                | ND(0.012)                 | ND(0.012)               | ND(0.0010)               | ND(0.0010)               | ND(0.0060)               |
| Dichlorodifluoromethane                           | NR          | NA                       | NA                        | NA                      | ND(0.0010)               | ND(0.0010)               | ND(0.0060)               |
| Ethyl Methacrylate                                | NR          | ND(0.012)                | ND(0.012)                 | ND(0.012)               | ND(0.010)                | ND(0.010)                | ND(0.0060)               |
| Ethylbenzene                                      | 80          | ND(0.0060)               | ND(0.0060)                | ND(0.0060)              | ND(0.0010)               | ND(0.0010)               | ND(0.0060)               |
| lodomethane                                       | NR NR       | ND(0.012)                | ND(0.012)                 | ND(0.012)               | ND(0.010)                | ND(0.0010)               | ND(0.0060)               |
| Isobutanol map-Xylene                             | NR<br>NR    | NA<br>NA                 | NA NA                     | NA<br>NA                | ND(0.010)                | ND(0.010)                | ND(0.45)                 |
| Methacrylonitrile                                 | NR NR       | NA NA                    | NA<br>NA                  | NA NA                   | ND(0.0010)<br>ND(0.0010) | ND(0.0010)               | NA NA                    |
| Methyl Methacrylate                               | NR          | NA NA                    | NA NA                     | NA NA                   | ND(0.0010)               | ND(0.0010)<br>ND(0.010)  | ND(0.0060)<br>ND(0.0060) |
| Methylene Chloride                                | 35 B        | 0.048 B                  | 0.030 B                   | ND(0.052)               | ND(0.0010)               | ND(0.0010)               | ND(0.0060)               |
| Pentachloroethane                                 | NR          | NA                       | NA                        | NA                      | ND(0.0010)               | ND(0.0010)               | NA NA                    |
| Propionitrile                                     | NR          | NA                       | NA                        | NA                      | ND(0.010)                | ND(0.010)                | ND(0.045)                |
| Pyridine  | NR          | NA                       | NA                        | NA                      | ND(0.020)                | ND(0.020)                | NA                       |
| Styrene   | NR          | ND(0.0060)               | ND(0.0060)                | ND(0.0060)              | ND(0.0010)               | ND(0.0010)               | ND(0.0060)               |
| Tetrachioroethene                                 | NR NR       | ND(0.0060)               | ND(0.0060)                | ND(0.0060)              | ND(0.0010)               | ND(0.0010)               | ND(0.0060)               |
| Toluene<br>trans-1,2-Dichloroethene               | NR<br>NB    | ND(0.0060)               | ND(0.0060)                | ND(0.0060)              | ND(0.0010)               | ND(0.0010)               | ND(0.0060)               |
| trans-1,2-Dichloropropene                         | NR<br>NR    | NA<br>ND(0.0060)         | NA<br>ND(0.0060)          | NA<br>NDV0.0060V        | ND(0.0010)               | ND(0.0010)               | ND(0.0060)               |
| trans-1,3-Dichloro-2-butene                       | NR<br>NR    | ND(0.0060)<br>ND(0.018)  | ND(0.0060)  <br>ND(0.018) | ND(0.0060)<br>ND(0.018) | ND(0.0010)<br>ND(0.0010) | ND(0.0010)               | ND(0.0060)               |
| Trichloroethene                                   | NR          | ND(0.0060)               | ND(0.0060)                | ND(0.0080)              | ND(0.0010)               | ND(0.0010)<br>ND(0.0010) | ND(0.0060)               |
| Trichlorofluoromethane                            | NR          | ND(0.0060)               | ND(0.0060)                | ND(0.0060)              | ND(0.0010)               | ND(0.0010)               | ND(0.0060)<br>ND(0.0060) |
| Vinyl Acetate                                     | NR          | ND(0.012)                | ND(0.012)                 | ND(0.012)               | ND(0.010)                | ND(0.010)                | ND(0.0000)               |
|   |             |                          |                           |                         |                          |                          |                          |
| Vinyl Chloride                                    | NR<br>42    | ND(0.012)                | ND(0.012)                 | ND(0.012)               | ND(0.0010)               | ND(0.0010)               | ND(0.0060)               |

| Location ID:                                   | F-2<br>F-2 | GE-9<br>RNG090810    | GE-10<br>RNG101012   | GE-11<br>RNG111012   | GE-13<br>GE-13       | GE-14<br>GE-14       | J9-23-7<br>J9-23-7-4 |
|--|------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|
| Sample ID:<br>Sample Depth(Feet):              | 8-10       | 8-10                 | 10-12                | 10-12                | 0-0.5                | 0-0.5                | 2-4                  |
| Parameter Date Collected:                      | 11/14/91   | 12/12/91             | 12/11/91             | 12/12/91             | 06/14/95             | 06/14/95             | 11/20/96             |
| Semivolatile Organics                          |            |                      |                      |                      |                      |                      |                      |
| 1,2,3,4-Tetrachlorobenzene                     | NR         | ND(0.40)             | ND(0.39)             | ND(0.39)             | NA                   | NA                   | NA                   |
| 1,2,3,5-Tetrachlorobenzene                     | NR         | ND(0.40)             | ND(0.39)             | ND(0.39)             | NA                   | NA                   | NA                   |
| 1,2,3-Trichlorobenzene                         | 0.062 J    | ND(0.40)             | ND(0.39)             | ND(0.39)             | NA                   | NA                   | NA                   |
| 1,2,4,5-Tetrachlorobenzene                     | NR         | ND(0.40)             | ND(0.39)             | ND(0.39)             | ND(0.99)             | ND(0.99)             | ND(0.37)             |
| 1,2,4-Trichlorobenzene                         | 1.6        | ND(0.40)             | ND(0.39)             | ND(0.39)             | ND(0.33)             | ND(0.33)             | ND(0.37)             |
| 1,2-Dichlorobenzene                            | 0.28 J     | ND(0.40)             | ND(0.39)             | ND(0.39)             | ND(0.66)             | ND(0.66)             | ND(0.37)             |
| 1,2-Diphenylhydrazine                          | NR NR      | ND(0.40)             | ND(0.39)             | ND(0.39)             | ND(3.0)              | ND(3.0)<br>NA        | ND(0.37)<br>NA       |
| 1,3,5-Trichlorobenzene                         | NR<br>NR   | ND(0.40)<br>ND(0.40) | ND(0.39)<br>ND(0.39) | ND(0.39)<br>ND(0.77) | NA<br>ND(3.0)        | ND(3.0)              | ND(0.37)             |
| 1,3,5-Trinitrobenzene<br>1,3-Dichlorobenzene   | 2.9        | ND(0.40)             | ND(0.39)             | ND(0.39)             | ND(0.66)             | ND(0.66)             | ND(0.37)             |
| 1,3-Dinitrobenzene                             | NR         | NA NA                | NA NA                | NA NA                | ND(0.99)             | ND(0.99)             | ND(0.37)             |
| 1,4-Dichlorobenzene                            | 12 E       | ND(0.40)             | ND(0.39)             | ND(0.39)             | ND(0.66)             | ND(0.66)             | ND(0.37)             |
| 1,4-Dinitrobenzene                             | NR         | ND(0.79)             | ND(0.78)             | ND(0.77)             | NA                   | NA                   | NA                   |
| 1,4-Naphthoquinone                             | NR         | ND(0.79)             | ND(0.78)             | ND(0.77)             | ND(2.3)              | ND(2.3)              | ND(0.37)             |
| 1-Chloronaphthalene                            | NR         | ND(0.40)             | ND(0.39)             | ND(0.39)             | NA                   | NA NA                | NA NA                |
| 1-Methylnaphthalene                            | NR         | ND(0.40)             | ND(0.39)             | ND(0.39)             | NA<br>NA             | NA<br>ND(0.3)        | NA<br>NA             |
| 1-Naphthylamine                                | NR         | ND(0.79)             | ND(0.78)             | ND(0.77)             | ND(2.3)              | ND(2.3)              | ND(0.37)<br>ND(0.37) |
| 2,3,4,6-Tetrachlorophenol                      | NR NO      | ND(0.79)             | ND(0.78)             | ND(0.77)             | ND(2.3)<br>ND(1.7)   | ND(2.3)<br>ND(1.7)   | ND(0.37)<br>ND(0.91) |
| 2,4,5-Trichlorophenol<br>2,4,6-Trichlorophenol | NR<br>NR   | ND(0.79)<br>ND(0.79) | ND(0.78)<br>ND(0.78) | ND(0.77)<br>ND(0.77) | ND(1.7)<br>ND(1.7)   | ND(1.7)              | ND(0.91)<br>ND(0.37) |
| 2,4-0ichlorophenol                             | NR NR      | ND(0.40)             | ND(0.78)             | ND(0.39)             | ND(0.99)             | ND(0.99)             | ND(0.37)             |
| 2,4-Dimethylphenol                             | NR         | ND(0.40)             | ND(0.39)             | ND(0.39)             | ND(2.3)              | ND(2.3)              | ND(0.37)             |
| 2,4-Dinitrophenol                              | NR         | ND(1.6)              | ND(0.39)             | ND(1.5)              | ND(5.0)              | ND(5.0)              | ND(0.91)             |
| 2,4-Dinitrotoluene                             | NR         | ND(0.40)             | ND(0.39)             | ND(0.39)             | ND(0.99)             | ND(0.99)             | ND(0.37)             |
| 2,6-Dichlorophenol                             | NR         | ND(0.79)             | ND(0.78)             | ND(0.77)             | ND(1.7)              | ND(1.7)              | ND(0.37)             |
| 2,6-Dinitrotoluene                             | NR         | ND(0.40)             | ND(0.78)             | ND(0.39)             | ND(0.66)             | ND(0.66)             | ND(0.37)             |
| 2-Acetylaminofluorene                          | NR         | ND(0.40)             | ND(0.39)             | ND(0.39)             | ND(0.66)             | ND(0.66)             | ND(0.75)             |
| 2-Chloronaphthalene                            | NR         | ND(0.40)             | ND(0.39)             | ND(0.39)             | ND(0.66)             | ND(0.66)             | ND(0.37)             |
| 2-Chlorophenol                                 | NR         | ND(0.40)             | ND(0.39)             | ND(0.39)             | ND(0.66)             | ND(0.66)             | ND(0.37)             |
| 2-Methylnaphthalene                            | NR<br>NR   | ND(0.40)             | ND(0.39)<br>ND(0.39) | ND(0.39)<br>ND(0.39) | ND(0.66)<br>ND(0.66) | ND(0.66)<br>ND(0.66) | ND(0.37)<br>ND(0.37) |
| 2-Methylphenol<br>2-Naphthylamine              | NR<br>NR   | ND(0.40)<br>ND(0.79) | ND(0.39)<br>ND(0.78) | ND(0.39)             | ND(1.3)              | ND(1.3)              | ND(0.37)             |
| 2-Napritryjamine<br>2-Nitroaniline             | NR         | ND(0.40)             | ND(0.39)             | ND(0.39)             | ND(2.0)              | ND(2.0)              | ND(0.91)             |
| 2-Nitrophenol                                  | NR         | ND(0.40)             | ND(0.39)             | ND(0.39)             | ND(0.33)             | ND(0.33)             | ND(0.37)             |
| 2-Phenylenediamine                             | NR         | ND(0.40)             | ND(0.39)             | ND(0.39)             | NA                   | NA                   | NA                   |
| 2-Picoline                                     | NR         | ND(0.79)             | ND(0.78)             | ND(0.77)             | ND(3.0)              | ND(3.0)              | ND(0.75)             |
| 3&4-Methylphenol                               | NR         | ND(0.40)             | ND(0.39)             | ND(0.39)             | NA                   | NA                   | ND(0.37)             |
| 3,3'-Dichlorobenzidine                         | NR         | ND(0.40)             | ND(0.39)             | ND(0.39)             | ND(0.66)             | ND(0.66)             | ND(0.75)             |
| 3,3'-Dimethoxybenzidine                        | NR         | ND(0.40)             | ND(0.39)             | ND(0.39)             | NA<br>NA             | NA<br>NA             | NA NA                |
| 3,3'-Dimethylbenzidine                         | NR         | ND(0.79)             | ND(0.78)             | ND(0.77)<br>ND(0.39) | ND(6.6)<br>ND(0.33)  | ND(0.66)<br>ND(0.33) | ND(0.75)<br>ND(0.37) |
| 3-Methylcholanthrene                           | NR<br>NR   | ND(0.40)<br>NA       | ND(0.39)<br>NA       | ND(0.39)             | ND(0.33)<br>ND(0.66) | ND(0.55)             | NA NA                |
| 3-Methylphenol 3-Nitroaniline                  | NR         | ND(0.79)             | ND(0.39)             | ND(0.77)             | ND(0.66)             | ND(0.66)             | ND(0.91)             |
| 3-Phenylenediamine                             | NR         | ND(0.40)             | ND(0.39)             | ND(0.39)             | NA NA                | NA                   | NA NA                |
| 4,4'-Methylene-bis(2-chloroaniline)            | NR         | ND(0.40)             | ND(0.39)             | ND(0.39)             | NA                   | NA                   | NA                   |
| 4,6-Dinitro-2-methylphenol                     | NR         | ND(1.2)              | ND(1.2)              | ND(1.2)              | ND(3.0)              | ND(3.0)              | ND(0.91)             |
| 4-Aminobiphenyl                                | NR         | ND(0.40)             | ND(0.39)             | ND(0.39)             | ND(0.66)             | ND(0.66)             | ND(0.75)             |
| 4-Bromophenyl-phenylether                      | NR         | ND(0.40)             | ND(0.39)             | ND(0.39)             | ND(0.99)             | ND(0.99)             | ND(0.37)             |
| 4-Chloro-3-Methylphenol                        | NR         | ND(0.40)             | ND(0.39)             | ND(0.39)             | ND(1.3)              | ND(1.3)              | ND(0.37)             |
| 4-Chloroaniline                                | NR<br>NB   | ND(0.40)             | ND(0.39)             | ND(0.39)             | ND(1.3)              | ND(1.3)              | ND(0.37)             |
| 4-Chlorobenzilate                              | NR<br>ND   | ND(0.40)             | ND(0.39)             | ND(0.39)<br>ND(0.39) | ND(0.66)<br>ND(0.66) | ND(0.66)<br>ND(0.66) | ND(0.75)<br>ND(0.37) |
| 4-Chlorophenyl-phenylether 4-Methylphenol      | NR<br>NR   | ND(0,40)<br>NA       | ND(0.39)<br>NA       | NA                   | ND(0.66)             | ND(0.66)             | ND(U.37)             |
| 4-Nitroaniline                                 | NR         | ND(0.79)             | ND(0.78)             | ND(0.77)             | ND(2.0)              | ND(2.0)              | ND(0.91)             |
| 4-Nitrophenol                                  | NR NR      | ND(0.40)             | ND(0.39)             | ND(0.39)             | ND(3.0)              | ND(3.0)              | ND(0.91)             |
| 4-Nitroquinoline-1-oxide                       | NR         | NA NA                | NA NA                | NA NA                | ND(5.0)              | ND(5.0)              | ND(0.37)             |
| 4-Phenylenediamine                             | NR         | ND(0.40)             | ND(0.39)             | ND(0.39)             | ND(0.99)             | ND(0.99)             | ND(0.75)             |
| 5-Nitro-o-toluidine                            | NR         | ND(0.79)             | ND(0.78)             | ND(0.77)             | ND(2.0)              | ND(2.0)              | ND(0.37)             |
| 7,12-Dimethylbenz(a)anthracene                 | NR         | ND(0.40)             | ND(0.39)             | ND(0.39)             | ND(0.66)             | ND(0.66)             | ND(0.75)             |
| a,a'-Dimethylphenethylamine                    | NR         | ND(0.40)             | ND(0.39)             | ND(0.39)             | ND(2.3)              | ND(2.3)              | ND(0.37)             |
| Acenaphthene                                   | 0.35 J     | ND(0.40)             | ND(1.5)              | ND(0.39)             | ND(0.66)             | ND(0.66)             | ND(0.37)             |
| Acenaphthylene                                 | NR         | ND(0.40)             | ND(0.39)             | ND(0.39)             | ND(0.66)             | 1.2                  | ND(0.37)             |
| Acetophenone                                   | NR         | ND(0.40)             | ND(0.39)             | ND(0.39)             | ND(1.3)              | ND(1.3)              | ND(0.37)             |

### PRE-DESIGN INVESTIGATION REPORT FOR THE NEWELL STREET AREA II REMOVAL ACTION GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

| Location ID:<br>Sample ID:                    | F-2<br>F-2       | GE-9<br>RNG090810    | GE-10<br>RNG101012   | GE-11<br>RNG111012   | GE-13<br>GE-13       | GE-14<br>GE-14       | J9-23-7<br>J9-23-7-4 |
|---|------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|
| Sample Depth(Feet):                           | 8-10             | 8-10                 | 10-12                | 10-12                | 0-0.5                | 0-0.5                | 2-4                  |
| Parameter Date Collected:                     | 11/14/91         | 12/12/91             | 12/11/91             | 12/12/91             | 06/14/95             | 06/14/95             | 11/20/96             |
| Semivolatile Organics(continued)              |                  |                      |                      |                      |                      |                      |                      |
| Aniline                                       | 0.26 J           | ND(0.40)             | ND(0.39)             | ND(0.39)             | 1.2                  | 3.7                  | ND(0.37)             |
| Anthracene                                    | 0.27 J           | ND(0.40)             | ND(0.39)             | ND(0.39)             | ND(0.66)             | ND(0.66)             | ND(0.37)             |
| Aramite Benzal chloride                       | NR<br>NR         | NA<br>ND(0.40)       | NA NA                | NA<br>ND(0.00)       | ND(1.3)              | ND(1.3)              | ND(0.75)             |
| Benzidine                                     | NR<br>NR         | ND(0.40)<br>ND(0.40) | ND(0.39)<br>ND(0.39) | ND(0.39)<br>ND(0.39) | NA<br>ND(3.3)        | NA<br>ND(3.3)        | NA<br>ND(0.37)       |
| Benzo(a)anthracene                            | 0.62             | ND(0.40)             | ND(0.39)             | ND(0.39)             | ND(0.66)             | 0.81                 | ND(0.37)             |
| Benzo(a)pyrene                                | 0.53             | ND(0.40)             | ND(0.39)             | ND(0.39)             | ND(0.66)             | 1.3                  | ND(0.37)             |
| Benzo(b)fluoranthene                          | 1.2 Z            | ND(0.40)             | ND(0.39)             | 0.060 JZ             | ND(0.66)             | 1.5                  | ND(0.37)             |
| Benzo(g,h,i)perylene                          | 0.38             | ND(0.40)             | ND(0.39)             | ND(0.39)             | ND(0.66)             | ND(0.66)             | ND(0.37)             |
| Benzo(k)fluoranthene                          | 1.2 Z            | ND(0.40)             | ND(0.39)             | 0.060 JZ             | ND(0.66)             | ND(0.66)             | ND(0.37)             |
| Benzoic Acid                                  | NR               | ND(4.0)              | ND(3.9)              | ND(3.9)              | NA                   | .NA                  | NA                   |
| Benzotrichloride                              | NR NR            | ND(0.79)             | ND(0.78)             | ND(0.77)             | NA NA                | NA NA                | NA                   |
| Benzyl Alcohol Benzyl Chloride                | NR<br>NR         | ND(0.40)             | ND(0.39)             | ND(0.39)             | ND(1.3)              | ND(1.3)              | ND(0.37)             |
| bis(2-Chloroethoxy)methane                    | NR<br>NR         | ND(0.40)<br>ND(0.40) | ND(0.39)<br>ND(0.39) | ND(0.39)<br>ND(0.39) | NA<br>ND(0.66)       | NA<br>ND(0.66)       | NA<br>ND(0.37)       |
| bis(2-Chloroethyl)ether                       | NR NR            | ND(0.79)             | ND(0.39)<br>ND(0.78) | ND(0.39)<br>ND(0.77) | ND(0.66)             | ND(0.66)             | ND(0.37)             |
| bis(2-Chloroisopropyl)ether                   | NR NR            | ND(0.40)             | ND(0.78)             | ND(0.77)             | ND(0.66)             | ND(0.66)             | ND(0.37)             |
| bis(2-Ethylhexyl)phthalate                    | NR               | 0.045 J              | 0.34 J               | 0.26 J               | ND(1.7)              | ND(1.7)              | 0.59                 |
| Butylbenzylphthalate                          | NR               | ND(0.40)             | ND(0.39)             | ND(0.39)             | ND(0.66)             | ND(0.66)             | ND(0.37)             |
| Chrysene                                      | 1.4              | ND(0.40)             | ND(0.39)             | 0.050 J              | ND(0.66)             | 0.93                 | ND(0.37)             |
| Cyclophosphamide                              | NR               | ND(1.9)              | ND(1.9)              | ND(1.9)              | NA                   | NA                   | NA                   |
| Diallate                                      | NR               | ND(0.40)             | ND(0.39)             | ND(0.39)             | ND(1.3)              | ND(1.3)              | ND(0.37)             |
| Dibenz(a,j)acridine                           | NR               | ND(0.40)             | ND(0.39)             | ND(0.39)             | NA NA                | NA NA                | NA NA                |
| Dibenzo(a,h)anthracene Dibenzofuran           | 0.11 J<br>0.28 J | ND(0.40)<br>ND(0.40) | ND(0.39)<br>ND(0.39) | ND(0.39)<br>ND(0.39) | ND(0.66)             | ND(0.66)             | , ND(0.37)           |
| Diethylphthaiate                              | 0.33 J           | ND(0.40)             | ND(0.39)             | ND(0.39)             | ND(0.66)<br>ND(0.99) | ND(0.66)<br>ND(0.99) | ND(0.37)<br>ND(0.37) |
| Dimethylphthalate                             | NR               | ND(0.40)             | ND(0.39)             | ND(0.39)             | ND(0.66)             | ND(0.66)             | ND(0.37)             |
| Di-n-Butylphthalate                           | 0.36 J           | ND(0.40)             | ND(0.39)             | ND(0.39)             | ND(0.99)             | ND(0.99)             | ND(0.37)             |
| Di-n-Octylphthalate                           | NR               | ND(0.40)             | ND(0.39)             | ND(0.39)             | ND(1.3)              | ND(1.3)              | ND(0.37)             |
| Dinoseb                                       | NR               | NA                   | NA                   | NA                   | NA                   | NA                   | ND(0.37)             |
| Diphenylamine                                 | NR               | ND(0.79)             | ND(0.78)             | ND(0.39)             | ND(2.0)              | ND(2.0)              | ND(0.37)             |
| Ethyl Methanesulfonate                        | NR               | ND(0.40)             | ND(0.39)             | ND(0.39)             | ND(1.3)              | ND(1.3)              | ND(0.37)             |
| Fluoranthene<br>Fluorene                      | 1.1              | ND(0.40)             | ND(0.39)             | 0.056 J              | ND(1.3)              | ND(1.3)              | ND(0.37)             |
| Hexachlorobenzene                             | 0.30 J<br>NR     | ND(0.40)<br>ND(0.40) | ND(0.39)<br>ND(0.39) | ND(0.39)<br>ND(0.39) | ND(0.66)             | ND(0.66)             | ND(0.37)             |
| Hexachlorobutadiene                           | NR               | ND(0.40)             | ND(0.39)             | ND(0.39)             | ND(0.99)<br>ND(0.33) | ND(0.99)<br>ND(0.33) | ND(0.37)<br>ND(0.37) |
| Hexachlorocyclopentadiene                     | NR NR            | ND(0.40)             | ND(0.39)             | ND(0.39)             | ND(1.7)              | ND(1.7)              | ND(0.37)             |
| Hexachloroethane                              | NR               | ND(0.40)             | ND(0.39)             | ND(0.39)             | ND(0.66)             | ND(0.66)             | ND(0.37)             |
| Hexachlorophene                               | NR               | NA                   | NA NA                | NA                   | ND(1.3)              | ND(1.3)              | ND(1.9)              |
| Hexachloropropene                             | NR               | ND(0.40)             | ND(0.39)             | ND(0.39)             | ND(1.7)              | ND(1.7)              | ND(0.37)             |
| Indeno(1,2,3-cd)pyrene                        | 0.32 J           | ND(0.40)             | ND(0.39)             | ND(0.39)             | ND(0.66)             | ND(0.66)             | ND(0.37)             |
| Isodrin                                       | NR               | NA NA                | NA NA                | NA NA                | ND(0.99)             | ND(0.99)             | NA                   |
| Isophorone<br>Isosafrole                      | NR<br>NR         | ND(0.40)<br>ND(0.79) | ND(0.39)<br>ND(0.78) | ND(0.39)             | ND(0.66)<br>ND(0.66) | ND(0.66)<br>ND(0.66) | ND(0.37)             |
| Methapyrilene                                 | NR               | ND(0.79)             | ND(0.78)             | ND(0.77)<br>ND(0.77) | ND(0.66)<br>ND(2.0)  | ND(0.66)<br>ND(2.0)  | ND(0.37)<br>ND(0.37) |
| Methyl Methanesulfonate                       | NR NR            | ND(0.40)             | ND(0.78)             | ND(0.77)             | ND(1.3)              | ND(2.0)<br>ND(1.3)   | ND(0.37)<br>ND(0.37) |
| Naphthalene                                   | 0.10 J           | ND(0.40)             | ND(0.39)             | ND(0.39)             | ND(0.33)             | 0.36                 | ND(0.37)             |
| Nitrobenzene                                  | NR               | ND(0.40)             | ND(0.39)             | ND(0.39)             | ND(1.3)              | ND(1.3)              | ND(0.37)             |
| N-Nitrosodiethylamine                         | NR               | ND(0.40)             | ND(0.39)             | ND(0.39)             | ND(0.99)             | ND(0.99)             | ND(0.37)             |
| N-Nitrosodimethylamine                        | NR               | ND(0.40)             | ND(0.39)             | ND(0.39)             | ND(0.99)             | ND(0.99)             | ND(0.37)             |
| N-Nitroso-di-n-butylamine                     | NR NR            | ND(0.40)             | ND(0.39)             | ND(0.39)             | ND(0.66)             | ND(0.66)             | ND(0.37)             |
| N-Nitroso-di-n-propylamine                    | NR<br>NB         | ND(0.40)             | ND(0.39)             | ND(0.39)             | ND(1.3)              | ND(1.3)              | ND(0.37)             |
| N-Nitrosodiphenylamine                        | NR<br>NR         | ND(0.40)             | ND(0.39)             | ND(0.39)             | ND(2.0)              | ND(2.0)              | ND(0.37)             |
| N-Nitrosomethylethylamine N-Nitrosomorpholine | NR<br>NR         | ND(0.40)<br>ND(0.40) | ND(0.39)<br>ND(0.39) | ND(0.39)<br>ND(0.39) | ND(0.99)             | ND(0.99)             | ND(0.37)             |
| N-Nitrosopiperidine                           | NR               | ND(0.40)             | ND(0.39)<br>ND(0.39) | ND(0.39)             | ND(0.66)<br>ND(0.66) | ND(0.66)<br>ND(0.66) | ND(0.37)<br>ND(0.37) |
| N-Nitrosopyrrolidine                          | NR               | ND(0.40)             | ND(0.39)             | ND(0.39)             | ND(0.99)             | ND(0.99)             | ND(0.37)<br>ND(0.37) |
| o,o,o-Triethylphosphorothioate                | NR               | NA NA                | NA NA                | NA NA                | ND(7.3)              | ND(7.3)              | NA NA                |
| o-Toluidine                                   | NR               | ND(0.40)             | ND(0.39)             | ND(0.39)             | ND(1.7)              | ND(1.7)              | ND(0.37)             |
| Paraldehyde                                   | NR               | ND(0.40)             | ND(0.39)             | ND(0.39)             | NA                   | NA NA                | NA NA                |
| p-Dimethylaminoazobenzene                     | NR               | ND(0.40)             | ND(0.39)             | ND(0.39)             | ND(0.66)             | ND(0.66)             | ND(0.37)             |
| Pentachlorobenzene                            | NR               | ND(0.40)             | ND(0.78)             | ND(0.39)             | ND(0.66)             | ND(0.66)             | ND(0.37)             |
| Pentachloroethane                             | NR               | ND(0.40)             | ND(0.39)             | ND(0.39)             | NA                   | NA                   | ND(0.37)             |
| Pentachloronitrobenzene                       | NR               | ND(0.40)             | ND(0.39)             | ND(0.39)             | ND(0.99)             | ND(0.99)             | ND(0.37)             |

| Location ID:<br>Sample ID:<br>Sample Depth(Feet): | F-2<br>F-2<br>8-10 | GE-9<br>RNG090810<br>8-10 | GE-10<br>RNG101012<br>10-12 | GE-11<br>RNG111012<br>10-12 | GE-13<br>GE-13<br>0-0.5 | GE-14<br>GE-14<br>0-0.5 | J9-23-7<br>J9-23-7-4<br>2-4 |
|---|--------------------|---------------------------|-----------------------------|-----------------------------|-------------------------|-------------------------|-----------------------------|
| Parameter Date Collected:                         | 11/14/91           | 12/12/91                  | 12/11/91                    | 12/12/91                    | 06/14/95                | 06/14/95                | 11/20/96                    |
| Semivolatile Organics(continued)                  |                    | 1 1.5.25.551              | 1 110/0 701                 | 1000                        | LIDIO OL                | ND(2.6)                 | L NEW OA                    |
| Pentachlorophenol                                 | NR                 | ND(0.79)                  | ND(0.78)                    | ND(0.77)                    | ND(3.6)                 | ND(3.6)                 | ND(0.91)<br>ND(0.75)        |
| Phenacetin  | NR                 | ND(0.40)                  | ND(0.39)                    | ND(0.39)                    | ND(1.3)                 | ND(1.3)<br>ND(0.99)     | <del></del>                 |
| Phenanthrene                                      | 1.7<br>NR          | ND(0.40)                  | ND(0.39)                    | 0.040 J<br>ND(0.39)         | ND(0.99)<br>ND(0.99)    | ND(0.99)<br>ND(0.99)    | ND(0.37)<br>ND(0.37)        |
| Phenol  | NR<br>NR           | ND(0.40)<br>ND(0.40)      | ND(0.39)<br>ND(0.39)        | ND(0.39)                    | ND(0.99)                | ND(0.99)                | ND(0.37)                    |
| Pronamide Pyrene                                  | 0.97               | ND(0.40)                  | 0.044 J                     | 0.078 J                     | ND(0.66)                | ND(0.66)                | 0.43                        |
| Pyridine  | NR                 | ND(0.40)                  | ND(0.39)                    | ND(0.39)                    | NA NA                   | NA NA                   | ND(0.37)                    |
| Safrole   | NR                 | ND(0.40)                  | ND(0.39)                    | ND(0.39)                    | ND(0.33)                | ND(0.33)                | ND(0.37)                    |
| Thionazin   | NR                 | ND(0.40)                  | ND(0.39)                    | ND(0.39)                    | ND(3.0)                 | ND(3.0)                 | NA NA                       |
| Organochlorine Pesticides                         |                    | 1                         | 1 110 (0100) 1              | (5.55)                      |                         |                         |                             |
| 4.4'-DDD  | NR                 | NA NA                     | NA I                        | NA                          | NA                      | NA                      | NA NA                       |
| 4.4'-DDE  | NR                 | NA NA                     | NA I                        | NA NA                       | NA NA                   | NA NA                   | NA NA                       |
| 4,4'-DDT  | NR                 | NA NA                     | NA NA                       | NA                          | NA NA                   | NA                      | NA                          |
| Aldrin  | NR                 | NA NA                     | NA NA                       | NA                          | NA                      | NA                      | NA                          |
| Alpha-BHC   | NR                 | NA                        | NA NA                       | NA                          | NA NA                   | NA                      | NA                          |
| Beta-BHC  | NR                 | NA                        | NA                          | NA                          | NA                      | NA                      | NA                          |
| Delta-BHC   | NR                 | NA                        | NA                          | NA                          | NA                      | NA                      | NA                          |
| Dieldrin  | NR                 | NA                        | NA                          | NA                          | NA                      | NA                      | NA                          |
| Endosulfan I                                      | NR                 | NA                        | NA                          | NA                          | NA                      | NA                      | NA                          |
| Endosulfan II                                     | NR                 | NA                        | NA                          | NA                          | NA .                    | NA                      | NA                          |
| Endosulfan Sulfate                                | NR                 | NA                        | NA                          | NA                          | NA                      | NA                      | NA                          |
| Endrin  | NR                 | NA                        | NA NA                       | NA                          | NA                      | NA                      | NA                          |
| Endrin Aldehyde                                   | NR                 | NA                        | NA                          | NA                          | NA NA                   | NA                      | NA                          |
| Gamma-BHC (Lindane)                               | NR                 | NA                        | NA                          | NA                          | NA                      | NA                      | NA NA                       |
| Heptachlor  | NR                 | NA                        | NA                          | NA                          | NA NA                   | NA .                    | NA                          |
| Heptachior Epoxide                                | NR                 | NA                        | NA                          | NA                          | NA                      | NA NA                   | NA NA                       |
| Kepone  | NR                 | NA                        | NA                          | NA                          | NA NA                   | NA NA                   | NA NA                       |
| Methoxychlor                                      | NR.                | NA NA                     | NA NA                       | NA NA                       | NA NA                   | NA                      | NA NA                       |
| Technical Chiordane                               | NR NR              | NA                        | NA NA                       | NA NA                       | NA NA                   | NA NA                   | · NA                        |
| Toxaphene   | NR                 | NA                        | NA                          | NA                          | NA NA                   | NA                      | NA NA                       |
| Organophosphate Pesticides                        |                    | T                         | 1 11212 221                 | 110/2 22                    |                         |                         | T                           |
| Dimethoate  | NR NR              | ND(0.40)                  | ND(0.39)                    | ND(0.39)                    | NA NA                   | NA<br>NA                | NA<br>NA                    |
| Disulfoton  | NR                 | NA NA                     | NA<br>NA                    | NA NA                       | NA NA                   | NA<br>NA                | NA<br>NA                    |
| Ethyl Parathion                                   | NR<br>NR           | NA<br>NA                  | NA<br>NA                    | NA<br>NA                    | NA<br>NA                | NA<br>NA                | NA<br>NA                    |
| Famphur Methyl Parathion                          | NR<br>NR           | NA<br>NA                  | NA<br>NA                    | NA NA                       | NA<br>NA                | NA<br>NA                | NA NA                       |
| Phorate   | NR NR              | NA NA                     | NA NA                       | NA NA                       | NA NA                   | NA NA                   | NA NA                       |
| Sulfotep  | NR NR              | NA NA                     | NA NA                       | NA NA                       | NA NA                   | NA NA                   | NA NA                       |
| Herbicides  | 1,11,1             | 1                         | 11                          | , , , ,                     | 100                     | L                       |                             |
| 2,4,5-T   | NR                 | NA NA                     | NA I                        | NA                          | NA                      | NA NA                   | I NA                        |
| 2,4,5-TP  | NR                 | NA NA                     | NA NA                       | NA NA                       | NA NA                   | NA NA                   | NA NA                       |
| 2,4-D   | NR                 | NA NA                     | NA NA                       | NA                          | NA NA                   | NA NA                   | NA                          |
| Dinoseb   | NR                 | NA NA                     | NA NA                       | NA                          | NA.                     | NA                      | NA NA                       |
| Furans  | <del></del>        |                           |                             |                             |                         | <u> </u>                | ·                           |
| 2,3,7,8-TCDF                                      | 0.0027             | Rejected                  | Rejected                    | 0.00013                     | 0.00010                 | 0.00079                 | 0.0000054 Y                 |
| TCDFs (total)                                     | 0.012              | Rejected                  | Rejected                    | 0.00072                     | 0.00098                 | 0.0070                  | 0.000042                    |
| 1,2,3,7,8-PeCDF                                   | 0.0135             | NA                        | NA                          | NA                          | 0.000054                | 0.00049                 | ND(0.0000013)               |
| 2,3,4,7,8-PeCDF                                   | NR                 | NA                        | NA                          | NA                          | 0.00011                 | 0.00094                 | ND(0.0000017)               |
| PeCDFs (total)                                    | NR                 | Rejected                  | Rejected                    | 0.00078                     | 0.0022                  | 0.010                   | 0.0000089                   |
| 1,2,3,4,7,8-HxCDF                                 | NR                 | NA NA                     | NA                          | NA                          | 0.00012                 | 0.0017                  | ND(0.0000025)               |
| 1,2,3,6,7,8-HxCDF                                 | NR                 | NA NA                     | NA NA                       | NA                          | 0.00019                 | 0.0016                  | ND(0.00000088)              |
| 1,2,3,7,8,9-HxCDF                                 | NR                 | NA                        | NA                          | NA                          | 0.000016                | 0.00011                 | ND(0.00000032)              |
| 2,3,4,6,7,8-HxCDF                                 | NR                 | NA                        | NA                          | NA                          | 0.00015                 | 0.00062                 | ND(0.0000016)               |
| HxCDFs (total)                                    | 0.0106             | Rejected                  | Rejected                    | 0.00078                     | 0.0026                  | 0.011                   | ND(0.0000053)               |
| 1,2,3,4,6,7,8-HpCDF                               | NR                 | NA NA                     | NA NA                       | NA                          | 0.00024                 | 0.0019                  | ND(0.0000030)               |
| 1,2,3,4,7,8,9-HpCDF                               | NR                 | NA                        | NA NA                       | NA                          | 0.000040                | 0.00049                 | ND(0.00000052)              |
| HpCDFs (total)                                    | 0.0045             | Rejected                  | Rejected                    | 0.00033                     | 0.00078                 | 0.0040                  | ND(0.0000030)               |
| OCDF  | 0.0022             | Rejected                  | Rejected                    | 0.00019                     | 0.00013                 | 0.0014                  | ND(0.0000044)               |

| Location ID:              | F-2          | GE-9        | GE-10       | GE-11          | GE-13         | GE-14         | J9-23-7       |
|---------------------------|--------------|-------------|-------------|----------------|---------------|---------------|---------------|
| Sample ID:                | F-2          | RNG090810   | RNG101012   | RNG111012      | GE-13         | GE-14         | J9-23-7-4     |
| Sample Depth(Feet):       | 8-10         | 8-10        | 10-12       | 10-12          | 0-0.5         | 0-0.5         | 2-4           |
| Parameter Date Collected: | 11/14/91     | 12/12/91    | 12/11/91    | 12/12/91       | 06/14/95      | 06/14/95      | 11/20/96      |
| Dioxins                   |              |             |             | ····           |               |               |               |
| 2,3,7,8-TCDD              | NR           | Rejected    | Rejected    | ND(0.000012)   | ND(0.0000014) | ND(0.0000093) | ND(0.00000028 |
| TCDDs (total)             | NR           | Rejected    | Rejected    | ND(0.000012)   | ND(0.0000014) | 0.000047      | ND(0.00000068 |
| 1,2,3,7,8-PeCDD           | NR           | NA NA       | NA          | NA.            | ND(0.000010)  | ND(0.000028)  | ND(0.00000031 |
| PeCDDs (total)            | 0.00032      | Rejected    | Rejected    | ND(0.000018)   | ND(0.000010)  | ND(0.000065)  | ND(0.00000031 |
| 1,2,3,4,7,8-HxCDD         | NR           | NA NA       | NA          | NA             | ND(0.000013)  | 0.000014      | ND(0.00000084 |
| 1,2,3,6,7,8-HxCDD         | NR           | NA          | NA          | NA             | ND(0.000011)  | 0.000031      | ND(0.00000072 |
| 1,2,3,7,8,9-HxCDD         | NR           | NA          | NA          | NA             | ND(0.000011)  | 0.000023      | ND(0.00000077 |
| HxCDDs (total)            | 0.00070      | Rejected    | Rejected    | ND(0.000084) X | 0.000044      | 0.00038       | ND(0.00000084 |
| 1,2,3,4,6,7,8-HpCDD       | NR           | NA          | NA          | NA NA          | 0.000033      | 0.00024       | ND(0.0000018  |
| HpCDDs (total)            | 0.00068      | Rejected    | Rejected    | ND(0.000079) X | 0.000069      | 0.00046       | ND(0.0000018  |
| OCDD                      | 0.00097      | Rejected    | Rejected    | 0.000065       | 0.00012       | 0.00064       | 0.000012 J    |
| Total TEQs (WHO TEFs)     | NC           | NC          | NC          | NC             | 0.00013       | 0.0010        | 0.0000017     |
| Inorganics                |              |             |             |                |               |               |               |
| Aluminum                  | 5730         | 12400 *     | 13500 *     | 7470 *         | NA            | NA            | NA            |
| Antimony                  | NR           | ND(8.70) N  | ND(8.20) N  | 11.1 BN        | 0.986         | 2.12          | ND(1.50)      |
| Arsenic                   | 7.00 W       | 37.4 A      | 4.90        | 4.50           | 5.24          | 5.46          | 4.90          |
| Barium                    | 78.5 N*      | 37.5 B      | 20.6 B      | 22.0 B         | 38.9          | 75.4          | 17.2 B        |
| Beryllium                 | 0.230 B      | ND(0.240)   | ND(0.230)   | ND(0.230)      | 0.237         | 0.273         | 0.240 B       |
| Cadmium                   | 1.50 N       | ND(1.20)    | ND(1.10)    | ND(1.10)       | 1.61          | 3.05          | ND(0.240)     |
| Calcium                   | 35800 E*     | 1680 E      | 7070 E      | 639 BE         | NA            | NA            | NA            |
| Chromium                  | 54.5 EN*     | 13.0        | 15.2        | 9.00           | 11.5          | 24.0          | 10.0          |
| Cobalt                    | 8.00 *       | 14.4        | 15.2        | 10.9 B         | 9.33          | 9.95          | 8.20          |
| Copper                    | 349 *        | 22.7 N      | 39.1 N      | 45.5 N         | 52.7          | 420           | 11.5:         |
| Cyanide                   | NR           | ND(0.500)   | ND(0.600)   | ND(0.500)      | ND(4.00)      | ND(4.00)      | ND(2.80)      |
| Iron                      | 19400 E*     | 32500 *     | 30600 *     | 18000 *        | NA            | NA            | NA .          |
| Lead                      | 681 E        | 8.90 *      | 65.4 *      | 22.5 A*        | 62.3          | 467           | 15.7          |
| Magnesium                 | 18700        | 5050        | 8790        | 3200           | NA            | NA            | NA NA         |
| Manganese                 | 474 E*       | -1070 N*    | 747 N*      | 299 N*         | NA            | NA NA         | NA            |
| Mercury                   | 0.540 N      | ND(0.120)   | ND(0.110)   | ND(0.110)      | ND(0.167)     | ND(0.167)     | 0.0800 B      |
| Nickel                    | 26.4 N*      | 23.9        | 26.1        | 15.6           | 16.5          | 18.8          | 15.5          |
| Potassium                 | 577          | 286 B       | 318 B       | 364 B          | NA            | NA            | NA.           |
| Selenium                  | NR           | ND(0.970)   | ND(0.930)   | ND(0.920) W    | 0.956         | 0.899         | 0.820         |
| Silver                    | NR           | ND(1.50) N  | ND(1.40) N  | ND(1.40) N     | ND(0.0430)    | ND(0.0430)    | ND(0.390)     |
| Sodium                    | 102 B        | 108 B       | 119 B       | 118 B          | NA            | NA            | NA            |
| Sulfide                   | <b>47</b> .0 | ND(12.2)    | NA          | ND(11.8)       | ND(200)       | ND(200)       | ND(228)       |
| Thallium                  | NR           | ND(0.730) W | ND(0.700) W |                | ND(0.136)     | ND(0.136)     | ND(0.520)     |
| Tin                       | NR           | NA          | NA          | NA             | 14.2          | 40.8          | ND(1.50)      |
| Vanadium                  | 10.1         | 12.3        | 12.3        | 8.40 B         | 17.3          | 16.7          | 10.5          |
| Zinc                      | 405 E*       | 67.5        | 90.2        | 66.7           | 101           | 380           | 50.1          |
| Conventional Parameters   |              |             |             |                |               |               |               |
| Total Phenois             | 0.82         | ND(0.12)    | ND(0.12)    | ND(0.12)       | NA            | NA            | NA            |

| Location ID   | 1                        | N2SC-01               | N2SC-02<br>N2SC-02-CS0306 | N2SC-02<br>N2SC-02-SS03  | N2SC-03<br>N2SC-03-CS1015 | N2SC-03<br>N2SC-03-SS09 |
|---|--------------------------|-----------------------|---------------------------|--------------------------|---------------------------|-------------------------|
| Sample ID:<br>Sample Depth(Feet):                               | <b>*</b>                 | N2SC-01-SS07<br>10-12 | 3-6                       | 3-5                      | 10-15                     | 14-15                   |
| Parameter Date Collected  | 1                        | 10/29/98              | 11/03/98                  | 11/05/98                 | 11/02/98                  | 11/02/98                |
| Volatile Organics   |                          |                       |                           |                          |                           |                         |
| 1,1,1,2-Tetrachioroethane                                       | ND(0.0050)               | ND(1.3)               | NA NA                     | ND(0.0044)               | NA                        | ND(6.7)                 |
| 1,1,1-trichloro-2,2,2-trifluoroethane                           | NA NA                    | NA NA                 | NA NA                     | NA NA                    | NA NA                     | NA NA                   |
| 1,1,1-Trichloroethane   | ND(0.0050)               | ND(1.3)               | NA NA                     | ND(0.0044)               | NA<br>NA                  | ND(6.7)<br>ND(6.7)      |
| 1,1,2,2-Tetrachloroethane 1,1,2-trichloro-1,2,2-triftuoroethane | ND(0.0050)<br>NA         | ND(1.3)<br>NA         | NA<br>NA                  | ND(0.0044)<br>NA         | NA<br>NA                  | ND(6.7)<br>NA           |
| 1,1,2-Trichloroethane   | ND(0.0050)               | ND(1.3)               | NA NA                     | ND(0.0044)               | NA NA                     | ND(6.7)                 |
| 1,1-Dichloroethane  | ND(0.0050)               | ND(1.3)               | NA NA                     | ND(0.0044)               | NA NA                     | ND(6.7)                 |
| 1,1-Dichioroethene  | ND(0.0050)               | ND(1.3)               | NA NA                     | ND(0.0044)               | NA                        | ND(6.7)                 |
| 1,2,3-Trichloropropane  | ND(0.0050)               | ND(1.3)               | NA NA                     | ND(0.0044)               | NA                        | ND(6.7)                 |
| 1,2-Dibromo-3-chloropropane                                     | ND(0.010)                | ND(2.6)               | NA NA                     | ND(0.0087)               | NA<br>NA                  | ND(13)<br>ND(6.7)       |
| 1,2-Dibromoethane 1,2-Dichloroethane                            | ND(0.0050)<br>ND(0.0050) | ND(1.3)<br>ND(1.3)    | NA<br>NA                  | ND(0.0044)<br>ND(0.0044) | NA<br>NA                  | ND(6.7)<br>ND(6.7)      |
| 1,2-Dichloroethene (total)                                      | NA NA                    | NA NA                 | NA NA                     | NA NA                    | NA NA                     | NA NA                   |
| 1,2-Dichloropropane   | ND(0.0050)               | ND(1.3)               | NA NA                     | ND(0.0044)               | NA NA                     | ND(6.7)                 |
| 1,4-Dioxane   | ND(0.50)                 | ND(130)               | NA                        | ND(0.44)                 | NA                        | ND(670)                 |
| 2-Butanone  | ND(0.020)                | ND(5.2)               | NA NA                     | ND(0.017)                | NA NA                     | ND(27)                  |
| 2-Chloro-1,3-butadiene  | ND(0.0050)               | ND(1.3)               | NA NA                     | ND(0.0044)               | NA<br>NA                  | ND(6.7)<br>ND(67)       |
| 2-Chloroethylvinylether<br>2-Hexanone                           | ND(0.050)<br>ND(0.020)   | ND(13)<br>ND(5.2)     | NA<br>NA                  | ND(0.044)<br>ND(0.017)   | NA<br>NA                  | ND(27)                  |
| 3-Chloropropene   | ND(0.020)                | ND(3.2)               | NA NA                     | ND(0.0087)               | NA NA                     | ND(13)                  |
| 4-Methyl-2-pentanone  | ND(0.020)                | ND(5.2)               | NA NA                     | ND(0.017)                | NA NA                     | ND(27)                  |
| Acetone   | ND(0.020)                | ND(5.2)               | NA NA                     | ND(0.017)                | NA                        | ND(27)                  |
| Acetonitrile  | ND(0.10)                 | ND(26)                | NA NA                     | ND(0.087)                | NA NA                     | ND(130)                 |
| Acrolein  | ND(0.10)                 | ND(26)                | NA NA                     | ND(0.087)                | NA ·                      | ND(130)                 |
| Acrylonitrile   | ND(0.10)                 | ND(26)                | NA<br>NA                  | ND(0.087)<br>ND(0.0044)  | NA<br>NA                  | ND(130)<br>ND(6.7)      |
| Benzene<br>Bromodichloromethane                                 | ND(0.0050)<br>ND(0.0050) | ND(1.3)<br>ND(1.3)    | NA NA                     | ND(0.0044)               | NA<br>NA                  | ND(6.7)<br>ND(6.7)      |
| Bromoform   | ND(0.0050)               | ND(1.3)               | NA NA                     | ND(0.0044)               | NA NA                     | ND(6.7)                 |
| Bromomethane  | ND(0.010)                | ND(2.6)               | NA NA                     | ND(0.0087)               | NA NA                     | ND(13)                  |
| Carbon Disulfide  | ND(0.0050)               | ND(1.3)               | NA NA                     | ND(0.0044)               | NA                        | ND(6.7)                 |
| Carbon Tetrachloride  | ND(0.0050)               | ND(1.3)               | NA NA                     | ND(0.0044)               | NA NA                     | ND(6.7)                 |
| Chlorobenzene   | ND(0.0050)               | ND(1.3)               | NA NA                     | ND(0.0044)               | NA<br>Via                 | ND(6.7)                 |
| Chloroethane<br>Chloroform                                      | ND(0.010)<br>ND(0.0050)  | ND(2.6)<br>ND(1.3)    | NA<br>NA                  | ND(0.0087)<br>ND(0.0044) | NA<br>NA                  | ND(13)<br>ND(6.7)       |
| Chloromethane   | ND(0.0050)               | ND(1.3)<br>ND(2.6)    | NA<br>NA                  | ND(0.0044)               | NA NA                     | ND(0.7)<br>ND(13)       |
| cis-1,2-Dichloroethene  | ND(0.0025)               | 26                    | NA NA                     | ND(0.0022)               | NA NA                     | 130                     |
| cis-1,3-Dichloropropene   | ND(0.0050)               | ND(1.3)               | NA NA                     | ND(0.0044)               | NA                        | ND(6.7)                 |
| cis-1,4-Dichloro-2-butene                                       | NA                       | NA NA                 | NA NA                     | NA NA                    | NA                        | NA                      |
| Crotonaldehyde  | NA NA                    | NA NA                 | NA NA                     | NA NA                    | NA NA                     | NA NA                   |
| Dibromochloromethane  | ND(0.0050)               | ND(1.3)               | NA<br>NA                  | ND(0.0044)               | NA<br>NA                  | ND(6.7)                 |
| Dibromomethane Dichlorodifluoromethane                          | ND(0.0050)<br>ND(0.010)  | ND(1.3)<br>ND(2.6)    | NA<br>NA                  | ND(0.0044)<br>ND(0.0087) | NA<br>NA                  | ND(6.7)<br>ND(13)       |
| Ethyl Methacrylate  | ND(0.0050)               | ND(1.3)               | NA NA                     | ND(0.0044)               | NA NA                     | ND(6.7)                 |
| Ethylbenzene  | ND(0.0050)               | ND(1.3)               | NA NA                     | ND(0.0044)               | NA NA                     | ND(6.7)                 |
| Iodomethane   | ND(0.0050)               | ND(1.3)               | NA NA                     | ND(0.0044)               | NA NA                     | ND(6.7)                 |
| Isobutanol  | ND(0.20)                 | ND(52)                | NA NA                     | ND(0.17)                 | NA NA                     | ND(270)                 |
| m&p-Xylene  | NA NA                    | NA NA                 | NA NA                     | NA NA                    | NA NA                     | NA NA                   |
| Methacrylonitrile   | ND(0.0050)<br>ND(0.0050) | ND(1.3)<br>ND(1.3)    | NA<br>NA                  | ND(0.0044)<br>ND(0.0044) | NA<br>NA                  | ND(6.7)<br>ND(6.7)      |
| Methyl Methacrylate Methylene Chloride                          | ND(0.0050)<br>ND(0.0050) | ND(1.3)<br>ND(1.3)    | NA<br>NA                  | ND(0.0044)               | NA<br>NA                  | ND(6.7)                 |
| Pentachioroethane   | NA NA                    | NA NA                 | NA NA                     | NA NA                    | NA NA                     | NA NA                   |
| Propionitnie  | ND(0.020)                | ND(5.2)               | NA NA                     | ND(0.017)                | NA NA                     | ND(27)                  |
| Pyridine  | NA NA                    | NA NA                 | NA NA                     | NA                       | NA NA                     | NA                      |
| Styrene   | ND(0.0050)               | ND(1.3)               | NA                        | ND(0.0044)               | NA NA                     | ND(6.7)                 |
| Tetrachioroethene   | ND(0.0050)               | ND(1.3)               | NA NA                     | ND(0.0044)               | NA NA                     | ND(6.7)                 |
| Toluene   | ND(0.0050)               | ND(1.3)               | NA<br>NA                  | ND(0.0044)               | NA<br>NA                  | 4.5 J                   |
| trans-1,2-Dichloroethene  | ND(0.0025)<br>ND(0.0050) | ND(0.64)<br>ND(1.3)   | NA<br>NA                  | ND(0.0022)<br>ND(0.0044) | NA<br>NA                  | ND(3.4)<br>ND(6.7)      |
| trans-1,3-Dichloropropene<br>trans-1,4-Dichloro-2-butene        | ND(0.0050)               | ND(1.3)<br>ND(1.3)    | NA<br>NA                  | ND(0.0044)               | NA NA                     | ND(6.7)<br>ND(6.7)      |
| Trichloroethene   | ND(0.0050)               | 3.3                   | NA NA                     | ND(0.0044)               | NA NA                     | 170                     |
| Trichlorofluoromethane  | ND(0.010)                | ND(2.6)               | NA NA                     | ND(0.0087)               | NA NA                     | ND(13)                  |
| Vinyl Acetate   | ND(0.010)                | ND(2.6)               | NA NA                     | ND(0.0087)               | NA                        | ND(13)                  |
| Vinyl Chloride  | ND(0.010)                | ND(2.6)               | NA NA                     | ND(0.0087)               | NA                        | ND(13)                  |
| Xylenes (total)   | ND(0.0050)               | ND(1.3)               | NA NA                     | ND(0.0044)               | NA                        | ND(6.7)                 |

## PRE-DESIGN INVESTIGATION REPORT FOR THE NEWELL STREET AREA II REMOVAL ACTION GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

| Sample ID:  |   | N2SC-01<br>N2SC-01-CS1015                         | N2SC-01<br>N2SC-01-SS07 | N2SC-02<br>N2SC-02-CS0306               | N2SC-02<br>N2SC-02-SS03 | N2SC-03<br>N2SC-03-CS1015              | N2SC-03<br>N2SC-03-SS09 |
|---|---|---|-------------------------|---|-------------------------|--|-------------------------|
| Parameter   | Sample Depth(Feet):<br>Date Collected:                                      | 10-15<br>10/29/98                                 | 10-12<br>10/29/98       | 3-6<br>11/03/98                         | 3-5<br>11/05/98         | 10-15<br>11/02/98                      | 14-15<br>11/02/98       |
| Semivolatile (  | Organics  |   |                         |   |                         |  |                         |
| 1,2,3,4-Tetrac  | hlorobenzene  | NA  | NA                      | NA                                      | NA NA                   | NA NA                                  | NA                      |
| 1,2,3,5-Tetrac  |   | NA NA   | NA                      | NA<br>NA                                | NA                      | NA NA                                  | NA                      |
| 1,2,3-Trichlord   | benzene   | NA  | NA                      | NA                                      | NA                      | NA NA                                  | NA                      |
| 1,2,4,5-Tetrac  | hlorobenzene  | 0.81 J  | NA                      | ND(1.9)                                 | NA NA                   | 4.4                                    | NA                      |
| 1,2,4-Trichlord   |   | 24  | NA                      | 4.5                                     | NA NA                   | 210                                    | NA                      |
| 1,2-Dichlorobe  | enzene  | ND(3.3)   | NA                      | ND(1.9)                                 | NA NA                   | 2.7 J                                  | NA                      |
| 1,2-Diphenylh   | ydrazine  | ND(3.3)   | NA                      | ND(1.9)                                 | NA NA                   | ND(3.0)                                | NA                      |
| 1,3,5-Trichlord   | benzene   | NA  | NA                      | NA NA                                   | NA                      | NA NA                                  | NA                      |
| 1,3,5-Trinitrob   | enzene  | ND(16)  | NA NA                   | ND(9.3)                                 | NA NA                   | ND(15)                                 | NA                      |
| 1,3-Dichlorobe  |   | ND(3.3)   | NA NA                   | ND(1.9)                                 | NA NA                   | 2.4 J                                  | NA                      |
| 1,3-Dinitroben  | ······  | ND(3.3)   | NA                      | ND(1.9)                                 | NA                      | ND(3.0)                                | NA                      |
| 1,4-Dichlorobe  | <del></del>   | ND(3.3)   | NA                      | ND(1.9)                                 | NA                      | 18                                     | NA                      |
| 1,4-Dinitroben  | <del></del>   | NA  | NA                      | NA NA                                   | NA                      | NA NA                                  | NA                      |
| I,4-Naphthoqi   |   | ND(16)  | NA NA                   | ND(9.3)                                 | NA NA                   | ND(15)                                 | NA NA                   |
| 1-Chloronapht   | ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~                                     | NA NA   | NA NA                   | NA NA                                   | NA NA                   | NA NA                                  | NA NA                   |
| I-Methylnapht   |   | NA<br>NB/(a a)                                    | NA<br>NA                | NA<br>NG(4.6)                           | NA NA                   | NA<br>ND(0.0)                          | NA NA                   |
| I-Naphthylam  |   | ND(3.3)   | NA<br>NA                | ND(1.9)                                 | NA NA                   | ND(3.0)                                | NA NA                   |
| 2,3,4,6-Tetrac  | <del>~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~</del>                            | ND(3.3)   | NA<br>NA                | ND(1.9)                                 | NA NA                   | ND(3.0)                                | NA<br>NA                |
| 2,4,5-Trichlord   |   | ND(3.3)   | NA<br>NA                | ND(1.9)                                 | NA<br>NA                | ND(3.0)                                | NA<br>NA                |
| 2,4,6-Trichloro   |   | ND(3.3)   | NA<br>NA                | ND(1.9)                                 | NA<br>NA                | ND(3.0)<br>ND(3.0)                     | NA<br>NA                |
| 2,4-Dichloroph  |   | ND(3.3)<br>0.37 J                                 | NA<br>NA                | ND(1.9)<br>ND(1.9)                      | NA NA                   | 0.31 J                                 | NA<br>NA                |
| 2,4-Dimethylp<br>2,4-Dinitrophe   |   | ND(16)  | NA<br>NA                | ND(9.3)                                 | NA NA                   | ND(15)                                 | NA NA                   |
| 2,4-Dinitrophe<br>2,4-Dinitrotolu   |   | ND(3.3)   | NA<br>NA                | ND(9.3)<br>ND(1.9)                      | NA NA                   | ND(3.0)                                | NA NA                   |
| 2,6-Dichloroph  |   | ND(3.3)   | NA NA                   | ND(1.9)                                 | NA NA                   | ND(3.0)                                | NA NA                   |
| 2,6-Dinitrotolu   |   | ND(3.3)   | NA NA                   | ND(1.9)                                 | NA NA                   | ND(3.0)                                | NA NA                   |
| 2-Acetylamino   |   | ND(6.7)   | NA NA                   | ND(3.8)                                 | NA NA                   | ND(6.0)                                | NA NA                   |
| 2-Chloronaphi   |   | ND(3.3)   | NA NA                   | ND(1.9)                                 | NA NA                   | ND(3.0)                                | NA NA                   |
| 2-Chlorophen  |   | ND(3.3)   | NA NA                   | ND(1.9)                                 | NA NA                   | ND(3.0)                                | NA NA                   |
| 2-Methylnaphi   |   | 0.69 J  | NA NA                   | ND(1.9)                                 | NA NA                   | 2.6 J                                  | NA NA                   |
| 2-Methylphen  | <del></del>   | ND(3.3)   | NA NA                   | ND(1.9)                                 | NA NA                   | ND(3.0)                                | NA NA                   |
| 2-Naphthylam  |   | ND(3.3)   | NA NA                   | ND(1,9)                                 | NA NA                   | ND(3.0)                                | NA NA                   |
| 2-Nitroaniline  |   | ND(16)  | NA NA                   | ND(9.3)                                 | NA NA                   | ND(15)                                 | NA NA                   |
| 2-Nitrophenol   |   | ND(3.3)   | NA                      | ND(1.9)                                 | NA NA                   | ND(3.0)                                | NA                      |
| 2-Phenylened  |   | NA NA   | NA NA                   | NA NA                                   | NA NA                   | NA NA                                  | NA                      |
| 2-Picoline  |   | ND(6.7)   | NA NA                   | ND(3.8)                                 | NA NA                   | ND(6.0)                                | NA                      |
| 3&4-Methylph  | enol  | ND(3.3)   | NA                      | ND(1.9)                                 | NA NA                   | ND(3.0)                                | NA                      |
| 3,3'-Dichlorob  |   | ND(16)  | NA                      | ND(9.3)                                 | NA NA                   | ND(15)                                 | NA                      |
| 3,3'-Dimethox   | ybenzidine  | NA NA   | NA                      | NA NA                                   | NA NA                   | NA NA                                  | NA                      |
| 3,3'-Dimethylb  |   | ND(16)  | NA                      | ND(9.3)                                 | NA                      | ND(15)                                 | NA                      |
| 3-Methylchola   | inthrene  | ND(6.7)   | NA                      | ND(3.8)                                 | NA NA                   | ND(6.0)                                | NA                      |
| 3-Methylphen  | ol  | NA NA   | NA                      | NA                                      | NA NA                   | NA NA                                  | NA                      |
| 3-Nitroaniline  | ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~                                     | ND(16)  | NA                      | ND(9.3)                                 | NA NA                   | ND(15)                                 | NA                      |
| 3-Phenylened  | liamine   | - NA  | NA                      | NA NA                                   | NA NA                   | NA NA                                  | NA                      |
| <del></del>   | e-bis(2-chloroaniline)  | NA NA   | NA NA                   | NA                                      | NA NA                   | NA                                     | NA                      |
| 4,6-Dinitro-2-r   |   | ND(16)  | NA                      | ND(9.3)                                 | NA                      | ND(15)                                 | NA                      |
| 4-Aminobiphe  |   | ND(16)  | NA                      | ND(9.3)                                 | NA NA                   | ND(15)                                 | NA                      |
|   | yl-phenylether  | ND(3.3)   | NA                      | ND(1.9)                                 | NA NA                   | ND(3.0)                                | NA NA                   |
| 4-Chloro-3-Me   |   | ND(3.3)   | NA NA                   | ND(1.9)                                 | NA NA                   | ND(3.0)                                | NA NA                   |
| 1-Chloroanilin  | **************************************                                      | ND(3.3)   | NA NA                   | ND(1.9)                                 | NA NA                   | ND(3.0)                                | NA NA                   |
| 1-Chlorobenz  |   | ND(3.3)   | NA NA                   | ND(1.9)                                 | NA NA                   | ND(3.0)                                | NA NA                   |
|   | yl-phenylether  | ND(3.3)   | NA NA                   | ND(1.9)                                 | NA NA                   | ND(3.0)                                | NA NA                   |
|   |   | NA NA   | NA NA                   | NA NA                                   | NA NA                   | NA NA                                  | NA NA                   |
|   |   | ND(16)  | NA NA                   | ND(9.3)                                 | NA NA                   | ND(15)                                 | NA NA                   |
| I-Nitroaniline  |   | ND(16)  | NA NA                   | ND(9.3)                                 | NA NA                   | ND(15)                                 | NA NA                   |
| I-Nitroaniline<br>I-Nitrophenol   |   |   |                         | ND(19)                                  | NA NA                   | ND(30)                                 | NA NA                   |
| 4-Nitroaniline<br>4-Nitrophenol<br>4-Nitroquinolii  | ne-1-oxide  | ND(33)  | NA NA                   | <del></del>                             |                         |  |                         |
| 4-Nitroaniline<br>4-Nitrophenol<br>4-Nitroquinoli<br>4-Phenylened   | ne-1-oxide<br>diamine   | ND(33)<br>ND(33)                                  | NA                      | ND(19)                                  | NA NA                   | ND(30)                                 | NA                      |
| 4-Methylphen<br>4-Nitroaniline<br>4-Nitrophenol<br>4-Nitroquinoli<br>4-Phenylened<br>5-Nitro-o-tolui                    | ne-1-oxide<br>Ifamine<br>Idine  | ND(33)<br>ND(33)<br>ND(6.7)                       | NA<br>NA                | ND(19)<br>ND(3.8)                       | NA<br>NA                | ND(30)<br>ND(6.0)                      | NA<br>NA                |
| 4-Nitroaniline<br>4-Nitrophenol<br>4-Nitroquinoli<br>4-Phenylened<br>5-Nitro-o-tolui<br>7,12-Dimethyi                   | ne-1-oxide<br>damine<br>idine<br>lbenz(a)anthracene                         | ND(33)<br>ND(33)<br>ND(6.7)<br>ND(6.7)            | NA<br>NA<br>NA          | ND(19)<br>ND(3.8)<br>ND(3.8)            | NA<br>NA<br>NA          | ND(30)<br>ND(6.0)<br>ND(6.0)           | NA<br>NA<br>NA          |
| 4-Nitroaniline<br>4-Nitrophenol<br>4-Nitroquinolii<br>4-Phenylened<br>5-Nitro-o-tolui<br>7,12-Dimethyi<br>a,a'-Dimethyi | ne-1-oxide<br>fiamine<br>idine<br>ibenz(a)anthracene<br>ohenethylamine      | ND(33)<br>ND(33)<br>ND(6.7)<br>ND(6.7)<br>ND(6.7) | NA<br>NA<br>NA<br>NA    | ND(19)<br>ND(3.8)<br>ND(3.8)<br>ND(9.3) | NA<br>NA<br>NA<br>NA    | ND(30)<br>ND(6.0)<br>ND(6.0)<br>ND(15) | NA<br>NA<br>NA<br>NA    |
| 4-Nitroaniline<br>4-Nitrophenol<br>4-Nitroquinoli<br>4-Phenylened<br>5-Nitro-o-tolui<br>7,12-Dimethyi                   | ne-1-oxide<br>fiamine<br>idine<br>ibenz(a)anthracene<br>ohenethylamine<br>e | ND(33)<br>ND(33)<br>ND(6.7)<br>ND(6.7)            | NA<br>NA<br>NA          | ND(19)<br>ND(3.8)<br>ND(3.8)            | NA<br>NA<br>NA          | ND(30)<br>ND(6.0)<br>ND(6.0)           | NA<br>NA<br>NA          |

| (Results are presented in C | ary weight parts per m | mon, ppm) |
|-----------------------------|------------------------|-----------|
|                             |                        |           |
|                             | T 1/200 20             | 11000 00  |

| Location ID:<br>Sample ID:<br>Sample Depth(Feet): | N2SC-01<br>N2SC-01-CS1015<br>10-15 | N2SC-01<br>N2SC-01-SS07<br>10-12 | N2SC-02<br>N2SC-02-CS0306<br>3-6 | N2SC-02<br>N2SC-02-SS03<br>3-5 | N2SC-03<br>N2SC-03-CS1015<br>10-15 | N2SC-03<br>N2SC-03-SS09<br>14-15 |
|---|------------------------------------|----------------------------------|----------------------------------|--------------------------------|------------------------------------|----------------------------------|
| Parameter Date Collected:                         | 10/29/98                           | 10/29/98                         | 11/03/98                         | 11/05/98                       | 11/02/98                           | 11/02/98                         |
| Semivolatile Organics(continued)                  |                                    |                                  |                                  |                                |                                    |                                  |
| Aniline   | ND(3.3)                            | NA                               | ND(1.9)                          | NA                             | 5.5                                | NA NA                            |
| Anthracene  | 6.6                                | NA                               | 1.5 J                            | NA NA                          | 1.4 J                              | NA NA                            |
| Aramite   | ND(16)                             | NA NA                            | ND(9.3)                          | NA NA                          | ND(15)                             | NA<br>NA                         |
| Benzal chloride                                   | NA NA                              | NA                               | NA NA                            | NA NA                          | NA<br>NA                           | NA NA                            |
| Benzidine   | ND(33)                             | NA NA                            | ND(19)                           | NA NA                          | ND(30)                             | NA<br>NA                         |
| Benzo(a)anthracene                                | 7.4                                | NA<br>NA                         | 5.7<br>7.2                       | NA<br>NA                       | 2.2 J<br>1.6 J                     | NA NA                            |
| Benzo(a)pyrene                                    | 6.5                                | NA<br>NA                         | 7.2<br>8.5                       | NA NA                          | 2.6 J                              | NA NA                            |
| Benzo(b)fluoranthene                              | 8.1                                | NA<br>NA                         | 2.6                              | NA NA                          | ND(3.0)                            | NA NA                            |
| Benzo(g,h,i)perylene                              | 1.1 J<br>3.6                       | NA NA                            | 3.8                              | NA NA                          | 1.2 J                              | NA NA                            |
| Benzo(k)fluoranthene<br>Benzoic Acid              | NA                                 | NA NA                            | NA NA                            | NA NA                          | NA NA                              | NA NA                            |
| Benzotrichloride                                  | NA NA                              | NA NA                            | NA NA                            | NA NA                          | NA NA                              | NA NA                            |
| Benzyl Alcohol                                    | ND(3.3)                            | NA NA                            | ND(1.9)                          | NA NA                          | ND(3.0)                            | NA                               |
| Benzyl Chloride                                   | NA NA                              | NA NA                            | NA NA                            | NA NA                          | NA NA                              | NA                               |
| bis(2-Chloroethoxy)methane                        | ND(3.3)                            | NA                               | ND(1.9)                          | NA.                            | ND(3.0)                            | NA                               |
| bis(2-Chloroethyl)ether                           | ND(3.3)                            | NA                               | ND(1.9)                          | NA                             | ND(3.0)                            | NA                               |
| bis(2-Chloroisopropyl)ether                       | ND(3.3)                            | NA                               | ND(1.9)                          | NA NA                          | ND(3.0)                            | NA                               |
| bis(2-Ethylhexyl)phthalate                        | 0.37 J                             | NA                               | 0.90 J                           | NA                             | 1.3 J                              | NA                               |
| Butylbenzylphthalate                              | ND(3.3)                            | NA                               | ND(1.9)                          | NA                             | ND(3.0)                            | NA                               |
| Chrysene  | 7.1                                | NA                               | 5.7                              | - NA                           | 2.5 J                              | NA                               |
| Cyclophosphamide                                  | NA                                 | NA                               | NA NA                            | NA NA                          | NA                                 | NA                               |
| Diallate  | ND(6.7)                            | NA                               | ND(3.8)                          | NA NA                          | ND(6.0)                            | NA                               |
| Dibenz(a,j)acridine                               | NA                                 | NA                               | NA NA                            | NA                             | NA NA                              | NA NA                            |
| Dibenzo(a,h)anthracene                            | 0.38 J                             | NA                               | 0.75 J                           | NA                             | ND(3.0)                            | NA NA                            |
| Dibenzofuran                                      | 2.2 J                              | NA                               | 0.50 J                           | NA                             | 1,1 J                              | NA NA                            |
| Diethylphthalate                                  | ND(3.3)                            | NA                               | ND(1.9)                          | NA NA                          | ND(3.0)                            | NA NA                            |
| Dimethylphthalate                                 | ND(3.3)                            | NA                               | ND(1.9)                          | NA NA                          | ND(3.0)                            | NA<br>NA                         |
| Di-n-Butylphthalate                               | ND(3.3)                            | NA NA                            | ND(1.9)                          | NA NA                          | ND(3.0)                            | NA NA                            |
| Di-n-Octylphthalate                               | ND(3.3)                            | NA NA                            | ND(1.9)                          | NA<br>NA                       | ND(3.0)<br>NA                      | NA NA                            |
| Dinoseb   | . NA                               | NA<br>NA                         | NA<br>ND(1.9)                    | NA<br>NA                       | ND(3.0)                            | NA NA                            |
| Diphenylamine                                     | ND(3.3)<br>ND(3.3)                 | NA<br>NA                         | ND(1.9)<br>ND(1.9)               | NA NA                          | ND(3.0)                            | NA NA                            |
| Ethyl Methanesulfonate Fluoranthene               | ND(3.3)                            | NA NA                            | 11                               | NA NA                          | 4.7                                | NA NA                            |
| Fluorene  | 5.5                                | NA NA                            | 0.63 J                           | NA NA                          | 1.7                                | NA NA                            |
| Hexachlorobenzene                                 | ND(3.3)                            | NA NA                            | ND(1.9)                          | NA NA                          | ND(3.0)                            | NA NA                            |
| Hexachlorobutadiene                               | ND(3.3)                            | NA NA                            | ND(1.9)                          | NA *                           | ND(3.0)                            | NA NA                            |
| Hexachlorocyclopentadiene                         | ND(16)                             | NA NA                            | ND(9.3)                          | NA NA                          | ND(15)                             | NA NA                            |
| Hexachloroethane                                  | ND(3.3)                            | NA NA                            | ND(1.9)                          | NA NA                          | ND(3.0)                            | NA                               |
| Hexachlorophene                                   | NA NA                              | NA                               | NA NA                            | NA                             | NA NA                              | NA                               |
| Hexachioropropene                                 | ND(13)                             | NA                               | ND(7.6)                          | NA NA                          | ND(12)                             | NA                               |
| Indeno(1,2,3-cd)pyrene                            | 1.2 J                              | NA NA                            | 3.1                              | NA NA                          | 0.27 J                             | NA                               |
| Isodrin   | NA NA                              | NA                               | NA                               | NA NA                          | NA NA                              | NA NA                            |
| Isophorone  | ND(3.3)                            | NA                               | ND(1.9)                          | NA NA                          | ND(3.0)                            | NA NA                            |
| Isosafrole  | ND(6.7)                            | NA .                             | ND(3.8)                          | NA NA                          | ND(6.0)                            | NA NA                            |
| Methapyrilene                                     | ND(16)                             | NA NA                            | ND(9.3)                          | NA NA                          | ND(15)                             | NA NA                            |
| Methyl Methanesulfonate                           | ND(3.3)                            | NA NA                            | ND(1.9)                          | NA NA                          | ND(3.0)                            | NA NA                            |
| Naphthalene                                       | 2.3 J                              | NA NA                            | 0.64 J                           | NA NA                          | 12                                 | NA NA                            |
| Nitrobenzene                                      | ND(3.3)                            | NA NA                            | ND(1.9)                          | NA NA                          | ND(3.0)<br>ND(3.0)                 | NA<br>NA                         |
| N-Nitrosodiethylamine                             | ND(3.3)                            | NA NA                            | ND(1.9)                          | NA<br>NA                       |                                    | NA NA                            |
| N-Nitrosodimethylamine                            | ND(3.3)                            | NA<br>NA                         | ND(1.9)                          | NA<br>NA                       | ND(3.0)<br>ND(3.0)                 | NA NA                            |
| N-Nitroso-di-n-butylamine                         | ND(3.3)                            | NA<br>NA                         | ND(1.9)                          | NA<br>NA                       | ND(3.0)                            | NA NA                            |
| N-Nitroso-di-n-propylamine                        | ND(3.3)                            | NA<br>NA                         | ND(1.9)<br>ND(1.9)               | NA<br>NA                       | 0.77 J                             | NA NA                            |
| N-Nitrosodiphenylamine                            | ND(3.3)                            | NA NA                            | ND(1.9)<br>ND(1.9)               | NA NA                          | ND(3.0)                            | NA NA                            |
| N-Nitrosomethylethylamine                         | ND(3.3)<br>ND(3.3)                 | NA NA                            | ND(1.9)                          | NA NA                          | ND(3.0)                            | NA NA                            |
| N-Nitrosomorpholine                               | ND(3.3)                            | NA NA                            | ND(1.9)                          | NA NA                          | ND(3.0)                            | H NA                             |
| N-Nitrosopiperidine N-Nitrosopyrrolidine          | ND(3.3)                            | T NA                             | ND(1.9)                          | NA NA                          | ND(3.0)                            | NA NA                            |
| o,o,o-Triethylphosphorothioate                    | ND(3.3)                            | T NA                             | NA NA                            | NA NA                          | NA NA                              | NA NA                            |
| o-Toluidine                                       | ND(6.7)                            | NA NA                            | ND(3.8)                          | NA NA                          | ND(6.0)                            | NA NA                            |
| Paraldehyde                                       | NA NA                              | NA NA                            | NA NA                            | NA NA                          | NA NA                              | NA.                              |
| p-Dimethylaminoazobenzene                         | ND(6.7)                            | NA NA                            | ND(3.8)                          | NA NA                          | ND(6.0)                            | NA NA                            |
| Pentachlorobenzene                                | ND(3.3)                            | NA NA                            | ND(1.9)                          | NA NA                          | ND(3.0)                            | NA NA                            |
| Pentachloroethane                                 | ND(16)                             | NA NA                            | ND(9.3)                          | NA NA                          | ND(15)                             | NA NA                            |
| Pentachloronitrobenzene                           | ND(16)                             | NA NA                            | ND(9.3)                          | NA NA                          | ND(15)                             | NA                               |

### PRE-DESIGN INVESTIGATION REPORT FOR THE NEWELL STREET AREA II REMOVAL ACTION GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

| ſ                                  | Location ID:   | N2SC-01                | N2SC-01      | N2SC-02            | N2SC-02      | N2SC-03                                 | N2SC-03      |
|------------------------------------|--|------------------------|--------------|--------------------|--------------|---|--------------|
|                                    | Sample ID:   | N2SC-01-CS1015         | N2SC-01-SS07 | N2SC-02-CS0306     | N2SC-02-SS03 | N2SC-03-CS1015                          | N2SC-03-SS09 |
|                                    | Sample Depth(Feet):  |                        | 10-12        | 3-6                | 3-5          | 10-15                                   | 14-15        |
| Parameter                          | Date Collected:  | 10/29/98               | 10/29/98     | 11/03/98           | 11/05/98     | 11/02/98                                | 11/02/98     |
| Semivolatile C                     | Organics(continued)  |                        |              |                    |              |   |              |
| Pentachlorophe                     | enoi   | ND(16)                 | NA           | ND(9.3)            | NA           | ND(15)                                  | NA           |
| Phenacetin                         |  | ND(6.7)                | NA NA        | ND(3.8)            | NA           | ND(6.0)                                 | NA           |
| Phenanthrene                       |  | 19                     | NA NA        | 6.2                | NA NA        | 7.0                                     | NA           |
| Phenol                             |  | ND(3.3)                | NA NA        | ND(1.9)            | NA NA        | ND(3.0)                                 | NA           |
| Pronamide                          |  | ND(6.7)                | NA NA        | ND(3.8)            | NA NA        | ND(6.0)                                 | NA NA        |
| Pyrene                             |  | 13                     | NA NA        | 8.5                | NA NA        | 4.0                                     | NA NA        |
| Pyridine                           |  | ND(6.7)                | NA NA        | ND(3.8)            | NA NA        | ND(6.0)                                 | NA           |
| Safrole                            |  | ND(6.7)                | NA NA        | ND(3.8)            | NA NA        | ND(6.0)                                 | NA NA        |
| Thionazin<br>Organochlorin         | a Pastinidas   | NA NA                  | NA NA        | NA NA              | NA NA        | NA NA                                   | NA NA        |
| 4.4'-DDD                           | ie resucides   | N.A                    | NIA.         |                    |              | · · · · · · · · · · · · · · · · · · ·   |              |
| 4,4'-DDE                           |  | NA<br>NA               | NA<br>NA     | NA<br>NA           | NA NA        | NA NA                                   | NA NA        |
| 4,4'-DDT                           |  | NA<br>NA               | NA<br>NA     | NA NA              | NA NA        | NA<br>NA                                | NA NA        |
| Aldrin                             |  | NA NA                  | NA<br>NA     | NA<br>NA           | NA<br>NA     | NA<br>NA                                | NA<br>NA     |
| Alpha-BHC                          |  | NA NA                  | NA NA        | NA<br>NA           | NA<br>NA     | NA<br>NA                                | NA<br>NA     |
| Beta-BHC                           |  | NA<br>NA               | NA NA        | NA NA              | NA<br>NA     | NA<br>NA                                | NA NA        |
| Delta-BHC                          |  | NA NA                  | NA NA        | NA NA              | NA NA        | NA NA                                   | NA NA        |
| Dieldrin                           |  | NA NA                  | NA NA        | NA NA              | NA NA        | NA NA                                   | NA NA        |
| Endosulfan i                       |  | NA NA                  | NA NA        | NA NA              | NA NA        | NA NA                                   | NA NA        |
| Endosulfan II                      |  | NA NA                  | NA           | NA NA              | NA NA        | NA NA                                   | NA           |
| Endosulfan Sul                     | fate   | NA                     | NA           | NA                 | NA           | NA NA                                   | NA NA        |
| Endrin                             |  | NA                     | NA           | NA                 | NA           | NA NA                                   | NA           |
| Endrin Aldehyd                     |  | NA                     | NA           | NA                 | NA NA        | NA                                      | NA           |
| Gamma-BHC (I                       | Lindane)   | NA                     | NA NA        | NA                 | NA           | NA .                                    | · NA         |
| Heptachlor                         |  | NA NA                  | NA NA        | NA                 | NA NA        | NA NA                                   | NA           |
| Heptachlor Epc                     | oxide  | NA NA                  | NA NA        | NA                 | NA NA        | NA .                                    | NA           |
| Kepone                             | ·  | NA NA                  | NA NA        | NA                 | NA           | NA NA                                   | NA           |
| Methoxychior                       |  | NA NA                  | NA .         | NA                 | . NA         | NA NA                                   | NA           |
| Technical Chlor                    | rdane  | NA NA                  | NA           | NA NA              | . NA         | NA                                      | NA           |
| Toxaphene                          | hata Daatialaa   | NA NA                  | NA NA        | NA NA              | NA           | NA                                      | NA           |
| Dimethoate                         | hate Pesticides  |                        |              |                    |              |   |              |
| Disulfoton                         |  | NA<br>NA               | NA<br>NA     | NA<br>NA           | NA NA        | NA NA                                   | NA NA        |
| Ethyl Parathion                    |  | NA NA                  | NA NA        | NA<br>NA           | NA NA        | NA NA                                   | NA NA        |
| Famphur                            |  | NA<br>NA               | NA NA        | NA<br>NA           | NA<br>NA     | NA<br>NA                                | NA NA        |
| Methyl Parathic                    | חר   | NA NA                  | NA NA        | NA NA              | NA NA        | NA<br>NA                                | NA<br>NA     |
| Phorate                            | ×  | NA NA                  | NA NA        | NA NA              | NA NA        | NA NA                                   | NA NA        |
| Sulfotep                           |  | NA NA                  | NA NA        | NA NA              | NA NA        | NA NA                                   | NA NA        |
| Herbicides                         |  |                        |              |                    |              | , | 101          |
| 2,4,5-T                            |  | NA                     | NA           | NA NA              | NA NA        | NA I                                    | NA           |
| 2,4,5-TP                           |  | NA NA                  | NA           | NA NA              | NA NA        | NA NA                                   | NA NA        |
| 2,4-D                              |  | NA                     | NA           | NA                 | NA NA        | NA NA                                   | NA           |
| Dinoseb                            |  | ND(6.7)                | NA NA        | ND(3.8)            | NA           | ND(6.0)                                 | NA           |
| Furans                             |  |                        |              |                    |              | · · · · · · · · · · · · · · · · · · ·   |              |
| 2,3,7,8-TCDF                       |  | 0.000046 Y             | NA           | 0.0073 DY          | NA           | ND(0.0000023) X                         | NA           |
| TCDFs (total)                      |  | 0.00037                | NA NA        | 0.038              | NA NA        | 0.0000092                               | NA           |
| 1,2,3,7,8-PeCD                     |  | 0.000052               | NA NA        | 0.0028 E           | NA NA        | ND(0.0000062)                           | NA NA        |
| 2,3,4,7,8-PeCD                     |  | 0.00018                | NA NA        | 0.0020             | NA           | ND(0.00000062)                          | NA           |
| PeCDFs (total)                     |  | 0.0017                 | NA NA        | 0.015              | NA NA        | 0.000044                                | NA           |
| 1,2,3,4,7,8-HxC                    |  | 0.00099                | NA<br>NA     | ND(0.0027) V       | NA NA        | 0.000027                                | NA           |
| 1,2,3,6,7,8-HxC                    |  | 0.00034                | NA<br>NA     | 0.0011             | NA NA        | ND(0.000013) XI                         | NA NA        |
| 1,2,3,7,8,9-HxC<br>2,3,4,6,7,8-HxC |  | 0.000020 V<br>0.000083 | NA<br>NA     | 0.00014            | NA NA        | 0.0000049                               | NA NA        |
| HxCDFs (total)                     |  | 0.000083               | NA<br>NA     | 0.00034<br>0.010   | NA<br>NA     | 0.0000067                               | NA NA        |
| 1,2,3,4,6,7,8-H                    | entrelatura de la companya de la co | 0.00017                | NA<br>NA     |                    | NA<br>NA     | 0.000068                                | NA NA        |
| 1,2,3,4,6,7,8-H                    |  | 0.00042                | NA<br>NA     | 0.0033 E<br>0.0014 | NA<br>NA     | 0.000010                                | NA NA        |
| HpCDFs (total)                     | <u> </u>   | 0.00042                | NA<br>NA     | 0.0075             | NA<br>NA     | 0.0000067                               | NA NA        |
| OCDF                               |  | 0.0021                 | NA<br>NA     | 0.0075             | NA NA        | 0.000032<br>0.000063 J                  | NA<br>NA     |
| L                                  |  | 9.00007                | 11/          | 0.0000             | 1375         | し. しししししょう コ                            | NA           |

## PRE-DESIGN INVESTIGATION REPORT FOR THE NEWELL STREET AREA II REMOVAL ACTION GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

| Parameter     | Location ID:<br>Sample ID:<br>Sample Depth(Feet):<br>Date Collected: | N2SC-01<br>N2SC-01-CS1015<br>10-15<br>10/29/98 | N2SC-01<br>N2SC-01-SS07<br>10-12<br>10/29/98 | N2SC-02<br>N2SC-02-CS0306<br>3-6<br>11/03/98 | N2SC-02<br>N2SC-02-SS03<br>3-5<br>11/05/98 | N2SC-03<br>N2SC-03-CS1015<br>10-15<br>11/02/98 | N2SC-03<br>N2SC-03-SS09<br>14-15<br>11/02/98 |
|---------------|--|--|--|--|--|--|--|
| Dioxins       | Date Collected:  | 10/29/98                                       | 10/29/98                                     | 11/03/98                                     | 11/03/96                                   | 11/02/50                                       | 11/02/96                                     |
| 2.3.7.8-TCD   |  | 0.0000019                                      | NA NA  | 0.000015                                     | NA NA                                      | ND(0.0000061) IX                               | NA NA  |
| TCDDs (tota   |  | 0.0000019                                      | NA<br>NA                                     | 0.00082                                      | NA NA                                      | ND(0.0000001) IX                               | NA NA  |
| 1,2,3,7,8-Pet | <del></del>  | 0.000023                                       | NA NA  | 0.000069                                     | NA NA                                      | ND(0.0000012) 1                                | NA NA  |
| PeCDDs (tot   |  | 0.000034                                       | NA NA  | 0.00084                                      | NA NA                                      | ND(0.0013) I                                   | NA NA  |
| 1,2,3,4,7,8-F |  | 0.000027                                       | NA NA  | 0.00011                                      | NA NA                                      | ND(0.00000083)                                 | NA   |
| 1,2,3,6,7,8-H |  | 0.000013                                       | NA   | 0.00017                                      | NA NA                                      | ND(0.00000092)                                 | NA   |
| 1,2,3,7,8,9-F |  | 0.0000085                                      | NA   | 0.00014                                      | NA   | ND(0.00000078)                                 | NA   |
| HxCDDs (tot   | al)  | 0.00017  | NA NA  | 0.0031                                       | NA   | ND(0.00000078)                                 | NA   |
| 1,2,3,4,6,7.8 | -HpCDD   | 0.00013  | NA   | 0.0017                                       | NA NA                                      | 0.0000015 J                                    | NA   |
| HpCDDs (tot   | al)  | 0.00025  | NA   | 0.0044                                       | NA   | 0.0000029                                      | NA   |
| OCDD          |  | 0.00058  | NA   | 0.0068 E                                     | NA   | 0.0000063 J                                    | NA NA  |
| Total TEQs (  | WHO TEFs)  | 0.00027  | NA   | 0.0024                                       | NA NA                                      | 0.0000088                                      | NA   |
| Inorganics    |  |  |  |  |  |  |  |
| Aluminum      |  | NA   | NA   | NA   | NA   | NA   | NA   |
| Antimony      |  | 1.00 B   | NA NA  | 1.90   | NA   | 0.900 B  | NA   |
| Arsenic       |  | 5.90   | NA   | 12.0   | NA   | 3.90   | NA   |
| Barium        |  | 64.5   | NA   | 682  | NA NA                                      | 57.2   | . NA   |
| Beryllium     |  | 0.480 B  | NA   | 0.250 B                                      | NA   | 0.320 B  | NA   |
| Cadmium       |  | 1.10   | NA   | 7.10   | NA   | 0.380 B  | NA   |
| Calcium       |  | NA   | NA   | NA   | NA   | NA .   | NA   |
| Chromium      |  | 20.9   | NA   | 81.1   | NA   | 27.8   | NA NA  |
| Cobalt        |  | 13.6   | NA   | 29.4   | NA   | 9.10 B   | NA   |
| Copper        |  | 77.1   | NA   | 845  | NA   | 138  | NA.  |
| Cyanide       |  | ND(5.10)                                       | NA   | ND(2.90)                                     | NA   | ND(4.60)                                       | NA   |
| Iron          |  | NA NA  | NA   | NA   | NA   | NA .   | NA   |
| Lead          | ·  | 145  | NA   | 910  | NA   | 221  | NA   |
| Magnesium     |  | NA NA  | NA   | NA NA  | NA NA                                      | NA NA  | NA NA  |
| Manganese     |  | NA   | NA   | NA   | NA NA                                      | NA   | NA   |
| Mercury       |  | 0.0360 B                                       | NA   | 0.610  | NA   | 0.320  | NA   |
| Nickel        |  | 19.9   | NA   | 36.9   | NA NA                                      | 21.2   | NA   |
| Potassium     |  | NA NA  | NA   | NA   | NA   | NA   | NA   |
| Selenium      |  | 1.20   | NA   | 1.80   | NA NA                                      | 0.860 B  | NA   |
| Silver        |  | ND(2.00)                                       | NA NA  | 9.10   | NA   | 0.140 B  | NA   |
| Sodium        |  | NA NA  | NA   | NA NA  | NA NA                                      | NA   | NA   |
| Sulfide       | .,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,                              | 740  | NA NA  | ND(233)                                      | NA NA                                      | 798  | NA   |
| Thallium      |  | 1.40 B   | NA   | ND(1.20)                                     | NA   | ND(1.80)                                       | NA   |
| Tin           |  | 11.3 B   | NA NA  | 165  | NA   | 11.1 B   | NA   |
| Vanadium      |  | 15.1   | NA   | 27.8   | NA   | 12.1   | NA   |
| Zinc          |  | 305  | NA   | 3730   | NA NA                                      | 225  | NA   |
| Convention    | al Parameters  |  |  |  |  |  |  |
| Total Phenol  | S  | NA   | NA   | NA   | NA   | NA   | NA   |

| Location ID:<br>Sample ID:<br>Sample Depth(Feet):               | N2SC-04<br>N2SC-04-CS1015<br>10-15 | N2SC-04<br>N2SC-04-SS09<br>14-15 | N2SC-05<br>N2SC-05-CS1015<br>10-15 | N2SC-05<br>N2SC-05-SS08<br>12-14 | N2SC-06<br>N2SC-06-CS1015<br>10-15 | N2SC-06<br>N2SC-06-SS09<br>14-15 |
|---|------------------------------------|----------------------------------|------------------------------------|----------------------------------|------------------------------------|----------------------------------|
| Parameter Date Collected:                                       | 11/04/98                           | 11/04/98                         | 11/05/98                           | 11/05/98                         | 10/28/98                           | 10/28/98                         |
| Volatile Organics   |                                    |                                  |                                    |                                  |                                    | LIDIO OSCOL                      |
| 1,1,1,2-Tetrachioroethane                                       | NA NA                              | ND(0.23)                         | NA NA                              | ND(0.0054)                       | NA NA                              | ND(0.0052)<br>NA                 |
| 1,1,1-trichloro-2,2,2-trifluoroethane                           | NA<br>NA                           | NA<br>ND(0.23)                   | NA<br>NA                           | NA<br>ND(0.0054)                 | NA<br>NA                           | ND(0.0052)                       |
| 1,1,1-Trichloroethane   | NA<br>NA                           | ND(0.23)<br>ND(0.23)             | NA<br>NA                           | ND(0.0054)                       | NA<br>NA                           | ND(0.0052)                       |
| 1,1,2,2-Tetrachloroethane 1,1,2-trichloro-1,2,2-trifluoroethane | NA NA                              | NA<br>NA                         | NA NA                              | NA NA                            | NA NA                              | NA NA                            |
| 1,1,2-Trichloroethane   | NA NA                              | ND(0.23)                         | NA NA                              | ND(0.0054)                       | NA NA                              | ND(0.0052)                       |
| 1.1-Dichloroethane  | NA NA                              | ND(0.23)                         | NA NA                              | ND(0.0054)                       | NA NA                              | ND(0.0052)                       |
| 1,1-Dichloroethene  | NA NA                              | ND(0.23)                         | NA NA                              | ND(0.0054)                       | NA NA                              | ND(0.0052)                       |
| 1,2,3-Trichloropropane  | NA                                 | ND(0.23)                         | NA NA                              | ND(0.0054)                       | NA                                 | ND(0.0052)                       |
| 1,2-Dibromo-3-chloropropane                                     | NA                                 | ND(0.46)                         | NA NA                              | ND(0.011)                        | NA NA                              | ND(0.010)                        |
| 1,2-Dibromoethane   | NA                                 | ND(0.23)                         | NA NA                              | ND(0.0054)                       | NA                                 | ND(0.0052)                       |
| 1,2-Dichloroethane  | NA                                 | ND(0.23)                         | NA NA                              | ND(0.0054)                       | NA NA                              | ND(0.0052)                       |
| 1,2-Dichloroethene (total)                                      | NA NA                              | NA NA                            | NA NA                              | NA<br>LID(0.0054)                | NA NA                              | NA<br>NA                         |
| 1,2-Dichloropropane   | NA NA                              | ND(0.23)                         | NA NA                              | ND(0.0054)                       | NA<br>NA                           | ND(0.0052)<br>ND(0.52)           |
| 1,4-Dioxane   | NA<br>NA                           | ND(23)                           | NA<br>NA                           | ND(0.54)                         | NA<br>NA                           | ND(0.021)                        |
| 2-Butanone<br>2-Chloro-1,3-butadiene                            | NA<br>NA                           | ND(0.91)<br>ND(0.23)             | NA<br>NA                           | ND(0.021)<br>ND(0.0054)          | NA NA                              | ND(0.021)<br>ND(0.0052)          |
| 2-Chloroethylvinylether   | NA<br>NA                           | ND(2.3)                          | NA NA                              | ND(0,054)                        | NA NA                              | ND(0.052)                        |
| 2-Hexanone  | NA NA                              | ND(0.91)                         | NA NA                              | ND(0.021)                        | NA NA                              | ND(0.021)                        |
| 3-Chloropropene   | NA NA                              | ND(0.46)                         | NA NA                              | ND(0.011)                        | NA NA                              | ND(0.010)                        |
| 4-Methyl-2-pentanone  | NA NA                              | ND(0.91)                         | NA NA                              | ND(0.021)                        | NA                                 | ND(0.021)                        |
| Acetone   | NA                                 | 1.0                              | NA                                 | ND(0.021)                        | NA                                 | ND(0.021)                        |
| Acetonitrile  | NA                                 | ND(4.6)                          | NA                                 | ND(0.11)                         | NA                                 | ND(0:10)                         |
| Acrolein  | NÁ                                 | ND(4.6)                          | . NA                               | ND(0.11)                         | NA :                               | ND(0:10)                         |
| Acrylonitrile   | NA                                 | ND(4.6)                          | NA NA                              | ND(0.11)                         | NA NA                              | ND(0.10)                         |
| Benzene   | NA NA                              | ND(0.23)                         | NA                                 | ND(0.0054)                       | NA NA                              | ND(0.0052)                       |
| Bromodichloromethane  | NA NA                              | ND(0.23)                         | NA .                               | ND(0.0054)                       | NA NA                              | ND(0.0052)                       |
| Bromoform   | NA                                 | ND(0.23)                         | NA NA                              | ND(0.0054)                       | NA NA                              | ND(0.0052)                       |
| Bromomethane  | NA<br>NA                           | ND(0.46)                         | NA<br>NA                           | ND(0.011)                        | NA<br>NA                           | ND(0.010)<br>ND(0.0052)          |
| Carbon Disulfide Carbon Tetrachloride                           | NA NA                              | ND(0.23)<br>ND(0.23)             | NA NA                              | ND(0.0054)<br>ND(0.0054)         | NA NA                              | ND(0.0052)                       |
| Chlorobenzene   | NA NA                              | ND(0.23)                         | NA .                               | ND(0.0054)                       | NA NA                              | ND(0.0052)                       |
| Chloroethane  | T NA                               | ND(0.46)                         | NA NA                              | ND(0.011)                        | NA NA                              | ND(0.010)                        |
| Chloroform  | NA NA                              | ND(0.23)                         | NA NA                              | ND(0.0054)                       | NA NA                              | ND(0.0052)                       |
| Chloromethane   | NA NA                              | ND(0.46)                         | NA NA                              | ND(0.011)                        | NA NA                              | ND(0.010)                        |
| cis-1,2-Dichloroethene  | NA NA                              | ND(0.11)                         | NA NA                              | ND(0.0027)                       | NA                                 | ND(0.0026)                       |
| cis-1,3-Dichloropropene   | NA .                               | ND(0.23)                         | NA NA                              | ND(0.0054)                       | NA NA                              | ND(0.0052)                       |
| cis-1,4-Dichloro-2-butene                                       | NA NA                              | NA                               | NA NA                              | NA                               | NA                                 | NA                               |
| Crotonaldehyde  | NA                                 | NA NA                            | NA NA                              | NA NA                            | NA NA                              | NA NA                            |
| Dibromochloromethane  | NA NA                              | ND(0.23)                         | NA NA                              | ND(0.0054)                       | NA NA                              | ND(0.0052)                       |
| Dibromomethane  | NA NA                              | ND(0.23)                         | NA<br>NA                           | ND(0.0054)                       | NA NA                              | ND(0.0052)                       |
| Dichlorodifluoromethane   | NA<br>NA                           | ND(0.46)<br>ND(0.23)             | NA *                               | ND(0.011)<br>ND(0.0054)          | NA<br>NA                           | ND(0.010)<br>ND(0.0052)          |
| Ethyl Methacrylate Ethylbenzene                                 | NA NA                              | ND(0.23)                         | NA NA                              | ND(0.0054)                       | NA NA                              | ND(0.0052)                       |
| Ilodomethane  | NA NA                              | ND(0.23)                         | NA NA                              | ND(0.0054)                       | NA NA                              | ND(0.0052)                       |
| Isobutanol  | NA NA                              | ND(9.1)                          | NA NA                              | ND(0.21)                         | NA NA                              | ND(0.21)                         |
| m&p-Xylene  | NA NA                              | NA NA                            | NA NA                              | NA NA                            | NA NA                              | NA NA                            |
| Methacrylonitrile   | NA NA                              | ND(0.23)                         | NA NA                              | ND(0.0054)                       | NA NA                              | ND(0.0052)                       |
| Methyl Methacrylate   | NA                                 | ND(0.23)                         | NA NA                              | ND(0.0054)                       | NA NA                              | ND(0.0052)                       |
| Methylene Chloride  | NA                                 | ND(0.23)                         | NA NA                              | ND(0.0054)                       | NA                                 | ND(0.0052)                       |
| Pentachloroethane   | NA NA                              | NA NA                            | NA NA                              | NA NA                            | NA NA                              | NA NA                            |
| Propionitrile   | NA NA                              | ND(0.91)                         | NA NA                              | ND(0.021)                        | NA NA                              | ND(0.021)                        |
| Pyridine  | NA NA                              | NA<br>NA                         | NA NA                              | NA<br>NA                         | NA NA                              | NA<br>NA                         |
| Styrene   | I NA                               | ND(0.23)                         | NA<br>NA                           | ND(0.0054)                       | NA<br>NA                           | ND(0.0052)                       |
| Tetrachloroethene   | NA NA                              | ND(0.23)                         | NA<br>NA                           | ND(0.0054)                       | NA<br>NA                           | ND(0.0052)                       |
| Toluene   | NA<br>NA                           | ND(0.23)<br>ND(0.11)             | NA<br>NA                           | ND(0.0054)<br>ND(0.0027)         | NA<br>NA                           | ND(0.0052)<br>ND(0.0026)         |
| trans-1,2-Dichloroethene<br>trans-1,3-Dichloropropene           | NA<br>NA                           | ND(0.11)<br>ND(0.23)             | NA<br>NA                           | ND(0.0027)<br>ND(0.0054)         | NA<br>NA                           | ND(0.0026)<br>ND(0.0052)         |
| trans-1,3-Dichloro-2-butene                                     | NA NA                              | ND(0.23)                         | NA<br>NA                           | ND(0.0054)                       | NA<br>NA                           | ND(0.0052)                       |
| Trichloroethene   | NA NA                              | 0.42                             | NA NA                              | ND(0.0054)                       | NA NA                              | ND(0.0052)                       |
| Trichlorofluoromethane  | NA NA                              | ND(0.46)                         | NA NA                              | ND(0.011)                        | NA NA                              | ND(0.0032)                       |
| Vinvi Acetate   | NA NA                              | ND(0.46)                         | NA NA                              | ND(0.011)                        | NA NA                              | ND(0.010)                        |
| Vinyl Chloride  | NA NA                              | ND(0.46)                         | NA NA                              | ND(0.011)                        | NA NA                              | ND(0.010)                        |
| I VIIIVI CINORGE  |                                    |                                  |                                    |                                  |                                    |                                  |

| Location ID:<br>Sample ID:          | N2SC-04<br>N2SC-04-CS1015 | N2SC-04<br>N2SC-04-SS09 | N2SC-05<br>N2SC-05-CS1015<br>10-15 | N2SC-05<br>N2SC-05-SS08<br>12-14 | N2SC-06<br>N2SC-06-CS1015<br>10-15 | N2SC-06<br>N2SC-06-SS09<br>14-15 |
|-------------------------------------|---------------------------|-------------------------|------------------------------------|----------------------------------|------------------------------------|----------------------------------|
| Sample Depth(Feet):                 | 10-15<br>11/04/98         | 14-15<br>11/04/98       | 11/05/98                           | 11/05/98                         | 10/28/98                           | 10/28/98                         |
| Parameter Date Collected:           | 11/04/90                  | 11/04/30                | 11/00/50                           | 11/00/00                         |                                    |                                  |
| Semivolatile Organics               |                           | N/A ·                   | NA NA                              | NA NA                            | NA NA                              | NA NA                            |
| 1,2,3,4-Tetrachlorobenzene          | NA<br>NA                  | NA<br>NA                | NA NA                              | NA NA                            | NA NA                              | NA NA                            |
| 1,2,3,5-Tetrachlorobenzene          | NA<br>NA                  | NA NA                   | NA NA                              | NA NA                            | NA                                 | NA NA                            |
| 1,2,3-Trichlorobenzene              | ND(0.41)                  | NA NA                   | ND(0.48)                           | NA NA                            | ND(2.1)                            | NA NA                            |
| 1,2,4,5-Tetrachlorobenzene          | ND(0.41)<br>ND(0.41)      | NA NA                   | ND(0.48)                           | NA NA                            | ND(2.1)                            | NA                               |
| 1,2,4-Trichlorobenzene              | ND(0.41)                  | NA NA                   | ND(0.48)                           | NA NA                            | ND(2.1)                            | NA                               |
| 1,2-Dichlorobenzene                 | ND(0.41)                  | NA NA                   | ND(0.48)                           | NA NA                            | ND(2.1)                            | NA                               |
| 1,2-Diphenylhydrazine               | ND(0.41)                  | NA NA                   | NA NA                              | NA NA                            | NA                                 | NA NA                            |
| 1,3,5-Trichlorobenzene              | ND(2.0)                   | NA NA                   | ND(2.3)                            | NA NA                            | ND(10)                             | NA                               |
| 1,3,5-Trinitrobenzene               | ND(0.41)                  | NA NA                   | ND(0.48)                           | NA NA                            | ND(2.1)                            | NA                               |
| 1,3-Dichlorobenzene                 | ND(0.41)                  | NA NA                   | ND(0.48)                           | NA NA                            | ND(2.1)                            | NA                               |
| 1.4-Dichlorobenzene                 | ND(0.41)                  | NA NA                   | ND(0.48)                           | NA NA                            | ND(2.1)                            | NA                               |
| 1.4-Dichiorobenzene                 | NA NA                     | NA NA                   | NA                                 | NA NA                            | NA                                 | NA                               |
| 1,4-Naphthoguinone                  | ND(2.0)                   | NA NA                   | ND(2.3)                            | NA NA                            | ND(10)                             | NA NA                            |
| 1-Chloronaphthalene                 | NA NA                     | NA NA                   | NA NA                              | NA NA                            | NA                                 | NA                               |
| 1-Methylnaphthalene                 | NA NA                     | NA NA                   | NA NA                              | NA                               | NA                                 | NA                               |
| 1-Naphthylamine                     | ND(0.41)                  | NA NA                   | ND(0.48)                           | NA NA                            | ND(2.1)                            | NA NA                            |
| 2.3,4,6-Tetrachlorophenol           | ND(0.41)                  | NA NA                   | ND(0.48)                           | NA                               | ND(2.1)                            | NA                               |
| 2.4.5-Trichlorophenol               | ND(0.41)                  | NA                      | ND(0.48)                           | NA                               | ND(2.1)                            | NA                               |
| 2,4,6-Trichlorophenol               | ND(0.41)                  | NA NA                   | ND(0.48)                           | NA NA                            | ND(2.1)                            | NA NA                            |
| 2.4-Dichlorophenol                  | ND(0.41)                  | NA                      | ND(0.48)                           | NA                               | ND(2.1)                            | NA                               |
| 2,4-Dimethylphenol                  | ND(0.41)                  | NA                      | ND(0.48)                           | NA                               | ND(2.1)                            | NA NA                            |
| 2,4-Dinitrophenol                   | ND(2.0)                   | NA:                     | ND(2.3)                            | NA                               | ND(10)                             | NA NA                            |
| 2.4-Dinitrotoluene                  | ND(0.41)                  | NA-                     | ND(0.48)                           | NA                               | ND(2.1)                            | NA NA                            |
| 2,6-Dichlorophenol                  | ND(0.41)                  | NA                      | ND(0.48)                           | NA NA                            | ND(2.1)                            | NA NA                            |
| 2.6-Dinitrotoluene                  | ND(0.41)                  | NA                      | ND(0.48)                           | NA                               | ND(2.1)                            | NA NA                            |
| 2-Acetylaminofluorene               | ND(0.83)                  | NA                      | ND(0.97)                           | NA .                             | ND(4.2)                            | NA                               |
| 2-Chloronaphthalene                 | ND(0.41)                  | NA                      | ND(0.48)                           | NA                               | ND(2.1)                            | NA NA                            |
| 2-Chlorophenol                      | ND(0.41)                  | NA                      | ND(0.48)                           | NA NA                            | ND(2.1)                            | NA NA                            |
| 2-Methylnaphthalene                 | ND(0.41)                  | NA                      | ND(0.48)                           | NA                               | ND(2.1)                            | NA NA                            |
| 2-Methylphenol                      | ND(0.41)                  | NA                      | ND(0.48)                           | NA NA                            | ND(2.1)                            | NA NA                            |
| 2-Naphthylamine                     | ND(0.41)                  | NA                      | ND(0.48)                           | NA NA                            | ND(2.1)                            | NA NA                            |
| 2-Nitroaniline                      | ND(2.0)                   | NA                      | ND(2.3)                            | NA NA                            | ND(10)                             | NA NA                            |
| 2-Nitrophenol                       | ND(0.41)                  | NA                      | ND(0.48)                           | NA                               | ND(2.1)                            | NA NA                            |
| 2-Phenylenediamine                  | NA NA                     | NA                      | NA                                 | NA                               | NA NA                              | NA NA                            |
| 2-Picoline                          | ND(0.83)                  | NA                      | ND(0.97)                           | NA                               | ND(4.2)                            | NA NA                            |
| 3&4-Methylphenol                    | ND(0.41)                  | NA                      | ND(0.48)                           | NA NA                            | ND(2.1)                            | NA NA                            |
| 3,3'-Dichlorobenzidine              | ND(2.0)                   | NA NA                   | ND(2.3)                            | NA NA                            | ND(10)                             | NA NA                            |
| 3,3'-Dimethoxybenzidine             | NA                        | NA NA                   | NA NA                              | NA NA                            | NA NA                              | NA<br>NA                         |
| 3,3'-Dimethylbenzidine              | ND(2.0)                   | NA                      | ND(2.3)                            | NA NA                            | ND(10)                             | NA NA                            |
| 3-Methylcholanthrene                | ND(0.83)                  | NA NA                   | ND(0.97)                           | NA NA                            | ND(4.2)                            | NA NA                            |
| 3-Methylphenol                      | NA NA                     | NA                      | NA NA                              | NA NA                            | NA<br>ND(40)                       | NA NA                            |
| 3-Nitroaniline                      | ND(2.0)                   | NA NA                   | ND(2.3)                            | NA<br>NA                         | ND(10)<br>NA                       | NA NA                            |
| 3-Phenylenediamine                  | NA NA                     | NA NA                   | NA NA                              |                                  | NA NA                              | NA NA                            |
| 4,4'-Methylene-bis(2-chloroaniline) | NA NA                     | NA NA                   | NA<br>ND(2.2)                      | NA<br>NA                         | ND(10)                             | NA NA                            |
| 4,6-Dinitro-2-methylphenol          | ND(2.0)                   | NA NA                   | ND(2.3)                            | NA<br>NA                         | ND(10)                             | NA NA                            |
| 4-Aminobiphenyl                     | ND(2.0)                   | NA<br>NA                | ND(2.3)                            | NA<br>NA                         | ND(10)<br>ND(2.1)                  | NA NA                            |
| 4-Bromophenyl-phenylether           | ND(0.41)                  | NA NA                   | ND(0.48)                           | NA<br>NA                         | ND(2.1)<br>ND(2.1)                 | NA NA                            |
| 4-Chloro-3-Methylphenol             | ND(0.41)                  | NA<br>NA                | ND(0.48)                           | NA<br>NA                         | ND(2.1)                            | NA NA                            |
| 4-Chioroaniline                     | ND(0.41)                  | NA NA                   | ND(0.48)<br>ND(0.48)               | NA<br>NA                         | ND(2.1)<br>ND(2.1)                 | NA NA                            |
| 4-Chlorobenzilate                   | ND(0.41)                  | NA NA                   |                                    | NA<br>NA                         | ND(2.1)                            | T NA                             |
| 4-Chlorophenyl-phenylether          | ND(0.41)                  | NA<br>NA                | ND(0.48)                           | NA NA                            | ND(2.1)                            | TNA NA                           |
| 4-Methylphenol                      | NA<br>NA                  | NA NA                   | NA<br>ND(2.8)                      | NA NA                            | ND(10)                             | NA NA                            |
| 4-Nitroaniline                      | ND(2.0)                   | NA<br>NA                | ND(2.3)                            | NA NA                            | ND(10)                             | NA NA                            |
| 4-Nitrophenol                       | ND(2.0)                   | NA NA                   | ND(2.3)                            | NA NA                            | ND(21)                             | NA NA                            |
| 4-Nitroquinoline-1-oxide            | ND(4.1)                   | <u>NA</u>               | ND(4.8)                            | NA<br>NA                         | ND(21)                             | NA NA                            |
| 4-Phenylenediamine                  | ND(4.1)                   | NA NA                   | ND(4.8)                            |                                  | ND(4.2)                            | NA NA                            |
| 5-Nitro-o-toluidine                 | ND(0.83)                  | NA NA                   | ND(0.97)                           | NA<br>NA                         | ND(4.2)<br>ND(4.2)                 | NA NA                            |
| 7,12-Dimethylbenz(a)anthracene      | ND(0.83)                  | NA NA                   | ND(0.97)                           |                                  | ND(10)                             | NA NA                            |
| a,a'-Dimethylphenethylamine         | ND(2.0)                   | NA NA                   | ND(2.3)                            | NA<br>NA                         | 0.83 J                             | NA NA                            |
| Acenaphthene                        | 0.052 J                   | NA NA                   | ND(0.48)                           | NA NA                            | 0.83 J                             | NA NA                            |
| Acenaphthylene                      | ND(0.41)                  | NA NA                   | ND(0.48)                           | NA NA                            | ND(2.1)                            | NA NA                            |
| Acetophenone                        | ND(0.41)                  | NA NA                   | ND(0.48)                           | 1 144                            | T (417/5-1)                        | 1 197                            |

## PRE-DESIGN INVESTIGATION REPORT FOR THE NEWELL STREET AREA II REMOVAL ACTION GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

| Location ID:<br>Sample ID:<br>Sample Depth(Feet): | N2SC-04<br>N2SC-04-CS1015<br>10-15 | N2SC-04<br>N2SC-04-SS09<br>14-15 | N2SC-05<br>N2SC-05-CS1015<br>10-15 | N2SC-05<br>N2SC-05-SS08<br>12-14 | N2SC-06<br>N2SC-06-CS1015<br>10-15 | N2SC-06<br>N2SC-06-SS09<br>14-15 |
|---|------------------------------------|----------------------------------|------------------------------------|----------------------------------|------------------------------------|----------------------------------|
| Parameter Date Collected:                         | 11/04/98                           | 11/04/98                         | 11/05/98                           | 11/05/98                         | 10/28/98                           | 10/28/98                         |
| Semivolatile Organics(continued)                  |                                    |                                  |                                    |                                  |                                    |                                  |
| Aniline   | ND(0.41)                           | NA                               | ND(0.48)                           | NA NA                            | ND(2.1)                            | NA NA                            |
| Anthracene  | 0.14 J                             | NA NA                            | ND(0.48)                           | NA NA                            | 0.17 J                             | NA NA                            |
| Aramite   | ND(2.0)                            | NA NA                            | ND(2.3)                            | NA NA                            | ND(10)                             | NA NA                            |
| Benzal chloride                                   | NA NA                              | NA NA                            | NA NA                              | NA NA                            | NA NA                              | NA NA                            |
| Benzidine   | ND(4.1)                            | NA NA                            | ND(4.8)                            | NA NA                            | ND(21)                             | NA<br>NA                         |
| Benzo(a)anthracene                                | 0.20 J                             | NA<br>NA                         | ND(0.48)<br>0.20 J                 | NA<br>NA                         | 0.50 J<br>0.70 J                   | NA<br>NA                         |
| Benzo(a)pyrene                                    | 0.17 J<br>0.18 J                   | NA<br>NA                         | ND(0.48)                           | NA<br>NA                         | 0.70 J                             | NA<br>NA                         |
| Benzo(b)fluoranthene                              | 0.069 J                            | NA NA                            | ND(0.48)                           | NA NA                            | 0.57 J                             | NA NA                            |
| Benzo(g,h,i)perylene Benzo(k)fluoranthene         | 0.095 J                            | NA NA                            | ND(0.48)                           | NA<br>NA                         | 0.25 J                             | NA NA                            |
| Benzoic Acid                                      | 0.095 3<br>NA                      | NA NA                            | NA NA                              | NA NA                            | NA NA                              | NA NA                            |
| Benzotrichloride                                  | NA NA                              | NA NA                            | NA NA                              | NA NA                            | NA NA                              | NA NA                            |
| Benzyl Alcohol                                    | ND(0.41)                           | NA NA                            | ND(0.48)                           | NA NA                            | ND(2.1)                            | NA NA                            |
| Benzyl Chloride                                   | NA NA                              | NA NA                            | NA NA                              | NA.                              | NA NA                              | NA                               |
| bis(2-Chloroethoxy)methane                        | ND(0.41)                           | NA NA                            | ND(0.48)                           | NA.                              | ND(2.1)                            | NA                               |
| bis(2-Chloroethyl)ether                           | ND(0.41)                           | NA NA                            | ND(0.48)                           | NA NA                            | ND(2.1)                            | NA                               |
| bis(2-Chloroisopropyl)ether                       | ND(0.41)                           | NA NA                            | ND(0.48)                           | NA NA                            | ND(2.1)                            | NA                               |
| bis(2-Ethylhexyl)phthalate                        | 0.49                               | NA NA                            | 0.12 J                             | NA                               | 0.43 J                             | NA                               |
| Butylbenzylphthalate                              | ND(0.41)                           | NA                               | ND(0.48)                           | NA                               | ND(2.1)                            | NA                               |
| Chrysene  | 0.19 J                             | NA                               | ND(0.48)                           | NA                               | 0.55 J                             | NA                               |
| Cyclophosphamide                                  | NA                                 | NA                               | NA.                                | NA                               | NA                                 | NA NA                            |
| Diallate  | ND(0.83)                           | NA                               | ND(0.97)                           | NA                               | ND(4.2)                            | NA                               |
| Dibenz(a,j)acridine                               | NA                                 | NA                               | NA                                 | NA                               | NA                                 | ·: NA                            |
| Dibenzo(a,h)anthracene                            | ND(0.41)                           | NA                               | ND(0.48)                           | NA NA                            | ND(2.1)                            | NA NA                            |
| Dibenzofuran                                      | 0.051 J                            | NA NA                            | ND(0.48)                           | NA                               | ND(2.1)                            | NA                               |
| Diethylphthalate                                  | ND(0.41)                           | NA NA                            | ND(0.48)                           | NA NA                            | ND(2.1)                            | NA NA                            |
| Dimethylphthalate                                 | ND(0.41)                           | NA NA                            | ND(0.48)                           | NA NA                            | ND(2.1)                            | NA NA                            |
| Di-n-Butylphthalate                               | ND(0.41)                           | NA NA                            | ND(0.48)                           | NA NA                            | ND(2.1)                            | NA NA                            |
| Di-n-Octylphthalate                               | ND(0.41)                           | NA NA                            | ND(0.48) .                         | NA NA                            | ND(2.1)                            | NA NA                            |
| Dinoseb   | NA<br>NA                           | NA NA                            | NA<br>NA                           | NA NA                            | NA<br>NA                           | NA<br>NA                         |
| Diphenylamine                                     | ND(0.41)                           | NA NA                            | ND(0.48)                           | NA NA                            | ND(2.1)                            | NA<br>NA                         |
| Ethyl Methanesulfonate                            | ND(0.41)<br>0.59                   | NA<br>NA                         | ND(0.48)<br>ND(0.48)               | NA<br>NA                         | ND(2.1)                            | NA<br>NA                         |
| Fluoranthene                                      | 0.081 J                            | NA<br>NA                         | ND(0.48)                           | NA<br>NA                         | 0.72 J<br>0.34 J                   | NA<br>NA                         |
| Fluorene<br>Hexachiorobenzene                     | ND(0.41)                           | NA NA                            | ND(0.48)                           | NA NA                            | ND(2.1)                            | NA NA                            |
| Hexachlorobutadiene                               | ND(0.41)                           | NA<br>NA                         | ND(0.48)                           | NA NA                            | ND(2.1)                            | NA NA                            |
| Hexachlorocyclopentadiene                         | ND(2.0)                            | NA NA                            | ND(2.3)                            | NA NA                            | ND(10)                             | NA NA                            |
| Hexachloroethane                                  | ND(0.41)                           | NA NA                            | ND(0.48)                           | NA NA                            | ND(10)                             | NA NA                            |
| Hexachlorophene                                   | NA NA                              | NA NA                            | NA NA                              | NA NA                            | NA NA                              | NA NA                            |
| Hexachioropropene                                 | ND(1.6)                            | NA NA                            | ND(1.9)                            | NA NA                            | ND(8.2)                            | NA NA                            |
| Indeno(1,2,3-cd)pyrene                            | 0.071 J                            | NA NA                            | ND(0.48)                           | NA.                              | 0.38 J                             | NA NA                            |
| Isodrin   | NA                                 | NA NA                            | NA NA                              | NA NA                            | NA                                 | NA                               |
| Isophorone  | ND(0.41)                           | NA                               | ND(0.48)                           | NA NA                            | ND(2.1)                            | NA                               |
| Isosafrole  | ND(0.83)                           | NA NA                            | ND(0.97)                           | NA                               | ND(4.2)                            | NA NA                            |
| Methapyrilene                                     | ND(2.0)                            | NA NA                            | ND(2.3)                            | NA                               | ND(10)                             | NA                               |
| Methyl Methanesulfonate                           | ND(0.41)                           | NA                               | ND(0.48)                           | NA NA                            | ND(2.1)                            | NA                               |
| Naphthalene                                       | ND(0.41)                           | NA                               | ND(0.48)                           | NA                               | ND(2.1)                            | NA                               |
| Nitrobenzene                                      | ND(0.41)                           | NA                               | ND(0.48)                           | NA NA                            | ND(2.1)                            | NA NA                            |
| N-Nitrosodiethylamine                             | ND(0.41)                           | NA NA                            | ND(0.48)                           | NA                               | ND(2.1)                            | NA                               |
| N-Nitrosodimethylamine                            | ND(0.41)                           | NA NA                            | ND(0.48)                           | NA                               | ND(2.1)                            | NA NA                            |
| N-Nitroso-di-n-butylamine                         | ND(0.41)                           | NA NA                            | ND(0.48)                           | NA NA                            | ND(2.1)                            | NA                               |
| N-Nitroso-di-n-propylamine                        | ND(0.41)                           | NA NA                            | ND(0.48)                           | NA NA                            | ND(2.1)                            | NA                               |
| N-Nitrosodiphenylamine                            | ND(0.41)                           | NA NA                            | ND(0.48)                           | NA NA                            | ND(2.1)                            | NA NA                            |
| N-Nitrosomethylethylamine                         | ND(0.41)                           | NA NA                            | ND(0.48)                           | NA NA                            | ND(2.1)                            | NA NA                            |
| N-Nitrosomorpholine                               | ND(0.41)                           | NA NA                            | ND(0.48)                           | NA NA                            | ND(2.1)                            | NA NA                            |
| N-Nitrosopiperidine                               | ND(0.41)                           | NA NA                            | ND(0.48)                           | NA NA                            | ND(2.1)                            | NA NA                            |
| N-Nitrosopyrrolidine                              | ND(0.41)                           | NA NA                            | ND(0.48)                           | NA NA                            | ND(2.1)                            | NA NA                            |
| o,o,o-Triethylphosphorothicate                    | NA<br>NO CON                       | NA<br>NA                         | NA NA                              | NA NA                            | NA NA                              | NA NA                            |
| o-Toluidine                                       | ND(0.83)                           | NA NA                            | ND(0.97)                           | NA NA                            | ND(4.2)                            | NA NA                            |
| Paraidehyde                                       | NA<br>NO(0.00)                     | NA NA                            | NA<br>ND/0.07                      | NA NA                            | NA NA                              | NA NA                            |
| p-Dimethylaminoazobenzene                         | ND(0.83)                           | NA NA                            | ND(0.97)                           | NA<br>NA                         | ND(4.2)                            | NA<br>NA                         |
|   |                                    |                                  |                                    |                                  |                                    | D-1-O                            |
| Pentachlorobenzene Pentachloroethane              | ND(0.41)<br>ND(2.0)                | NA<br>NA                         | ND(0.48)<br>ND(2.3)                | NA NA                            | ND(2.1)<br>ND(10)                  | NA NA                            |

| Location ID:<br>Sample ID:<br>Sample Depth(Feet): | N2SC-04<br>N2SC-04-CS1015<br>10-15 | N2SC-04<br>N2SC-04-SS09<br>14-15 | N2SC-05<br>N2SC-05-CS1015<br>10-15 | N2SC-05<br>N2SC-05-SS08<br>12-14 | N2SC-06<br>N2SC-06-CS1015<br>10-15 | N2SC-06<br>N2SC-06-SS09<br>14-15 |
|---|------------------------------------|----------------------------------|------------------------------------|----------------------------------|------------------------------------|----------------------------------|
| Parameter Date Collected:                         | 11/04/98                           | 11/04/98                         | 11/05/98                           | 11/05/98                         | 10/28/98                           | 10/28/98                         |
| Semivolatile Organics(continued)                  |                                    |                                  |                                    |                                  |                                    |                                  |
| Pentachlorophenol                                 | ND(2.0)                            | NA                               | ND(2.3)                            | NA                               | ND(10)                             | NA                               |
| Phenacetin  | ND(0.83)                           | NA                               | ND(0.97)                           | NA NA                            | ND(4.2)                            | NA                               |
| Phenanthrene                                      | 0.55                               | NA                               | ND(0.48)                           | NA                               | 0.36 J                             | NA                               |
| Phenol  | ND(0.41)                           | NA                               | ND(0.48)                           | NA                               | ND(2,1)                            | NA                               |
| Pronamide   | ND(0.83)                           | NA                               | ND(0.97)                           | NA                               | ND(4.2)                            | NA                               |
| Pyrene  | 0.34 J                             | NA                               | ND(0.48)                           | NA.                              | 0.99 J                             | NA                               |
| Pyridine  | ND(0.83)                           | NA                               | ND(0.97)                           | NA                               | ND(4.2)                            | NA                               |
| Safrole   | ND(0.83)                           | NA                               | ND(0.97)                           | NA                               | ND(4.2)                            | NA                               |
| Thionazin   | NA                                 | NA                               | NA                                 | NA                               | NA NA                              | NA                               |
| Organochlorine Pesticides                         | 1                                  |                                  | 1                                  |                                  | <u></u>                            |                                  |
| 4,4'-DDD  | NA NA                              | NA                               | NA NA                              | NA                               | NA NA                              | NA                               |
| 4,4'-DDE  | NA NA                              | NA NA                            | NA NA                              | NA NA                            | NA NA                              | NA NA                            |
| 4.4'-DDT  | NA NA                              | NA NA                            | NA NA                              | NA NA                            | NA NA                              | NA                               |
| Aldrin  | NA NA                              | NA NA                            | NA NA                              | NA NA                            | NA NA                              | NA NA                            |
| Alpha-BHC   | NA NA                              | NA NA                            | NA NA                              | NA NA                            | NA NA                              | NA NA                            |
| Beta-BHC  | NA NA                              | NA NA                            | NA NA                              | NA NA                            | NA NA                              | NA NA                            |
| Delta-BHC   | NA NA                              | NA NA                            | NA NA                              | NA NA                            | NA NA                              | NA NA                            |
| Dieldrin  | NA NA                              | NA NA                            | NA NA                              | NA NA                            | NA NA                              | NA NA                            |
| Endosulfan I                                      | NA NA                              | NA NA                            | NA NA                              | NA NA                            | NA NA                              | NA NA                            |
| Endosulfan II                                     | NA NA                              | NA NA                            | NA NA                              | NA NA                            | NA NA                              | NA NA                            |
| Endosulfan Sulfate                                | NA NA                              | NA NA                            | NA NA                              | NA NA                            | NA NA                              | NA NA                            |
| Endrin  | NA NA                              | NA NA                            | NA NA                              | NA NA                            | NA NA                              | NA NA                            |
| Endrin Aldehyde                                   | NA NA                              | NA NA                            | NA NA                              | NA NA                            | NA NA                              | NA NA                            |
|   | NA NA                              | NA NA                            | NA NA                              | NA NA                            | NA NA                              | NA NA                            |
| Gamma-BHC (Lindane)                               | NA NA                              | NA NA                            | NA NA                              | NA NA                            | NA NA                              | NA NA                            |
| Heptachlor  | NA NA                              | NA<br>NA                         | NA NA                              | NA NA                            | NA NA                              | NA NA                            |
| Heptachlor Epoxide                                | NA NA                              | NA NA                            | NA NA                              | NA NA                            | NA NA                              | NA NA                            |
| Kepone  | NA NA                              | NA NA                            | NA NA                              | NA NA                            | NA NA                              | NA NA                            |
| Methoxychlor                                      | NA NA                              | NA<br>NA                         | NA NA                              | NA NA                            | NA .                               | NA NA                            |
| Technical Chlordane                               | NA<br>NA                           | NA<br>NA                         | NA NA                              | NA NA                            | NA NA                              | NA NA                            |
| Toxaphene   | INA                                | 1474                             | 1 11/4                             | 170                              | 1973                               |                                  |
| Organophosphate Pesticides                        | 1 310                              | i NiA                            | I NIA                              | NA NA                            | NA NA                              | NA NA                            |
| Dimethoate  | NA NA                              | NA NA                            | NA<br>NA                           | NA<br>NA                         | NA NA                              | NA NA                            |
| Disulfoton  | NA NA                              | NA<br>NA                         |                                    |                                  | NA NA                              | NA<br>NA                         |
| Ethyl Parathion                                   | NA NA                              | NA NA                            | NA<br>NA                           | NA NA                            | NA<br>NA                           | NA<br>NA                         |
| Famphur   | NA NA                              | NA<br>NA                         | NA<br>NA                           | NA<br>NA                         |                                    | NA<br>NA                         |
| Methyl Parathion                                  | NA NA                              | NA NA                            | NA<br>NA                           | NA<br>NA                         | NA<br>NA                           | NA<br>NA                         |
| Phorate   | NA NA                              | NA NA                            | NA<br>NA                           | NA<br>NA                         | NA NA                              | NA<br>NA                         |
| Sulfotep  | NA NA                              | NA NA                            | IVA                                | INA                              | I INA                              | IVA                              |
| Herbicides  |                                    | ,                                | T                                  |                                  |                                    | T                                |
| 2,4,5-T   | NA                                 | NA NA                            | NA NA                              | NA NA                            | NA NA                              | NA NA                            |
| 2,4,5-TP  | NA NA                              | NA NA                            | NA NA                              | NA NA                            | NA NA                              | NA NA                            |
| 2,4-D   | NA NA                              | NA NA                            | NA NA                              | NA NA                            | NA NA                              | NA NA                            |
| Dinoseb   | ND(0.83)                           | NA                               | ND(0.97)                           | NA NA                            | ND(4.2)                            | NA NA                            |
| Furans  |                                    | <del>,</del>                     | <del></del>                        | Y                                |                                    | ,                                |
| 2,3,7,8-TCDF                                      | 0.000013 Y                         | NA NA                            | ND(0.00000039)                     | NA NA                            | 0.00015 Y                          | NA NA                            |
| TCDFs (total)                                     | 0.00013                            | NA NA                            | ND(0.0000023)                      | NA NA                            | 0.0014                             | NA NA                            |
| 1,2,3,7,8-PeCDF                                   | 0.0000091                          | NA NA                            | ND(0.00000058)                     | NA NA                            | 0.000053                           | NA NA                            |
| 2,3,4,7,8-PeCDF                                   | 0.000012                           | NA NA                            | ND(0.00000062)                     | NA NA                            | 0.000070                           | NA NA                            |
| PeCDFs (total)                                    | 0.00014                            | NA.                              | ND(0.0000041)                      | NA NA                            | 0.0012                             | NA NA                            |
| 1,2,3,4,7,8-HxCDF                                 | 0.000031                           | NA NA                            | ND(0.00000074)                     | NA NA                            | 0.00026                            | NA                               |
| 1,2,3,6,7,8-HxCDF                                 | 0.000016                           | NA NA                            | ND(0.00000079)                     | NA NA                            | 0.00014                            | NA                               |
| 1,2,3,7,8,9-HxCDF                                 | ND(0.00000052)                     | NA NA                            | ND(0.00000031)                     | NA                               | 0.0000044 J                        | NA                               |
| 2,3,4,6,7,8-HxCDF                                 | 0.0000042 J                        | NA NA                            | ND(0.00000025)                     | NA NA                            | 0.000029                           | NA NA                            |
| HxCDFs (total)                                    | 0.00012                            | NA NA                            | ND(0.00000079)                     | NA                               | 0.0011                             | NA                               |
| 1,2,3,4,6,7,8-HpCDF                               | 0.000033                           | NA NA                            | ND(0.00000030)                     | NA.                              | 0.00027                            | NA                               |
| 1,2,3,4,7,8,9-HpCDF                               | 0.0000083                          | NA NA                            | ND(0.00000025)                     | NA.                              | 0.000096                           | NA                               |
|   | 0.000064                           | NA NA                            | ND(0.00000030)                     | NA.                              | 0.00052                            | NA                               |
| HpCDFs (total)                                    | 0.00000                            |                                  |                                    |                                  |                                    |                                  |

| Location ID:<br>Sample ID:<br>Sample Depth(Feet); | N2SC-04<br>N2SC-04-CS1015<br>10-15 | N2SC-04<br>N2SC-04-SS09<br>14-15 | N2SC-05<br>N2SC-05-CS1015<br>10-15 | N2SC-05<br>N2SC-05-SS08<br>12-14 | N2SC-06<br>N2SC-06-CS1015<br>10-15 | N2SC-06<br>N2SC-06-SS09<br>14-15 |
|---|------------------------------------|----------------------------------|------------------------------------|----------------------------------|------------------------------------|----------------------------------|
| Parameter Date Collected:                         | 11/04/98                           | 11/04/98                         | 11/05/98                           | 11/05/98                         | 10/28/98                           | 10/28/98                         |
| Dioxins   |                                    |                                  | •                                  |                                  |                                    |                                  |
| 2,3,7,8-TCDD                                      | 0.00000069 J                       | NA                               | ND(0.00000033)                     | NA                               | ND(0.0000012)                      | NA                               |
| TCDDs (total)                                     | 0.0000036                          | NA NA                            | ND(0.00000033)                     | NA NA                            | 0.000024                           | NA NA                            |
| 1,2,3,7,8-PeCDD                                   | ND(0.0000011)                      | NA                               | ND(0.00000059)                     | NA NA                            | ND(0.000026)                       | NA NA                            |
| PeCDDs (total)                                    | ND(0.0000046)                      | NA                               | ND(0.0000022)                      | NA NA                            | 0.0000048                          | NA NA                            |
| 1,2,3,4,7,8-HxCDD                                 | ND(0.00000071)                     | NA                               | ND(0.00000052)                     | NA NA                            | ND(0.0000019)                      | NA NA                            |
| 1,2,3,6,7,8-HxCDD                                 | ND(0.0000019)                      | NA                               | ND(0.00000046)                     | NA                               | 0.0000041 J                        | NA NA                            |
| 1,2,3,7,8,9-HxCDD                                 | ND(0.0000016)                      | . NA                             | ND(0.00000050)                     | NA NA                            | 0.0000075                          | NA NA                            |
| HxCDDs (total)                                    | 0.0000077                          | NA                               | ND(0.00000052)                     | NA NA                            | 0.000059                           | NA                               |
| 1,2,3,4,6,7,8-HpCDD                               | 0.0000048 J                        | NA                               | ND(0.00000043)                     | NA                               | 0.000029                           | NA NA                            |
| HpCDDs (total)                                    | 0.000011                           | NA                               | ND(0.00000043)                     | NA                               | 0.000064                           | NA NA                            |
| OCDD  | 0.000012 J                         | NA                               | ND(0.0000024)                      | NA NA                            | 0.000090                           | NA NA                            |
| Total TEQs (WHO TEFs)                             | 0.000015                           | NA                               | 0.0000083                          | NA                               | 0.00010                            | NA                               |
| Inorganics  |                                    |                                  |                                    |                                  |                                    |                                  |
| Aluminum  | NA .                               | NA                               | NA                                 | NA                               | NA NA                              | NA                               |
| Antimony  | 0.250 B                            | NA                               | 0.350 B                            | NA                               | 0.730 B                            | NA                               |
| Arsenic   | 1.30                               | NA                               | 1,40 B                             | NA NA                            | 2.40                               | NA NA                            |
| Barium  | 323                                | NA                               | 21.2 B                             | NA NA                            | 43.8                               | NA                               |
| Beryllium   | 0.170 B                            | NA                               | 0.220 B                            | NA                               | 0.260 B                            | NA NA                            |
| Cadmium   | 0.0410 B                           | NA                               | 0.0590 B                           | NA                               | 0.390 B                            | NA                               |
| Calcium   | NA                                 | NA                               | NA NA                              | NA                               | NA NA                              | NA NA                            |
| Chromium  | 6.50                               | NA                               | 7.50                               | NA                               | 12.6                               | NA NA                            |
| Cobalt  | 6.00 B                             | NA                               | 6.60 B                             | NA                               | 8.60                               | NA NA                            |
| Copper  | 9.10                               | NA                               | 8.20                               | NA NA                            | 167                                | NA                               |
| Cyanide   | ND(3.10)                           | NA                               | ND(3.70)                           | NA NA                            | ND(3.20)                           | NA                               |
| Iron .  | NA                                 | NA                               | NA                                 | NA                               | NA NA                              | NA NA                            |
| Lead  | 117                                | NA                               | 4.10                               | NA.                              | 94.5                               | NA NA                            |
| Magnesium   | NA                                 | NA                               | NA                                 | NA                               | NA NA                              | NA NA                            |
| Manganese   | NA                                 | NA                               | NA                                 | NA                               | NA                                 | NA                               |
| Mercury   | 0.0260 B                           | NA                               | 0.0240 B                           | NA                               | 0.210                              | NA                               |
| Nickel  | 8.40                               | NA                               | 9.60                               | NA                               | 13.0                               | NA                               |
| Potassium   | NA                                 | NA                               | NA                                 | NA                               | NA NA                              | NA                               |
| Selenium  | ND(0.630)                          | NA                               | 0.540 B                            | NA                               | 0.300 B                            | NA NA                            |
| Silver  | ND(1.30)                           | NA                               | ND(1.50)                           | NA                               | 0.0900 B                           | NA NA                            |
| Sodium  | NA                                 | NA                               | NA NA                              | NA                               | NA                                 | NA NA                            |
| Sulfide   | 811                                | NA                               | 539                                | NA                               | ND(252)                            | NA NA                            |
| Thallium  | ND(1.30)                           | NA                               | 0.840 B                            | NA                               | 1.20 B                             | NA NA                            |
| Tin   | ND(12.5)                           | NA                               | ND(14.7)                           | NA                               | 13.3                               | NA NA                            |
| Vanadium  | 5.70 B                             | NA                               | 7.00 B                             | NA                               | 9.70                               | NA NA                            |
| Zinc  | 61.7                               | NA                               | 41.6                               | NA NA                            | 201                                | NA NA                            |
| Conventional Parameters                           |                                    |                                  |                                    |                                  |                                    |                                  |
| Total Phenois                                     | NA                                 | NA                               | NA                                 | NA                               | NA I                               | NA                               |

### PRE-DESIGN INVESTIGATION REPORT FOR THE NEWELL STREET AREA II REMOVAL ACTION GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

| Location ID:<br>Sample ID:<br>Sample Depth(Feet):  | N2SC-07<br>N2SC-07-CS1015<br>10-15 | N2SC-07<br>N2SC-07-SS09<br>14-15 | N2SC-08<br>N2SC-08-CS0610<br>6-10 | N2SC-08<br>N2SC-08-SS06<br>8-10 | N2SC-09<br>N2SC-09-CS1015<br>10-15 | N2SC-09<br>N2SC-09-SS09<br>8-10 |
|--|------------------------------------|----------------------------------|-----------------------------------|---------------------------------|------------------------------------|---------------------------------|
| Parameter Date Collected:                          | 11/06/98                           | 11/06/98                         | 04/02/99                          | 04/02/99                        | 04/01/99                           | 04/01/99                        |
| Volatile Organics                                  |                                    |                                  |                                   |                                 |                                    |                                 |
| 1,1,1,2-Tetrachloroethane                          | NA NA                              | ND(0.011)                        | NA NA                             | ND(0.0050)                      | NA NA                              | ND(0.0051)                      |
| 1,1,1-trichloro-2,2,2-trifluoroethane              | NA NA                              | NA<br>NA                         | NA NA                             | NA<br>ND(0.0050)                | NA<br>NA                           | NA<br>ND(0.0051)                |
| 1,1,1-Trichloroethane<br>1,1,2,2-Tetrachloroethane | NA<br>NA                           | ND(0.011)<br>ND(0.011)           | NA<br>NA                          | ND(0.0050)                      | NA NA                              | ND(0.0051)                      |
| 1,1,2,2+Tetrachioroethane                          | NA NA                              | NA NA                            | NA NA                             | NA                              | NA NA                              | NA NA                           |
| 1,1,2-Trichloroethane                              | NA NA                              | ND(0.011)                        | NA NA                             | ND(0.0050)                      | NA                                 | ND(0.0051)                      |
| 1,1-Dichloroethane                                 | NA NA                              | ND(0.011)                        | NA NA                             | ND(0.0050)                      | NA                                 | ND(0.0051)                      |
| 1,1-Dichloroethene                                 | NA                                 | ND(0.011)                        | NA                                | ND(0.0050)                      | NA NA                              | ND(0.0051)                      |
| 1,2,3-Trichloropropane                             | NA NA                              | ND(0.011)                        | NA NA                             | ND(0.0050)                      | NA NA                              | ND(0.0051)                      |
| 1,2-Dibromo-3-chloropropane                        | NA NA                              | ND(0.022)                        | NA NA                             | ND(0.0050)<br>ND(0.0050)        | NA<br>NA                           | ND(0.0051)<br>ND(0.0051)        |
| 1,2-Dibromoethane                                  | NA<br>NA                           | ND(0.011)                        | NA<br>NA                          | ND(0.0050)<br>ND(0.0050)        | NA<br>NA                           | ND(0.0051)                      |
| 1,2-Dichloroethane 1,2-Dichloroethene (total)      | NA NA                              | ND(0.011)<br>NA                  | NA NA                             | NA NA                           | NA NA                              | NA                              |
| 1,2-Dichloropropane                                | NA NA                              | ND(0.011)                        | NA NA                             | ND(0.0050)                      | NA NA                              | ND(0.0051)                      |
| 1,4-Dioxane  | NA NA                              | ND(1,1)                          | NA NA                             | ND(0.20)                        | NA                                 | ND(0.20)                        |
| 2-Butanone   | NA                                 | ND(0.044)                        | NA NA                             | ND(0.10)                        | NA                                 | ND(0.10)                        |
| 2-Chloro-1,3-butadiene                             | NA NA                              | ND(0.011)                        | NA NA                             | ND(0.0050)                      | NA NA                              | ND(0.0051)                      |
| 2-Chloroethylvinylether                            | NA                                 | ND(0.11)                         | NA NA                             | ND(0.0050)                      | NA NA                              | ND(0.0051)                      |
| 2-Hexanone   | NA                                 | ND(0.044)                        | NA<br>NA                          | ND(0.010)                       | NA<br>NA                           | ND(0.010)<br>ND(0.010)          |
| 3-Chloropropene                                    | NA<br>NA                           | ND(0.022)                        | NA<br>NA                          | ND(0.010)                       | NA NA                              | ND(0.010)<br>ND(0.010)          |
| 4-Methyl-2-pentanone<br>Acetone                    | NA<br>NA                           | ND(0.044)<br>0.13                | NA<br>NA                          | ND(0.010)<br>ND(0.10)           | NA NA                              | ND(0.010)<br>ND(0.10)           |
| Acetonitrile                                       | NA<br>NA                           | ND(0.22)                         | NA NA                             | ND(0.10)                        | NA NA                              | ND(0.10)                        |
| Acrolein   | NA NA                              | ND(0.22)                         | NA NA                             | ND(0.10)                        | NA NA                              | ND(0.10)                        |
| Acrylonitrile                                      | NA NA                              | ND(0.22)                         | NA NA                             | ND(0.010)                       | NA                                 | ND(0.010)                       |
| Benzene  | NA NA                              | 0.0043 J                         | NA NA                             | ND(0.0050)                      | NA                                 | 0.20                            |
| Bromodichloromethane                               | NA NA                              | ND(0.011)                        | NA                                | ND(0.0050)                      | NA                                 | ND(0.0051)                      |
| Bromoform  | NA NA                              | ND(0.011)                        | NA                                | ND(0.0050)                      | NA                                 | ND(0.0051)                      |
| Bromomethane                                       | NA NA                              | ND(0.022)                        | NA NA                             | ND(0.010)                       | NA ·                               | ND(0.010)                       |
| Carbon Disulfide                                   | NA NA                              | ND(0.011)                        | NA<br>NA                          | ND(0.010)<br>ND(0.0050)         | NA<br>NA                           | ND(0.010)<br>ND(0.0051)         |
| Carbon Tetrachloride                               | NA<br>NA                           | ND(0.011)<br>0.16                | NA<br>NA                          | ND(0.0050)                      | NA NA                              | 1.3 E                           |
| Chlorobenzene<br>Chloroethane                      | NA NA                              | ND(0.022)                        | NA NA                             | ND(0.010)                       | NA NA                              | ND(0.010)                       |
| Chloroform   | NA NA                              | ND(0.011)                        | NA NA                             | ND(0.0050)                      | NA NA                              | ND(0.0051)                      |
| Chloromethane                                      | NA NA                              | ND(0.022)                        | NA NA                             | ND(0.010)                       | NA                                 | ND(0.010)                       |
| cis-1,2-Dichloroethene                             | NA NA                              | 0.11                             | NA NA                             | NA NA                           | NA NA                              | NA NA                           |
| cis-1,3-Dichloropropene                            | NA NA                              | ND(0.011)                        | NA NA                             | ND(0.0050)                      | NA NA                              | ND(0.0051)                      |
| cis-1,4-Dichloro-2-butene                          | NA NA                              | NA NA                            | NA NA                             | NA NA                           | NA NA                              | NA<br>NA                        |
| Crotonaldehyde                                     | NA NA                              | NA<br>ND(0.011)                  | NA<br>NA                          | NA<br>ND(0.0050)                | NA<br>NA                           | NA<br>ND(0.0051)                |
| Dibromochloromethane Dibromomethane                | NA<br>NA                           | ND(0.011)                        | NA NA                             | ND(0.0050)                      | NA NA                              | ND(0.0051)                      |
| Dichlorodifluoromethane                            | NA NA                              | ND(0.022)                        | I NA                              | ND(0.000)                       | NA NA                              | ND(0.010)                       |
| Ethyl Methacrylate                                 | NA NA                              | ND(0.011)                        | NA NA                             | ND(0.010)                       | NA NA                              | ND(0.010)                       |
| Ethylbenzene                                       | NA NA                              | ND(0.011)                        | NA NA                             | ND(0.0050)                      | NA NA                              | 0.19                            |
| lodomethane  | NA                                 | ND(0.011)                        | NA NA                             | ND(0.0050)                      | NA                                 | ND(0.0051)                      |
| Isobutanol   | NA NA                              | ND(0.44)                         | NA NA                             | ND(0.20)                        | NA NA                              | ND(0.20)                        |
| m&p-Xylene   | NA NA                              | NA NA                            | NA NA                             | NA<br>NA                        | NA<br>NA                           | NA<br>NDVO 0463                 |
| Methacrylonitrile                                  | NA NA                              | ND(0.011)                        | NA<br>NA                          | ND(0.010)<br>ND(0.010)          | NA<br>NA                           | ND(0.010)<br>ND(0.010)          |
| Methyl Methacrylate                                | NA<br>NA                           | ND(0.011)<br>ND(0.011)           | NA NA                             | ND(0.010)                       | NA<br>NA                           | ND(0.010)<br>ND(0.0051)         |
| Methylene Chloride Pentachloroethane               | NA NA                              | NA                               | NA NA                             | NA NA                           | NA NA                              | NA NA                           |
| Propionitrile                                      | NA NA                              | ND(0.044)                        | T NA                              | ND(0.050)                       | NA NA                              | ND(0.050)                       |
| Pyridine   | NA NA                              | NA NA                            | NA NA                             | NA NA                           | NA NA                              | NA NA                           |
| Styrene  | NA NA                              | ND(0.011)                        | NA NA                             | ND(0.0050)                      | NA                                 | ND(0.0051)                      |
| Tetrachioroethene                                  | NA                                 | ND(0.011)                        | NA NA                             | ND(0.0050)                      | NA NA                              | ND(0.0051)                      |
| Toluene  | NA                                 | 0.0042 J                         | NA NA                             | ND(0.0050)                      | NA NA                              | 0.020                           |
| trans-1,2-Dichloroethene                           | NA NA                              | ND(0.0056)                       | NA NA                             | ND(0.0050)                      | NA NA                              | ND(0.0051)                      |
| trans-1,3-Dichloropropene                          | NA NA                              | ND(0.011)                        | NA NA                             | ND(0.0050)                      | NA<br>NA                           | ND(0.0051)                      |
| trans-1,4-Dichloro-2-butene                        | NA<br>NA                           | ND(0.011)                        | NA<br>NA                          | ND(0.010)<br>0.013              | NA<br>NA                           | ND(0.010)<br>ND(0.0051)         |
| Trichloroethene                                    | NA<br>NA                           | ND(0.011)<br>ND(0.022)           | NA NA                             | ND(0.0050)                      | NA NA                              | ND(0.0051)                      |
| Trichlorofiuoromethane Vinyl Acetate               | NA NA                              | ND(0.022)                        | NA NA                             | ND(0.010)                       | NA NA                              | ND(0.010)                       |
| Vinyl Chloride                                     | T NA                               | 0.031                            | NA NA                             | ND(0.010)                       | NA NA                              | ND(0.010)                       |
| Xylenes (total)                                    | NA NA                              | ND(0.011)                        | NA NA                             | ND(0.0050)                      | NA NA                              | 1.9 E                           |

| Location ID:<br>Sample ID:<br>Sample Depth(Feet): | N2SC-07-CS1015       | N2SC-07<br>N2SC-07-SS09<br>14-15 | N2SC-08<br>N2SC-08-CS0610<br>6-10      | N2SC-08<br>N2SC-08-SS06<br>8-10        | N2SC-09<br>N2SC-09-CS1015<br>10-15 | N2SC-09<br>N2SC-09-SS09<br>8-10 |
|---|----------------------|----------------------------------|--|--|------------------------------------|---------------------------------|
| Parameter Date Collected:                         |                      | 11/06/98                         | 04/02/99                               | 04/02/99                               | 04/01/99                           | 04/01/99                        |
| Semivolatile Organics                             |                      |                                  |  |  |                                    |                                 |
| 1,2,3,4-Tetrachlorobenzene                        | NA .                 | NA                               | NA                                     | NA                                     | NA NA                              | NA NA                           |
| 1,2,3,5-Tetrachlorobenzene                        | NA NA                | NA                               | NA NA                                  | NA                                     | NA NA                              | NA NA                           |
| 1,2,3-Trichlorobenzene                            | NA NA                | NA                               | NA NA                                  | NA                                     | NA NA                              | NA NA                           |
| 1,2,4,5-Tetrachlorobenzene                        | ND(0.44)             | NA                               | NA NA                                  | NA                                     | ND(0.47)                           | NA NA                           |
| 1,2,4-Trichlorobenzene                            | ND(0.44)             | NA                               | NA NA                                  | NA NA                                  | 3.7                                | NA                              |
| 1,2-Dichlorobenzene                               | ND(0.44)             | NA                               | NA NA                                  | NA NA                                  | ND(0.47)                           | NA NA                           |
| 1,2-Diphenylhydrazine                             | ND(0.44)             | NA                               | NA NA                                  | NA                                     | ND(0.47)                           | NA NA                           |
| 1,3,5-Trichlorobenzene                            | NA NA                | NA                               | NA NA                                  | NA NA                                  | NA NA                              | NA NA                           |
| 1,3,5-Trinitrobenzene                             | ND(2.1)              | NA                               | NA NA                                  | NA                                     | ND(0.93)                           | NA NA                           |
| 1,3-Dichlorobenzene                               | ND(0.44)             | NA                               | NA NA                                  | NA NA                                  | 0.57                               | NA NA                           |
| 1,3-Dinitrobenzene                                | ND(0.44)             | NA NA                            | NA NA                                  | NA NA                                  | ND(2.3)                            | NA NA                           |
| 1,4-Dichlorobenzene                               | ND(0.44)             | NA NA                            | NA NA                                  | NA NA                                  | 3.0<br>NA                          | NA NA                           |
| 1,4-Dinitrobenzene                                | NA NA                | NA .                             | NA NA                                  | NA NA                                  |                                    | NA<br>NA                        |
| 1,4-Naphthoquinone                                | ND(2.1)              | NA<br>NA                         | NA<br>NA                               | NA<br>NA                               | ND(2.3)                            | NA<br>NA                        |
| 1-Chloronaphthalene                               | NA<br>NA             | NA<br>NA                         | NA<br>NA                               | NA<br>NA                               | NA<br>NA                           | NA<br>NA                        |
| 1-Methylnaphthalene<br>11-Naphthylamine           | NA<br>ND(0.44)       | NA<br>NA                         | NA<br>NA                               | NA<br>NA                               | ND(2.3)                            | NA<br>NA                        |
| 2,3,4,6-Tetrachlorophenol                         | ND(0.44)<br>ND(0.44) | NA<br>NA                         | NA<br>NA                               | NA<br>NA                               | ND(0.47)                           | NA NA                           |
| 2,4,5-Trichtorophenol                             | ND(0.44)<br>ND(0.44) | NA<br>NA                         | NA<br>NA                               | NA<br>NA                               | ND(0.47)                           | NA<br>NA                        |
| 2.4.5-Trichlorophenol                             | ND(0.44)             | NA<br>NA                         | NA<br>NA                               | NA NA                                  | ND(0.47)<br>ND(0.47)               | NA NA                           |
| 2,4-Dichlorophenol                                | ND(0.44)             | NA NA                            | NA NA                                  | NA NA                                  | ND(0.47)                           | NA NA                           |
| 2.4-Dimethylphenol                                | ND(0.44)             | NA NA                            | NA NA                                  | NA NA                                  | ND(0.47)                           | NA NA                           |
| 2,4-Dinitrophenol                                 | ND(2.1)              | NA NA                            | NA NA                                  | NA NA                                  | ND(2.3)                            | NA NA                           |
| 2,4-Dinitrotoluene                                | ND(0.44)             | NA NA                            | NA NA                                  | NA NA                                  | ND(2.3)                            | NA NA                           |
| 2,6-Dichlorophenol                                | ND(0.44)             | NA NA                            | NA NA                                  | NA NA                                  | ND(0.47)                           | . NA                            |
| 2.6-Dinitrotoluene                                | ND(0.44)             | NA NA                            | NA NA                                  | NA NA                                  | ND(0.47)                           | NA NA                           |
| 2-Acetylaminofluorene                             | ND(0.87)             | NA NA                            | NA NA                                  | NA NA                                  | ND(0.93)                           | . NA                            |
| 2-Chloronaphthalene                               | ND(0.44)             | NA.                              | NA NA                                  | NA NA                                  | ND(0.47)                           | NA                              |
| 2-Chlorophenol                                    | ND(0.44)             | NA NA                            | NA NA                                  | NA                                     | ND(0.47)                           | NA                              |
| 2-Methylnaphthalene                               | ND(0.44)             | NA                               | NA NA                                  | NA                                     | ND(0.47)                           | NA                              |
| 2-Methylphenol                                    | ND(0.44)             | NA                               | NA NA                                  | NA                                     | ND(0.47)                           | NA                              |
| 2-Naphthylamine                                   | ND(0.44)             | NA                               | NA NA                                  | NA NA                                  | ND(2.3)                            | NA                              |
| 2-Nitroanitine                                    | ND(2.1)              | NA                               | NA NA                                  | NA NA                                  | ND(2.3)                            | NA                              |
| 2-Nitrophenol                                     | ND(0.44)             | NA                               | NA NA                                  | NA                                     | ND(0.93)                           | NA                              |
| 2-Phenylenediamine                                | NA NA                | NA                               | NA NA                                  | NA                                     | NA NA                              | NA NA                           |
| 2-Picoline  | ND(0.87)             | NA                               | NA NA                                  | NA                                     | ND(0.47)                           | NA                              |
| 3&4-Methylphenol                                  | ND(0.44)             | NA                               | NA NA                                  | NA                                     | ND(0.93)                           | NA                              |
| 3,3'-Dichlorobenzidine                            | ND(2.1)              | NA NA                            | NA NA                                  | NA NA                                  | ND(2.3)                            | NA NA                           |
| 3,3'-Dimethoxybenzidine                           | NA NA                | NA NA                            | NA NA                                  | NA NA                                  | NA NA                              | NA                              |
| 3,3'-Dimethylbenzidine                            | ND(2.1)              | NA                               | NA NA                                  | NA NA                                  | ND(2.3)                            | NA                              |
| 3-Methylcholanthrene                              | ND(0.87)             | NA NA                            | NA NA                                  | NA                                     | ND(0.93)                           | NA NA                           |
| 3-Methylphenol                                    | NA NA                | NA NA                            | NA NA                                  | NA NA                                  | NA NA                              | NA NA                           |
| 3-Nitroaniline                                    | ND(2.1)              | NA NA                            | NA NA                                  | NA NA                                  | ND(2.3)                            | NA NA                           |
| 3-Phenylenediamine                                | NA NA                | NA<br>NA                         | NA<br>NA                               | NA<br>NA                               | NA<br>NA                           | NA<br>NA                        |
| 4.4'-Methylene-bis(2-chloroaniline)               | NA<br>ND(2.1)        | NA<br>NA                         | NA<br>NA                               | NA<br>NA                               | NA<br>ND(0.47)                     | NA<br>NA                        |
| 4,6-Dinitro-2-methylphenol                        | ND(2.1)              | NA<br>NA                         | NA NA                                  | NA NA                                  | ND(0.47)                           | NA NA                           |
| 4-Aminobiphenyl                                   | ND(2.1)              | NA<br>NA                         | NA<br>NA                               | NA<br>NA                               | ND(0.93)                           | NA<br>NA                        |
| 4-Bromophenyl-phenylether                         | ND(0.44)<br>ND(0.44) | NA<br>NA                         | NA<br>NA                               | NA<br>NA                               | ND(0.47)<br>ND(0.47)               | NA<br>NA                        |
| 4-Chioro-3-Methylphenol<br>4-Chioroaniline        | ND(0.44)<br>ND(0.44) | NA<br>NA                         | NA NA                                  | NA<br>NA                               | ND(0.47)<br>ND(0.93)               | NA<br>NA                        |
| 4-Chlorobenzilate                                 | ND(0.44)             | NA NA                            | NA NA                                  | NA NA                                  | ND(0.93)<br>ND(2.3)                | NA NA                           |
| 4-Chlorophenyl-phenylether                        | ND(0.44)             | NA<br>NA                         | NA NA                                  | NA NA                                  | ND(0.47)                           | NA NA                           |
| 4-Methylphenol                                    | NA NA                | NA NA                            | NA NA                                  | NA NA                                  | NA NA                              | NA NA                           |
| 4-Nitroaniline                                    | ND(2.1)              | NA NA                            | NA NA                                  | NA NA                                  | ND(2.3)                            | NA NA                           |
| 4-Nitrophenol                                     | ND(2.1)              | NA NA                            | NA NA                                  | NA NA                                  | ND(2.3)                            | NA NA                           |
| 4-Nitroguinoline-1-oxide                          | ND(4.4)              | NA NA                            | NA NA                                  | NA NA                                  | ND(2.3)                            | NA NA                           |
| 4-Phenylenediamine                                | ND(4.4)              | NA.                              | NA NA                                  | NA NA                                  | ND(2.3)                            | NA NA                           |
| 5-Nitro-o-toluidine                               | ND(0.87)             | NA NA                            | NA NA                                  | NA NA                                  | ND(2.3)                            | NA NA                           |
| 7,12-Dimethylbenz(a)anthracene                    | ND(0.87)             | NA NA                            | NA NA                                  | NA NA                                  | ND(0.93)                           | NA NA                           |
| a,a'-Dimethylphenethylamine                       | ND(2.1)              | NA NA                            | NA NA                                  | NA NA                                  | ND(2.3)                            | NA NA                           |
| Acenaphthene                                      | ND(0.44)             | NA NA                            | NA NA                                  | NA NA                                  | ND(0.47)                           | NA.                             |
| Acenaphthylene                                    | ND(0.44)             | NA NA                            | NA NA                                  | NA NA                                  | ND(0.47)                           | NA NA                           |
| Acetophenone                                      | ND(0.44)             | NA NA                            | NA NA                                  | NA NA                                  | ND(0.47)                           | NA NA                           |
|   |                      | <u> </u>                         | ************************************** | ************************************** | L                                  |                                 |

## PRE-DESIGN INVESTIGATION REPORT FOR THE NEWELL STREET AREA II REMOVAL ACTION GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

| Location ID:<br>Sample ID:<br>Sample Depth(Feet): | N2SC-07-CS1015 | N2SC-07<br>N2SC-07-SS09<br>14-15 | N2SC-08<br>N2SC-08-CS0610<br>6-10 | N2SC-08<br>N2SC-08-SS06<br>8-10 | N2SC-09<br>N2SC-09-CS1015<br>10-15 | N2SC-09<br>N2SC-09-SS09<br>8-10 |
|---|----------------|----------------------------------|-----------------------------------|---------------------------------|------------------------------------|---------------------------------|
| Parameter Date Collected:                         | 11/06/98       | 11/06/98                         | 04/02/99                          | 04/02/99                        | 04/01/99                           | 04/01/99                        |
| Semivolatile Organics(continued)                  |                |                                  |                                   |                                 |                                    |                                 |
| Aniline   | ND(0.44)       | NA                               | NA                                | NA                              | ND(0.47)                           | NA                              |
| Anthracene  | ND(0.44)       | NA NA                            | NA NA                             | NA NA                           | ND(0.47)                           | NA NA                           |
| Aramite   | ND(2.1)        | NA NA                            | NA NA                             | NA NA                           | ND(0.93)                           | NA NA                           |
| Benzal chloride                                   | NA NA          | NA NA                            | NA NA                             | NA NA                           | NA NA                              | NA                              |
| Benzidine   | ND(4.4)        | NA NA                            | NA NA                             | NA NA                           | ND(0.93)                           | NA NA                           |
| Benzo(a)anthracene                                | 0.037 J        | NA NA                            | NA NA                             | NA NA                           | ND(0.47)                           | NA                              |
| Benzo(a)pyrene                                    | 0.052 J        | NA NA                            | NA NA                             | NA                              | ND(0.47)                           | NA                              |
| Benzo(b)fluoranthene                              | 0.045 J        | NA NA                            | NA NA                             | NA                              | ND(0.47)                           | NA                              |
| Benzo(g,h,i)perylene                              | ND(0.44)       | NA                               | NA NA                             | NA NA                           | ND(0.47)                           | NA                              |
| Benzo(k)fluoranthene                              | ND(0.44)       | NA NA                            | NA                                | NA                              | ND(0.47)                           | NA                              |
| Benzoic Acid                                      | NA             | NA NA                            | NA                                | NA                              | NA                                 | NA                              |
| Benzotrichloride                                  | NA NA          | NA NA                            | NA NA                             | NA NA                           | NA                                 | NA                              |
| Benzyl Alcohol                                    | ND(0.44)       | NA NA                            | NA NA                             | NA                              | ND(0.93)                           | NA                              |
| Benzyl Chloride                                   | NA NA          | NA                               | NA                                | NA                              | NA NA                              | NA                              |
| bis(2-Chloroethoxy)methane                        | ND(0.44)       | NA NA                            | NA                                | NA NA                           | ND(0.47)                           | NA                              |
| bis(2-Chloroethyl)ether                           | ND(0.44)       | NA NA                            | NA NA                             | NA NA                           | ND(0.47)                           | NA                              |
| bis(2-Chloroisopropyl)ether                       | ND(0.44)       | NA NA                            | NA                                | NA NA                           | ND(0.47)                           | NA                              |
| bis(2-Ethylhexyl)phthalate                        | 0.45           | NA NA                            | NA                                | NA                              | ND(0.47)                           | NA                              |
| Butylbenzylphthalate                              | ND(0.44)       | NA NA                            | NA                                | NA                              | ND(0.93)                           | NA                              |
| Chrysene  | 0.045 J        | NA                               | NA                                | NA                              | ND(0.47)                           | NA                              |
| Cyclophosphamide                                  | NA             | NA                               | NA                                | NA                              | NA                                 | NA                              |
| Diallate  | ND(0.87)       | NA                               | NA                                | NA                              | ND(0.93)                           | NA                              |
| Dibenz(a,j)acridine                               | NA             | NA                               | NA                                | NA                              | NA .                               | NA                              |
| Dibenzo(a,h)anthracene                            | ND(0.44)       | NA NA                            | NA                                | NA                              | ND(0.93)                           | NA                              |
| Dibenzofuran                                      | ND(0.44)       | NA NA                            | NA NA                             | NA                              | ND(0.47)                           | NA                              |
| Diethylphthalate                                  | ND(0.44)       | NA NA                            | NA NA                             | NA NA                           | ND(0 47)                           | NA                              |
| Dimethylphthalate                                 | ND(0.44)       | NA                               | NA                                | NA                              | ND(0.47)                           | NA                              |
| Di-n-Butylphthalate                               | ND(0.44)       | . NA                             | NA NA                             | NA                              | ND(0.47)                           | NA                              |
| Di-n-Octylphthalate                               | ND(0.44)       | NA NA                            | NA                                | NA                              | ND(0.47)                           | NA                              |
| Dinoseb   | NΑ             | NA NA                            | NA                                | NA                              | NA                                 | NA                              |
| Diphenylamine                                     | ND(0.44)       | NA                               | NA                                | NA NA                           | ND(0.47)                           | NA                              |
| Ethyl Methanesulfonate                            | ND(0.44)       | NA                               | NA                                | NA                              | ND(0.47)                           | NA                              |
| Fluoranthene                                      | 0.044 J        | NA NA                            | NA                                | NA                              | ND(0.47)                           | NA                              |
| Fluorene  | ND(0.17)       | NA NA                            | NA                                | NA                              | ND(0.47)                           | NA                              |
| Hexachlorobenzene                                 | ND(0.44)       | NA                               | NA                                | NA                              | ND(0.47)                           | NA                              |
| Hexachlorobutadiene                               | ND(0.44)       | NA                               | NA                                | NA                              | ND(0.93)                           | NA                              |
| Hexachlorocyclopentadiene                         | ND(2.1)        | NA NA                            | NA.                               | NA                              | ND(0.47)                           | NA                              |
| Hexachloroethane                                  | ND(0.44)       | NA NA                            | NA                                | NA                              | ND(0.47)                           | NA                              |
| Hexachlorophene                                   | NA NA          | NA NA                            | NA                                | NA NA                           | ND(9.3)                            | NA                              |
| Hexachloropropene                                 | ND(1.7)        | NA NA                            | NA                                | NA                              | ND(0.47)                           | NA                              |
| Indeno(1,2,3-cd)pyrene                            | ND(0.44)       | NA                               | NA NA                             | NA                              | ND(0.93)                           | NA                              |
| Isodrin   | NA             | NA                               | NA                                | NA                              | ND(0.47)                           | NA                              |
| Isophorone  | ND(0.44)       | NA                               | NA NA                             | NA                              | ND(0.47)                           | NA                              |
| Isosafrole  | ND(0.87)       | NA                               | NA NA                             | NA NA                           | ND(0.93)                           | NA                              |
| Methapyrilene                                     | ND(2.1)        | NA NA                            | NA                                | NA NA                           | ND(2.3)                            | NA                              |
| Methyl Methanesulfonate                           | ND(0.44)       | NA NA                            | NA                                | NA                              | ND(0.47)                           | NA                              |
| Naphthalene                                       | ND(0.44)       | NA NA                            | NA NA                             | NA NA                           | ND(0.47)                           | NA NA                           |
| Nitrobenzene                                      | ND(0.44)       | NA NA                            | NA NA                             | NA NA                           | ND(0.47)                           | NA NA                           |
| N-Nitrosodiethylamine                             | ND(0.44)       | NA NA                            | NA NA                             | NA                              | ND(0.47)                           | NA NA                           |
| N-Nitrosodimethylamine                            | ND(0.44)       | NA                               | NA                                | NA                              | ND(0.93)                           | NA                              |
| N-Nitroso-di-n-butylamine                         | ND(0.44)       | NA NA                            | NA NA                             | NA NA                           | ND(0.93)                           | NA                              |
| N-Nitroso-di-n-propylamine                        | ND(0.44)       | NA NA                            | NA .                              | NA                              | ND(0.93)                           | NA                              |
| N-Nitrosodiphenylamine                            | ND(0.44)       | NA NA                            | NA                                | NA                              | ND(0.47)                           | NA                              |
| N-Nitrosomethylethylamine                         | ND(0.44)       | NA                               | NA NA                             | NA NA                           | ND(0.93)                           | NA                              |
| N-Nitrosomorpholine                               | ND(0.44)       | NA NA                            | NA NA                             | NA                              | ND(0.47)                           | NA                              |
| N-Nitrosopiperidine                               | ND(0.44)       | NA                               | NA                                | NA                              | ND(0.47)                           | NA                              |
| N-Nitrosopymolidine                               | ND(0.44)       | NA NA                            | NA NA                             | NA                              | ND(0.93)                           | NA                              |
| o,o,o-Triethylphosphorothioate                    | NA NA          | NA NA                            | NA NA                             | NA                              | ND(0.47)                           | NA                              |
| o-Toluidine                                       | ND(0.87)       | NA NA                            | NA NA                             | NA                              | ND(0.47)                           | NA                              |
| Paraldehyde                                       | NA NA          | NA                               | NA NA                             | NA                              | NA                                 | NA                              |
| p-Dimethylaminoazobenzene                         | ND(0.87)       | NA NA                            | NA                                | NA                              | ND(2.3)                            | NA                              |
| Pentachlorobenzene                                | ND(0.44)       | NA                               | NA NA                             | NA                              | ND(0.47)                           | NA                              |
| Pentachloroethane                                 | ND(2.1)        | NA NA                            | NA NA                             | NA                              | ND(0.47)                           | NA                              |
| Pentachloronitrobenzene                           | ND(2.1)        | NA                               | NA                                | NA                              | ND(2.3)                            | NA                              |

## PRE-DESIGN INVESTIGATION REPORT FOR THE NEWELL STREET AREA II REMOVAL ACTION GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

| and the state of t | Location ID:                            | N2SC-07           | N2SC-07           | N2SC-08          | N2SC-08          | N2SC-09                 | N2SC-09                                 |
|--|---|-------------------|-------------------|------------------|------------------|-------------------------|---|
|  | Sample ID:                              | N2SC-07-CS1015    | N2SC-07-SS09      | N2SC-08-CS0610   | N2SC-08-SS06     | N2SC-09-CS1015<br>10-15 | N2SC-09-SS09<br>8-10                    |
| Parameter  | Sample Depth(Feet):<br>Date Collected:  | 10-15<br>11/06/98 | 14-15<br>11/06/98 | 6-10<br>04/02/99 | 8-10<br>04/02/99 | 04/01/99                | 8-10<br>04/01/99                        |
| Semivolatile   | Organics(continued)                     |                   |                   |                  |                  |                         |   |
| Pentachloroph  | eno                                     | ND(2.1)           | NA                | NA               | NA NA            | ND(2.3)                 | NA                                      |
| Phenacetin   | *************************************** | ND(0.87)          | NA                | NA               | NA NA            | ND(2.3)                 | NA                                      |
| Phenanthrene   |   | 0.038 J           | NA NA             | NA               | NA NA            | ND(0.47)                | NA                                      |
| Phenol   |   | ND(0,44)          | NA                | NA               | NA               | ND(0.47)                | NA                                      |
| Pronamide  | **************************************  | ND(0.87)          | NA                | NA NA            | NA               | ND(0.47)                | NA                                      |
| Pyrene   |   | 0.072 J           | NA                | NA NA            | NA               | ND(0.47)                | NA                                      |
| Pyridine   |   | ND(0.87)          | NA                | NA               | NA               | ND(0.47)                | NA                                      |
| Safrole  | *************************************** | ND(0.87)          | NA                | NA               | NA               | ND(0.47)                | NA                                      |
| Thionazin  |   | NA                | NA                | NA               | NA               | ND(0.47)                | NA                                      |
| Organochlori   | ine Pesticides                          |                   |                   |                  | <u> </u>         | I                       |   |
| 4.4'-DDD   |   | NA                | NA                | NA NA            | NA               | NA NA                   | NA .                                    |
| 4.4'-DDE   |   | NA NA             | NA NA             | NA NA            | NA NA            | NA NA                   | NA NA                                   |
| 4,4'-DDT   |   | NA NA             | NA NA             | NA NA            | NA NA            | NA NA                   | NA<br>NA                                |
| Aldrin   |   | NA NA             | NA NA             | NA NA            | NA NA            | NA NA                   | NA NA                                   |
| Alpha-BHC  |   | NA NA             | NA NA             | NA NA            | NA NA            | NA NA                   | NA<br>NA                                |
| Beta-BHC   |   | NA NA             | NA<br>NA          | NA NA            | NA NA            | NA NA                   | NA<br>NA                                |
| Delta-BHC  |   | NA NA             | NA<br>NA          | NA NA            | NA NA            | NA NA                   | NA<br>NA                                |
| Dieldrin   |   | NA NA             | NA NA             | NA NA            | NA NA            | NA NA                   | NA<br>NA                                |
| Endosulfan I   |   | NA NA             | NA NA             | NA NA            | NA NA            | NA NA                   | NA NA                                   |
| Endosulfan II  |   | NA NA             | NA NA             | NA NA            | NA NA            | NA NA                   | NA<br>NA                                |
| Endosulfan Si  | lifato                                  | NA NA             | NA<br>NA          | NA NA            | NA NA            | NA NA                   | NA<br>NA                                |
| Endrin   | unate                                   | NA NA             | NA NA             | NA NA            | NA<br>NA         | NA NA                   |   |
| Endrin Aldehy  | do                                      | NA NA             | NA NA             | NA NA            | NA<br>NA         | NA<br>NA                | NA<br>NA                                |
| Gamma-BHC  |   | NA NA             | NA NA             | NA NA            | <u> </u>         | NA NA                   | NA<br>NA                                |
| Heptachlor   | (Linuane)                               | NA NA             | NA NA             |                  | NA<br>NA         |                         |   |
| Heptachlor Ep  | · · · · · · · · · · · · · · · · · · ·   |                   |                   | NA<br>NA         | NA<br>NA         | NA .                    | NA NA                                   |
|  | ioxide -                                | NA NA             | NA NA             | NA<br>NA         | NA<br>NA         | NA NA                   | NA NA                                   |
| Kepone   |   | , <u>NA</u>       | NA                | NA NA            | NA NA            | NA NA                   | NA NA                                   |
| Methoxychlor   |   | NA NA             | NA ·              | NA NA            | NA NA            | NA NA                   | NA NA                                   |
| Technical Chl  | ordane                                  | NA NA             | NA NA             | NA NA            | NA NA            | NA NA                   | NA NA                                   |
| Toxaphene  |   | NA                | NA                | NA               | NA NA            | NA NA                   | NA                                      |
|  | phate Pesticides                        |                   |                   |                  | y                |                         | *************************************** |
| Dimethoate   |   | NA NA             | NA NA             | NA NA            | NA NA            | NA NA                   | NA                                      |
| Disulfoton   |   | NA NA             | NA NA             | NA NA            | NA               | NA NA                   | NA                                      |
| Ethyl Parathic   | n                                       | NA                | NA                | NA               | NA NA            | NA NA                   | NA NA                                   |
| Famphur  |   | NA                | NA                | NA NA            | NA NA            | NA NA                   | NA                                      |
| Methyl Parath  | ion                                     | NA NA             | NA                | NA NA            | NA NA            | NA NA                   | NA NA                                   |
| Phorate  |   | NA NA             | NA NA             | NA NA            | NA               | NA NA                   | NA NA                                   |
| Sulfotep   |   | NA                | NA                | NA NA            | NA               | NA                      | NA                                      |
| Herbicides   |   |                   |                   |                  |                  |                         |   |
| 2,4,5-T  |   | . ŅA              | NA                | NA               | NA NA            | NA NA                   | NA                                      |
| 2,4,5-TP   |   | NA NA             | NA                | NA               | NA NA            | NA                      | NA                                      |
| 2,4-D  |   | NA                | NA NA             | NA NA            | NA NA            | NA                      | NA                                      |
| Dinoseb  |   | ND(0.87)          | NA                | NA               | NA               | NA                      | NA                                      |
| Furans   |   |                   |                   |                  |                  |                         |   |
| 2,3,7,8-TCDF   |   | 0.000022 Y        | NA                | 0.000065         | NA               | 0.0010                  | NA                                      |
| TCDFs (total)  |   | 0.00029           | NA                | 0.00055          | NA NA            | 0.0061                  | NA                                      |
| 1,2,3,7,8-PeC  | :DF                                     | 0.000022          | NA                | 0.000039         | NA NA            | 0.00052                 | NA                                      |
| 2,3,4,7,8-PeC  | DF                                      | 0.000026          | NA NA             | 0.000053         | NA NA            | 0.0018                  | NA                                      |
| PeCDFs (tota   | 1)                                      | 0.00033           | NA                | 0.00063          | NA               | 0.016                   | NA                                      |
| 1,2,3,4,7,8-H  | CDF                                     | 0.000054          | NA                | 0.00016          | NA NA            | 0.0080                  | NA                                      |
| 1,2,3,6,7,8-H  |   | 0.000041          | NA                | 0.000069         | NA NA            | 0.0035                  | NA                                      |
| 1,2,3,7,8,9-H  |   | ND(0.00000064)    | NA                | 0.000022         | NA NA            | 0.0017                  | NA                                      |
| 2,3,4,6,7,8-H  |   | 0.0000076         | NA NA             | ND(0.0000017)    | NA NA            | 0.00019                 | NA NA                                   |
| HxCDFs (tota   |   | 0.00022           | NA NA             | 0.00069          | NA NA            | 0.025                   | NA NA                                   |
| 1,2,3,4,6,7,8-   | <del></del>                             | 0.000038          | NA NA             | 0.00071          | NA NA            | 0.0031                  | NA NA                                   |
| 1,2,3,4,7,8,9-   |   | 0.000015          | NA NA             | 0.000046         | NA NA            | 0.0025                  | NA NA                                   |
| HpCDFs (tota   |   | 0.000076          | NA NA             | 0.0013           | NA NA            | 0.0023                  | NA NA                                   |
|  |   |                   |                   |                  | 1 27 7           | U. UU U 1               | 4 T/T-                                  |

|                 | Location ID:                            | N2SC-07        | N2SC-07      | N2SC-08        | N2SC-08      | N2SC-09        | N2SC-09      |
|-----------------|---|----------------|--------------|----------------|--------------|----------------|--------------|
|                 | Sample ID:                              | N2SC-07-CS1015 | N2SC-07-SS09 | N2SC-08-CS0610 | N2SC-08-SS06 | N2SC-09-CS1015 | N2SC-09-SS09 |
|                 | Sample Depth(Feet):                     | 10-15          | 14-15        | 6-10           | 8-10         | 10-15          | 8-10         |
| Parameter       | Date Collected:                         | 11/06/98       | 11/06/98     | 04/02/99       | 04/02/99     | 04/01/99       | 04/01/99     |
| Dioxins         |   |                |              |                |              |                |              |
| 2.3.7.8-TCDD    |   | ND(0.00000046) | NA           | ND(0.00000050) | NA           | 0.0000017      | NA NA        |
| TCDDs (total)   |   | 0.00000081     | NA           | ND(0.00000050) | NA NA        | 0.00024        | NA NA        |
| 1,2,3,7,8-PeCD  | D                                       | ND(0.0000011)  | NA           | ND(0.0000013)  | NA           | 0.000053       | NA           |
| PeCDDs (total)  |   | ND(0.0000038)  | NA           | ND(0.0000013)  | NA           | 0.00031        | NA           |
| 1.2.3.4.7.8-HxC | DD                                      | ND(0.00000063) | NÅ           | ND(0.0000019)  | NA           | 0.000021       | NA           |
| 1,2,3,6,7,8-HxC | OD                                      | ND(0.0000012)  | NA           | ND(0.0000022)  | NA           | 0.000047       | NA NA        |
| 1,2,3,7,8,9-HxC |   | ND(0.0000026)  | NA           | ND(0.0000020)  | NA           | 0.000034       | NA NA        |
| HxCDDs (total)  |   | 0.0000053      | NA           | ND(0.0000022)  | NA           | 0.00055        | NA           |
| 1,2,3,4,6,7,8-H | DCDD                                    | 0.0000051 J    | NA NA        | ND(0.000011)   | NA           | 0.00015        | NA NA        |
| HoCDDs (total)  |   | 0.000012       | NA           | ND(0.000011)   | NA           | 0.00045        | NA           |
| OCDD            |   | 0.000010 J     | NA           | ND(0.0000062)  | NA           | 0.00027        | NA           |
| Total TEQs (W   | HO TEFs)                                | 0.000028       | NA           | 0.000069       | NA           | 0.0025         | NA           |
| Inorganics      |   |                | <del> </del> |                |              |                |              |
| Aluminum        |   | NA             | NA           | 4430           | NA           | 5750           | NA           |
| Antimony        |   | ND(1.30)       | NA           | ND(12.7)       | NA           | ND(14.0)       | NA           |
| Arsenic         |   | 2.60           | NA           | 2.30           | NA           | 2.90           | NA           |
| Barium          |   | 15.2 B         | NA           | 15.2           | NA           | 52.2           | NA           |
| Beryllium       |   | 0.190 B        | NA NA        | ND(1.30)       | NA           | ND(1.40)       | NA           |
| Cadmium         |   | 0.0600 B       | NA           | ND(1.30)       | NA           | ND(1.40)       | NA           |
| Calcium         |   | NA NA          | NA NA        | 4510           | NA NA        | 10700          | NA           |
| Chromium        |   | 7.50           | NA NA        | 6.80           | NA           | 18.2           | NA           |
| Cobalt          |   | 7.30           | NA           | ND(12.7)       | NA-          | ND(14.0)       | NA           |
| Copper          | *************************************** | 10.5           | NA           | 14.8           | NA           | 65.4           | NA           |
| Cyanide         |   | ND(3.30)       | NA NA        | ND(1.30)       | NA           | ND(2.80)       | NA           |
| Iron            |   | NA NA          | NA           | 12100          | NA           | 12400          | NA           |
| Lead            | *                                       | 7.60           | NA           | ND(25.3)       | NA           | 30.2           | NA           |
| Magnesium       |   | NA NA          | NA           | 4260           | NA NA        | 6040           | NA           |
| Manganese       |   | NA NA          | NA           | 171            | NA           | 166            | NA           |
| Mercury         |   | 0.0200 B       | NA NA        | ND(0.250)      | NA.          | 0.220          | NA           |
| Nickel          |   | 10.5           | NA           | 13.3           | NA NA        | 14.7           | NA NA        |
| Potassium       |   | NA NA          | NA           | ND(1270)       | NA NA        | ND(1400)       | NA           |
| Selenium        |   | 0.280 B        | NA NA        | ND(1.30)       | NA           | ND(1.40)       | NA           |
| Silver          |   | ND(1.30)       | NA           | ND(2.50)       | NA           | ND(2.80)       | NA NA        |
| Sodium          |   | NA NA          | NA NA        | ND(253)        | NA           | 128            | NA           |
| Sulfide         |   | ND(265)        | NA NA        | 21.5           | NA NA        | 98.2           | NA           |
| Thallium        | **************************************  | 0.950 B        | NA NA        | ND(2.50)       | NA           | ND(2.80)       | NA NA        |
| Tin             |   | ND(13.2)       | NA           | NA NA          | NA           | NA             | NA           |
| Vanadium        |   | 6.80           | NA           | ND(12.7)       | NA           | ND(14.0)       | NA           |
| Zinc            |   | 44.5           | NA           | 37.2           | NA NA        | 210            | NA NA        |
| Conventional    | Parameters                              | 1              | <u> </u>     | <u></u>        |              |                |              |
| Total Phenois   |   | NA NA          | NA NA        | NA NA          | NA NA        | NA NA          | NA           |

| Location ID:<br>Sample ID:<br>Sample Depth(Feet): | N2SC-10<br>N2SC-10-CS1015<br>10-15 | N2SC-10<br>N2SC-10-SS07<br>10-12 | NS-1A<br>RN1AB1214<br>12-14 | NS-2A<br>RN2AB1214<br>12-14 | NS-2A<br>RN2AB1416<br>14-16 | NS-5<br>RN05B0204<br>2-4 | NS-6<br>RN06B0406<br>4-6 |
|---|------------------------------------|----------------------------------|-----------------------------|-----------------------------|-----------------------------|--------------------------|--------------------------|
| Parameter Date Collected:                         | 04/14/99                           | 04/14/99                         | 05/23/91                    | 11/12/91                    | 11/12/91                    | 05/22/91                 | 11/12/91                 |
| Volatile Organics                                 |                                    |                                  |                             |                             |                             |                          |                          |
| 1,1,1,2-Tetrachioroethane                         | NA                                 | ND(0.0050)                       | NA                          | ND(0.0060)                  | ND(0.0060)                  | ND(0.0050)               | ND(0.0060)               |
| 1,1,1-trichloro-2,2,2-trifluoroethane             | NA NA                              | NA                               | NA                          | ND(0.0060)                  | ND(0.013)                   | ND(0.011)                | ND(0.011)                |
| 1,1,1-Trichloroethane                             | NA NA                              | ND(0.0050)                       | NA                          | ND(0.012)                   | ND(0.0060)                  | ND(0.0050)               | ND(0.0060)               |
| 1,1,2,2-Tetrachloroethane                         | NA                                 | ND(0.0050)                       | NA                          | ND(0.012)                   | ND(0.013)                   | ND(0.011)                | ND(0.011)                |
| 1,1,2-trichloro-1,2,2-trifluoroethane             | NA NA                              | NA                               | NA NA                       | ND(0.0060)                  | ND(0.013)                   | 0.0010 JB                | ND(0.011)                |
| 1,1,2-Trichloroethane                             | NA NA                              | ND(0.0050)                       | NA NA                       | ND(0.012)                   | ND(0.0060)                  | ND(0.0050)               | ND(0.0060)               |
| 1,1-Dichloroethane                                | NA NA                              | ND(0.0050)                       | NA NA                       | ND(0.012)                   | ND(0.0060)                  | ND(0.0050)               | ND(0.0060)               |
| 1,1-Dichloroethene<br>1,2,3-Trichloropropane      | NA<br>NA                           | ND(0.0050)                       | NA NA                       | ND(0.012)                   | ND(0.0060)                  | ND(0.0050)               | ND(0.0060)               |
| 1,2-Dibromo-3-chloropropane                       | NA<br>NA                           | ND(0.0050)<br>ND(0.0050)         | NA<br>NA                    | ND(0.012)<br>ND(0.0060)     | ND(0.019)<br>ND(0.013)      | ND(0.016)<br>ND(0.011)   | ND(0.017)<br>ND(0.011)   |
| 1,2-Dibromoethane                                 | NA NA                              | ND(0.0050)                       | NA NA                       | ND(0.0060)                  | ND(0.013)                   | ND(0.0050)               | ND(0.0060)               |
| 1,2-Dichloroethane                                | NA NA                              | ND(0.0050)                       | NA NA                       | ND(0.012)                   | ND(0.0060)                  | ND(0.0050)               | ND(0.0060)               |
| 1,2-Dichloroethene (total)                        | NA NA                              | NA                               | NA.                         | ND(0.012)                   | ND(0.0060)                  | ND(0.0050)               | ND(0.0060)               |
| 1,2-Dichloropropane                               | NA NA                              | ND(0.0050)                       | NA.                         | ND(0.012)                   | ND(0.0060)                  | ND(0.0050)               | ND(0.0060)               |
| 1,4-Dioxane                                       | NA                                 | ND(0.20)                         | NA                          | NA                          | NA                          | NA NA                    | NA NA                    |
| 2-Butanone  | NA                                 | ND(0.10)                         | NA                          | ND(0.012)                   | ND(0.013)                   | ND(0.011)                | ND(0.011)                |
| 2-Chloro-1,3-butadiene                            | NA NA                              | ND(0.0050)                       | NA                          | NA                          | NA                          | NA                       | NA                       |
| 2-Chloroethylvinylether                           | NA NA                              | ND(0.0050)                       | NA                          | ND(0.012)                   | ND(0.013)                   | ND(0.011)                | ND(0.011)                |
| 2-Hexanone  | NA NA                              | ND(0.010)                        | NA                          | ND(0.012)                   | ND(0.019)                   | ND(0.016)                | ND(0.017)                |
| 3-Chloropropene                                   | NA NA                              | ND(0.010)                        | NA                          | ND(0.0060)                  | ND(0.019)                   | ND(0.016)                | ND(0.017)                |
| 4-Methyl-2-pentanone                              | NA NA                              | ND(0.010)                        | NA                          | ND(0.012)                   | ND(0.019)                   | ND(0.016)                | ND(0.017)                |
| Acetone   | NA NA                              | ND(0.10)                         | NA NA                       | 0.019 B                     | 0.037 B                     | 0.0090 JB                | 0.035 B                  |
| Acetonitrile<br>Acrolein                          | NA NA                              | ND(0.10)                         | NA                          | NA<br>NB (0.44)             | NA NA                       | NA<br>UD(0.000)          | NA NA                    |
| Acrylonitrile                                     | NA<br>NA                           | ND(0.10)                         | NA NA                       | ND(0.11)                    | ND(0.11)                    | ND(0.098)                | ND(0.10)                 |
| Benzene   | NA NA                              | ND(0.010)<br>ND(0.0050)          | NA<br>NA                    | ND(0.15)                    | ND(0.15)<br>ND(0.0060)      | ND(0.13)                 | ND(0.14)<br>ND(0.0060)   |
| Bromodichloromethane                              | NA NA                              | ND(0.0050)                       | NA<br>NA                    | ND(0.012)<br>ND(0.012)      | ND(0.0060)                  | ND(0.0050)<br>ND(0.0050) | ND(0.0060)               |
| Bromoform   | NA NA                              | ND(0.0050)                       | NA NA                       | ND(0.012)                   | ND(0.0000)                  | ND(0.0030)               | ND(0.000)                |
| Bromomethane                                      | NA NA                              | ND(0.010)                        | NA NA                       | ND(0.012)                   | ND(0.0060)                  | ND(0.0050)               | ND(0.0060)               |
| Carbon Disulfide                                  | NA                                 | ND(0.010)                        | NA.                         | ND(0.012)                   | ND(0.0060)                  | ND(0.0050)               | ND(0.0060)               |
| Carbon Tetrachloride                              | NA                                 | ND(0.0050)                       | NA NA                       | ND(0.012)                   | ND(0.0060)                  | ND(0.0050)               | ND(0.0060)               |
| Chlorobenzene                                     | NA                                 | ND(0.0050)                       | NA                          | ND(0.012)                   | ND(0.0060)                  | ND(0.0050)               | ND(0.0060)               |
| Chloroethane                                      | NA                                 | ND(0.010)                        | NA NA                       | ND(0.012)                   | ND(0.013)                   | 0.0090 B                 | ND(0.011)                |
| Chloroform  | NA NA                              | ND(0.0050)                       | NA                          | ND(0.012)                   | ND(0.0060)                  | ND(0.0050)               | ND(0.0060)               |
| Chioromethane                                     | NA NA                              | ND(0.010)                        | NA                          | ND(0.012)                   | ND(0.013)                   | ND(0.011)                | ND(0.011)                |
| cis-1,2-Dichloroethene                            | NA NA                              | NA NA                            | NA NA                       | NA                          | NA                          | NA                       | NA                       |
| cis-1,3-Dichloropropene                           | NA NA                              | ND(0.0050)                       | NA NA                       | ND(0.012)                   | ND(0.0060)                  | ND(0.0050)               | ND(0.0060)               |
| cis-1,4-Dichloro-2-butene                         | NA NA                              | NA NA                            | NA                          | ND(0.0060)                  | ND(0.019)                   | ND(0.016)                | ND(0.017)                |
| Crotonaldehyde Dibromochloromethane               | NA<br>NA                           | NA<br>ND(0.0050)                 | NA NA                       | ND(0.0060)                  | ND(0.13)                    | ND(0.11)                 | ND(0.11)                 |
| Dibromomethane                                    | NA<br>NA                           | ND(0.0050)                       | NA<br>NA                    | ND(0.012)                   | ND(0.0060)                  | ND(0.0050)               | ND(0.0060)               |
| Dichlorodifluoromethane                           | NA NA                              | ND(0.0030)                       | NA NA                       | ND(0.0060)<br>NA            | ND(0.013)<br>NA             | ND(0.011)<br>NA          | ND(0.011)<br>NA          |
| Ethyl Methacrylate                                | NA NA                              | ND(0.010)                        | NA NA                       | ND(0.0060)                  | ND(0.013)                   | ND(0.011)                | ND(0.011)                |
| Ethylbenzene                                      | NA NA                              | ND(0.0050)                       | NA NA                       | ND(0.012)                   | ND(0.0060)                  | ND(0.0050)               | ND(0.0060)               |
| lodomethane                                       | NA                                 | ND(0.0050)                       | NA                          | ND(0.12)                    | ND(0.013)                   | ND(0.011)                | ND(0.011)                |
| Isobutanoi  | NA NA                              | ND(0.20)                         | NA                          | NA                          | NA                          | NA NA                    | NA NA                    |
| m&p-Xylene  | NA NA                              | NA NA                            | NA                          | NA                          | NA                          | NA                       | NA                       |
| Methacrylonitrile                                 | NA NA                              | ND(0.010)                        | NA                          | NA                          | NA                          | NA NA                    | NA                       |
| Methyl Methacrylate                               | NA NA                              | ND(0.010)                        | NA                          | NA                          | NA                          | NA NA                    | NA                       |
| Methylene Chloride                                | NA NA                              | ND(0.0050)                       | NA                          | 0.051 B                     | 0.023 B                     | ND(0.0050)               | 0.030 B                  |
| Pentachloroethane                                 | NA<br>NA                           | NA<br>NA                         | NA NA                       | NA NA                       | NA NA                       | NA                       | NA                       |
| Propionitrile                                     | NA<br>NA                           | ND(0.050)                        | NA NA                       | NA NA                       | NA NA                       | NA NA                    | NA NA                    |
| Pyridine  | NA<br>NA                           | NA<br>NDVO 00505                 | NA<br>NA                    | NA<br>NO(0.040)             | NA NA                       | NA NA                    | NA NA                    |
| Styrene<br>Tetrachloroethene                      | NA<br>NA                           | ND(0.0050)<br>ND(0.0050)         | NA<br>NA                    | ND(0.012)                   | ND(0.0060)                  | ND(0.0050)               | ND(0,0060)               |
| Toluene   | NA<br>NA                           | ND(0.0050)                       | NA<br>NA                    | ND(0.012)<br>ND(0.012)      | ND(0.0060)<br>ND(0.0060)    | ND(0.0050)               | ND(0.0060)               |
| trans-1,2-Dichloroethene                          | NA NA                              | ND(0.0050)                       | NA<br>NA                    | ND(U.012)                   | ND(U.UUBU)<br>NA            | ND(0.0050)<br>NA         | ND(0.0060)               |
| trans-1,3-Dichloropropene                         | NA NA                              | ND(0.0050)                       | NA NA                       | ND(0.012)                   | ND(0.0060)                  | ND(0.0050)               | NA<br>ND(0.0060)         |
| trans-1,4-Dichloro-2-butene                       | NA NA                              | ND(0.010)                        | NA NA                       | ND(0.0060)                  | ND(0.0000)                  | ND(0.016)                | ND(0.0000)               |
| Trichloroethene                                   | NA NA                              | ND(0.0050)                       | NA NA                       | ND(0.012)                   | ND(0.0060)                  | ND(0.0050)               | ND(0.0060)               |
| Trichlorofluoromethane                            | NA NA                              | ND(0.0050)                       | NA NA                       | ND(0.0060)                  | ND(0.0060)                  | ND(0.0050)               | ND(0.0060)               |
| Vinyl Acetate                                     | NA NA                              | ND(0.010)                        | NA NA                       | ND(0.012)                   | ND(0.013)                   | ND(0.011)                | ND(0.011)                |
| Vinyl Chloride                                    | NA NA                              | ND(0.010)                        | NA NA                       | ND(0.012)                   | ND(0.013)                   | ND(0.011)                | ND(0.011)                |
| Xylenes (total)                                   | NA                                 | ND(0.0050)                       | NA NA                       | ND(0.012)                   | ND(0.0060)                  | ND(0.0050)               | ND(0.0060)               |

### PRE-DESIGN INVESTIGATION REPORT FOR THE NEWELL STREET AREA II REMOVAL ACTION GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

| Location ID:<br>Sample ID:<br>Sample Deoth(Feet): | N2SC-10<br>N2SC-10-CS1015<br>10-15 | N2SC-10<br>N2SC-10-SS07<br>10-12 | NS-1A<br>RN1AB1214<br>12-14 | NS-2A<br>RN2AB1214<br>12-14 | NS-2A<br>RN2AB1416<br>14-16 | NS-5<br>RN05B0204<br>2-4 | NS-6<br>RN06B0406<br>4-6 |
|---|------------------------------------|----------------------------------|-----------------------------|-----------------------------|-----------------------------|--------------------------|--------------------------|
| Parameter Date Collected:                         | 04/14/99                           | 04/14/99                         | 05/23/91                    | 11/12/91                    | 11/12/91                    | 05/22/91                 | 11/12/91                 |
| Semivolatile Organics                             |                                    |                                  |                             |                             |                             |                          |                          |
| 1,2,3,4-Tetrachlorobenzene                        | NA NA                              | NA                               | NA.                         | ND(0.41)                    | 0.14 J                      | ND(0.36)                 | 0.15 J                   |
| 1,2,3,5-Tetrachlorobenzene                        | NA NA                              | NA NA                            | NA                          | ND(0.41)                    | 0.055 JZ                    | ND(0.36)                 | ND(1.1)                  |
| 1,2,3-Trichlorobenzene                            | NA NA                              | NA NA                            | NA                          | ND(0.41)                    | ND(0.42)                    | ND(0.36)                 | 0.16 J                   |
| 1.2.4.5-Tetrachlorobenzene                        | ND(0.37)                           | NA NA                            | NA NA                       | ND(0.41)                    | 0.055 JZ                    | ND(0.36)                 | ND(1.1)                  |
| 1,2,4-Trichlorobenzene                            | ND(0.37)                           | NA                               | NA                          | ND(0.41)                    | 0.11 J                      | ND(0.36)                 | 1.2                      |
| 1,2-Dichlorobenzene                               | ND(0.37)                           | NA NA                            | NA                          | ND(0.41)                    | ND(0.42)                    | ND(0.36)                 | ND(1.1)                  |
| 1,2-Diphenylhydrazine                             | ND(0.37)                           | NA                               | NA                          | ND(0.41)                    | ND(0.42)                    | ND(0.36)                 | ND(1.1)                  |
| 1,3,5-Trichlorobenzene                            | NA                                 | NA                               | NA                          | ND(0.41)                    | ND(0.42)                    | ND(0.36)                 | ND(1.1)                  |
| 1,3,5-Trinitrobenzene                             | ND(0.75)                           | NA                               | NA                          | ND(0.82)                    | ND(0.84)                    | ND(0.72)                 | ND(2.3)                  |
| 1,3-Dichlorobenzene                               | ND(0.37)                           | NA                               | NA                          | ND(0.41)                    | ND(0.42)                    | ND(0.36)                 | ND(1.1)                  |
| 1,3-Dinitrobenzene                                | ND(1.9)                            | NA                               | NA                          | NA                          | NA                          | NA                       | NA                       |
| 1,4-Dichlorobenzene                               | ND(0.37)                           | NA                               | NA                          | ND(0.41)                    | ND(0.42)                    | ND(0.36)                 | ND(1.1)                  |
| 1,4-Dinitrobenzene                                | NA NA                              | NA                               | NA                          | ND(0.82)                    | ND(0.84)                    | ND(0.72)                 | ND(2.3)                  |
| 1,4-Naphthoquinone                                | ND(1.9)                            | NA                               | NA                          | ND(0.82)                    | ND(0.84)                    | ND(0.72)                 | ND(2.3)                  |
| 1-Chloronaphthalene                               | NA                                 | NA                               | NA                          | ND(0.41)                    | ND(0.42)                    | ND(0.36)                 | ND(1.1)                  |
| 1-Methylnaphthalene                               | NA                                 | NA                               | NA                          | ND(0.41)                    | 0.063 J                     | 0.063 J                  | 1.7                      |
| 1-Naphthylamine                                   | ND(1.9)                            | NA NA                            | NA NA                       | ND(0.82)                    | ND(0.84)                    | ND(0.72).                | ND(2.3)                  |
| 2,3,4,6-Tetrachlorophenol                         | ND(0.37)                           | NA NA                            | NA NA                       | ND(0.82)                    | ND(0.84)                    | ND(0.72)                 | . ND(2.3)                |
| 2,4,5-Trichlorophenol                             | ND(0.37)                           | NA NA                            | NA                          | ND(0.82)                    | ND(0.84)                    | ND(0.72)                 | ND(2.3)                  |
| 2,4,6-Trichlorophenol                             | ND(0.37)                           | NA NA                            | NA NA                       | ND(0.82)                    | ND(0.84)                    | ND(0.72)                 | ND(2.3)                  |
| 2,4-Dichlorophenol                                | ND(0.37)                           | NA NA                            | NA NA                       | ND(0.41)                    | ND(0.42)                    | ND(0.36)                 | ND(1.1)                  |
| 2,4-Dimethylphenol                                | ND(0.37)                           | NA NA                            | NA                          | ND(0.41)                    | ND(0.42)                    | 0.061 J                  | ND(1.1)                  |
| 2,4-Dinitrophenol                                 | ND(1.9)                            | NA NA                            | NA                          | ND(1.6)                     | ND(1.6)                     | ND(1.4)                  | ND(4.5)                  |
| 2,4-Dinitrotoluene .                              | ND(1.9)                            | NA NA                            | NA NA                       | ND(0.41)                    | ND(0.42)                    | ND(0.36)                 | ND(1.1)                  |
| 2,6-Dichlorophenol                                | ND(0.37)                           | NA                               | NA NA                       | ND(0.82)                    | ND(0.84)                    | ND(0.72)                 | ND(2.3)                  |
| 2,6-Dinitrotoluene                                | ND(0.37)                           | NA NA                            | NA                          | ND(0.41)                    | ND(0.42)                    | ND(0.36)                 | ND(1.1)                  |
| 2-Acetylaminofluorene                             | ND(0.75)                           | NA NA                            | NA NA                       | ND(0.41)                    | ND(0.42)                    | ND(0.36)                 | ND(1.1)                  |
| 2-Chloronaphthalene                               | ND(0.37)                           | NA NA                            | NA<br>NA                    | ND(0.41)                    | ND(0.42)                    | ND(0.36)                 | ND(1.1)                  |
| 2-Chlorophenol                                    | ND(0.37)<br>ND(0.37)               | NA .                             | NA                          | ND(0.41)                    | ND(0.42)                    | ND(0.36)                 | ND(1.1)                  |
| 2-Methylnaphthalene                               |                                    | NA<br>NA                         | NA<br>NA                    | 0.086 J                     | ND(0.42)                    | 0.048 J                  | 1,7<br>ND(1.1)           |
| 2-Methylphenol                                    | ND(0.37)                           | NA<br>NA                         | NA<br>NA                    | ND(0.41)<br>ND(0.82)        | ND(0.42)<br>ND(0.84)        | ND(0.36)<br>ND(0.72)     | ND(1.1)<br>ND(2.3)       |
| 2-Naphthylamine                                   | ND(1.9)                            | NA<br>NA                         | NA NA                       | ND(0.62)<br>ND(0.41)        | ND(0.42)                    | ND(0.72)<br>ND(0.36)     | ND(2.3)<br>ND(1.1)       |
| 2-Nitroaniline<br>2-Nitrophenol                   | ND(1.9)<br>ND(0.75)                | NA<br>NA                         | NA<br>NA                    | ND(0.41)                    | ND(0.42)                    | ND(0.36)                 | ND(1.1)                  |
| 2-Nitrophenoi<br>2-Phenylenediamine               | ND(0.75)                           | NA<br>NA                         | NA NA                       | ND(0.41)                    | ND(0.42)                    | ND(0.36)                 | ND(1.1)                  |
| 2-Picoline  | ND(0.37)                           | NA NA                            | NA NA                       | ND(0.82)                    | ND(0.84)                    | ND(0.72)                 | ND(2.3)                  |
| 3&4-Methylphenol                                  | ND(0.75)                           | NA NA                            | NA NA                       | ND(0.41)                    | ND(0.42)                    | 0.097 J                  | ND(1.1)                  |
| 3,3'-Dichlorobenzidine                            | ND(0.73)                           | NA NA                            | NA NA                       | ND(0.41)                    | ND(0.42)                    | ND(0.36)                 | ND(1.1)                  |
| 3,3'-Dimethoxybenzidine                           | NA NA                              | NA NA                            | l NA                        | ND(0.41)                    | ND(0.42)                    | ND(0.36)                 | ND(1.1)                  |
| 3,3'-Dimethylbenzidine                            | ND(1.9)                            | NA NA                            | NA NA                       | ND(0.82)                    | ND(0.84)                    | ND(0.72)                 | ND(2.3)                  |
| 3-Methylcholanthrene                              | ND(0.75)                           | NA NA                            | NA NA                       | ND(0.41)                    | ND(0.42)                    | ND(0.36)                 | ND(1.1)                  |
| 3-Methylphenol                                    | NA NA                              | NA NA                            | NA NA                       | NA NA                       | NA NA                       | NA NA                    | NA NA                    |
| 3-Nitroaniline                                    | ND(1.9)                            | NA NA                            | NA                          | ND(0.82)                    | ND(0.84)                    | ND(0.72)                 | ND(2.3)                  |
| 3-Phenylenediamine                                | NA NA                              | NA.                              | NA                          | ND(0.41)                    | ND(0.42)                    | ND(0.36)                 | ND(1.1)                  |
| 4.4'-Methylene-bis(2-chloroaniline)               | NA NA                              | NA NA                            | NA                          | ND(0.41)                    | ND(0.42)                    | ND(0.36)                 | ND(1.1)                  |
| 4,6-Dinitro-2-methylphenol                        | ND(0.37)                           | NA NA                            | NA NA                       | ND(1.2)                     | ND(1.3)                     | ND(1.1)                  | ND(3.4)                  |
| 4-Aminobiphenyl                                   | ND(0.75)                           | NA                               | NA                          | ND(0.41)                    | ND(0.42)                    | ND(0.36)                 | ND(1.1)                  |
| 4-Bromophenyl-phenylether                         | ND(0.37)                           | NA NA                            | NA                          | ND(0.41)                    | ND(0.42)                    | ND(0.36)                 | ND(1.1)                  |
| 4-Chloro-3-Methylphenol                           | ND(0.37)                           | NA.                              | NA                          | ND(0.41)                    | ND(0.42)                    | ND(0.36)                 | ND(1.1)                  |
| 4-Chloroaniline                                   | ND(0.75)                           | NA                               | NA                          | ND(0.41)                    | ND(0.42)                    | ND(0.36)                 | ND(1.1)                  |
| 4-Chlorobenzilate                                 | ND(1.9)                            | NA NA                            | NA                          | ND(0.41)                    | ND(0.42)                    | ND(0.36)                 | ND(1.1)                  |
| 4-Chlorophenyi-phenyiether                        | ND(0.37)                           | NA NA                            | NA                          | ND(0.41)                    | ND(0.42)                    | ND(0.36)                 | ND(1.1)                  |
| 4-Methylphenol                                    | NA NA                              | NA NA                            | NA                          | NA.                         | NA                          | NA NA                    | NA                       |
| 4-Nitroaniline                                    | ND(1.9)                            | NA                               | NA                          | ND(0.82)                    | ND(0.84)                    | ND(0.72)                 | ND(2.3)                  |
| 4-Nitrophenol                                     | ND(1.9)                            | NA NA                            | NA                          | ND(0.41)                    | ND(0.42)                    | ND(0.36)                 | ND(1.1)                  |
| 4-Nitroquinoline-1-oxide                          | ND(1.9)                            | NA                               | NA                          | NA                          | NA                          | NA                       | NA                       |
| 4-Phenylenediamine                                | ND(1.9)                            | NA NA                            | NA                          | ND(0.41)                    | ND(0.42)                    | ND(0.36)                 | ND(1.1)                  |
| 5-Nitro-o-toluidine                               | ND(1.9)                            | NA NA                            | NA                          | ND(0.82)                    | ND(0.84)                    | ND(0.72)                 | ND(2.3)                  |
| 7,12-Dimethylbenz(a)anthracene                    | ND(0.75)                           | NA                               | NA                          | ND(0.41)                    | ND(0.42)                    | ND(0.36)                 | ND(1.1)                  |
| a,a'-Dimethylphenethylamine                       | ND(1.9)                            | NA.                              | NA                          | ND(0.41)                    | ND(0.42)                    | ND(0.36)                 | ND(1.1)                  |
| Acenaphthene                                      | ND(0.37)                           | NA                               | NA                          | ND(0.41)                    | ND(0.42)                    | 0.11 J                   | 4.4                      |
| Acenaphthylene                                    | ND(0.37)                           | NA                               | NA                          | 0.048 J                     | ND(0.42)                    | ND(0.36)                 | 0.13 J                   |
| Acetophenone                                      | ND(0.37)                           | NA                               | NA                          | ND(0.41)                    | ND(0.42)                    | ND(0.36)                 | ND(1.1)                  |

| Parameter Date Collected:  Semivolatile Organics(continued)  Aniline Anthracene Aramite Benzal chloride Benzidine Benzo(a)anthracene Benzo(b)fluoranthene Benzo(b)fluoranthene Benzo(c),h,i)perylene Benzo(c),fluoranthene Benzo(c),fluoranthene Benzo(c),fluoranthene Benzo(c),fluoranthene Benzolic Acid Benzotrichloride Benzyl Chloride bis(2-Chloroethoxy)methane bis(2-Chloroethoxy)methane bis(2-Chloroethoxy)methane bis(2-Chloroethoxy)phthalate Butylbenzylphthalate Chrysene Cyclophosphamide Diallate Dibenzo(a,h)anthracene Dibenzo(a,h)anthracene Dibenzofuran Diethylphthalate Di-n-Octylphthalate Di-n-Octylphthalate Di-n-Octylphthalate Dinoseb Diphenylamine Ethyl Methanesulfonate Fluorene Hexachlorobenzene Hexachlorobenzene Hexachlorophene Hexachlorophene Hexachlorophene Hexachlorophene Isosaffole Methapyrilene Methyl Methanesulfonate Nitrobenzene  | ND(0.37) ND(0.37) ND(0.37) ND(0.75) NA ND(0.37) ND(0.37) ND(0.37) ND(0.37) ND(0.37) ND(0.37) NA NA ND(0.37) NA ND(0.37) | 04/14/99  NA | 05/23/91  NA | ND(0.41) ND(0.82) ND(0.41) ND(0.82) ND(0.41) ND(0.82) ND(0.41) ND(0.82) ND(0.41) ND(0.82) ND(0.41) | ND(0.42) 0.051 J NA ND(0.42) 0.13 J 0.11 J 0.20 JZ 0.089 J 0.20 JZ ND(4.2) ND(0.42) ND(0.42) ND(0.84) ND(0.42) ND(0.84) ND(0.84) ND(0.84) ND(0.84) ND(0.84) ND(0.42) ND(0.84) ND(0.42) ND(0.84) ND(0.42) | 0.70 0.23 J NA ND(0.36) ND(0.36) 0.58 0.44 1.1 Z 0.27 J 1.1 Z ND(3.6) ND(0.72) ND(0.36) ND(0.36) ND(0.36) ND(0.36) ND(0.72) ND(0.36) ND(0.72) ND(0.36) ND(0.72) ND(0.36) 0.16 JB ND(0.36) ND(0.36) 0.16 JB ND(0.36) 0.16 JB ND(0.36) 0.19 ND(0.36) ND(0.36) ND(0.36) ND(0.36) ND(0.36) ND(0.36) ND(0.36) ND(0.36) | ND(1.1) 3.6 NA ND(1.1) ND(1.1) ND(1.1) ND(1.1) ND(1.1) ND(1.1) ND(2.3) ND(1.1) ND(2.3) ND(1.1) NA ND(1.1) NA ND(1.1) NA ND(1.1) NA ND(1.1) NA ND(1.1) ND(2.3) ND(1.1) O.36 J ND(1.1) ND(5.5) ND(1.1) O.64 J 2.8 |
|--|--|--|--|---|--|---|---|
| Aniline Anthracene Aramite Benzal chloride Benzidine Benzo(a)anthracene Benzo(a)pyrene Benzo(b)fluoranthene Benzo(c)fluoranthene Benzo(c)fluoranthene Benzoic Acid Benzotrichloride Benzyl Alcohol Benzyl Chloride bis(2-Chloroethoxy)methane | ND(0.37) ND(0.75) NA ND(0.75) ND(0.37) ND(0.37) ND(0.37) ND(0.37) ND(0.37) NA NA NA ND(0.75) NA ND(0.37) ND(0.37) ND(0.37) ND(0.37) ND(0.37) ND(0.37) ND(0.75) NA ND(0.75) ND(0.37) ND(0.37) ND(0.37) ND(0.37) ND(0.37)                                  | NA N         | NA N         | ND(0.41) NA ND(0.41) ND(0.41) 0.069 J 0.076 J 0.11 JZ ND(4.1) ND(0.82) ND(0.41) NA ND(0.41) ND(0.82) ND(0.41) ND(0.82) ND(0.41) ND(0.82) ND(0.41)  | 0.051 J NA ND(0.42) ND(0.42) 0.13 J 0.11 J 0.20 JZ 0.089 J 0.20 JZ ND(4.2) ND(0.84) ND(0.42) NA ND(0.42) ND(0.84) ND(0.42) ND(0.84) ND(0.42)  | 0.23 J NA ND(0.36) ND(0.36) 0.58 0.44 1.1 Z 0.27 J 1.1 Z ND(3.6) ND(0.72) ND(0.36) ND(0.72) ND(0.36) ND(0.36) ND(0.72) ND(0.36) ND(0.72) ND(0.36) ND(0.72) ND(0.36) O.16 JB ND(0.36) 0.59 ND(1.7) ND(0.36) 0.59 ND(1.7) ND(0.36) 0.59 ND(1.7) ND(0.36) 0.14 J 0.083 J   | 3.6 NA ND(1.1) ND(1.1) ND(1.1) 2.2 5.1 Z 1.4 5.1 Z ND(11) ND(2.3) ND(1.1) NA ND(1.1) ND(2.3) ND(1.1) 0.36 J ND(1.1) 3.6 ND(5.5) ND(1.1) ND(1.1)   |
| Anthracene Aramite Benzal chloride Benzal chloride Benzo(a)anthracene Benzo(a)pyrene Benzo(a)pyrene Benzo(b)fluoranthene Benzoic Acid Benzoic Acid Benzotrichloride Benzyl Alcohol Benzyl  | ND(0.37) ND(0.75) NA ND(0.75) ND(0.37) ND(0.37) ND(0.37) ND(0.37) ND(0.37) NA NA NA ND(0.75) NA ND(0.37) ND(0.37) ND(0.37) ND(0.37) ND(0.37) ND(0.37) ND(0.75) NA ND(0.75) ND(0.37) ND(0.37) ND(0.37) ND(0.37) ND(0.37)                                  | NA N         | NA N         | ND(0.41) NA ND(0.41) ND(0.41) 0.069 J 0.076 J 0.11 JZ ND(4.1) ND(0.82) ND(0.41) NA ND(0.41) ND(0.82) ND(0.41) ND(0.82) ND(0.41) ND(0.82) ND(0.41)  | 0.051 J NA ND(0.42) ND(0.42) 0.13 J 0.11 J 0.20 JZ 0.089 J 0.20 JZ ND(4.2) ND(0.84) ND(0.42) NA ND(0.42) ND(0.84) ND(0.42) ND(0.84) ND(0.42)  | 0.23 J NA ND(0.36) ND(0.36) 0.58 0.44 1.1 Z 0.27 J 1.1 Z ND(3.6) ND(0.72) ND(0.36) ND(0.72) ND(0.36) ND(0.36) ND(0.72) ND(0.36) ND(0.72) ND(0.36) ND(0.72) ND(0.36) O.16 JB ND(0.36) 0.59 ND(1.7) ND(0.36) 0.59 ND(1.7) ND(0.36) 0.59 ND(1.7) ND(0.36) 0.14 J 0.083 J   | 3.6 NA ND(1.1) ND(1.1) ND(1.1) 2.2 5.1 Z 1.4 5.1 Z ND(11) ND(2.3) ND(1.1) NA ND(1.1) ND(2.3) ND(1.1) 0.36 J ND(1.1) 3.6 ND(5.5) ND(1.1) ND(1.1)   |
| Aramite Benzal chloride Benzidine Benzo(a)anthracene Benzo(a)pyrene Benzo(b)fluoranthene Benzo(b)fluoranthene Benzo(k)fluoranthene Benzoic Acid Benzotrichloride Benzyl Aicohol Benzyl Aicohol Benzyl Chloride bis(2-Chloroethoxy)methane bis(2-Chloroethoxy)methane bis(2-Chloroethyl)ether bis(2-Chloroisopropyl)ether bis(2-Ethylhexyl)phthalate Butylbenzylphthalate Chrysene Cyclophosphamide Diallate Dibenz(a,j)acridine Dibenzo(a,h)anthracene Dibenzofuran Diethylphthalate Di-n-Butylphthalate Di-n-Butylphthalate Di-n-Butylphthalate Di-n-Octylphthalate Dinoseb Diphenylamine Ethyl Methanesulfonate Fluorene Hexachlorobenzene Hexachlorobenzene Hexachlorophene Hexachlorophene Hexachlorophene Hexachloroppene Indeno(1,2,3-cd)pyrene Isophorone Isosafrole Methapyrilene Methyl Methanesulfonate Nitrobenzene   | ND(0.75) NA ND(0.75) ND(0.37) ND(0.37) ND(0.37) ND(0.37) ND(0.37) NA NA ND(0.75) NA ND(0.37) ND(0.75) NA ND(0.75) ND(0.37) ND(0.37) ND(0.37) ND(0.37) ND(0.37)  | NA N         | NA N         | NA ND(0.41) ND(0.41) 0.069 J 0.076 J 0.11 JZ 0.046 J 0.11 JZ ND(4.1) ND(0.82) ND(0.41) NA ND(0.82) ND(0.41) 0.095 J ND(0.41) 0.072 J ND(0.41)                                       | NA ND(0.42) ND(0.42) 0.13 J 0.11 J 0.20 JZ 0.89 J 0.20 JZ ND(4.2) ND(0.84) ND(0.42) NA ND(0.42) ND(0.84) ND(0.42) ND(0.84) ND(0.42)   | NA ND(0.36) ND(0.36) 0.58 0.44 1.1 Z 0.27 J 1.1 Z ND(3.6) ND(0.72) ND(0.36) ND(0.36) ND(0.36) ND(0.36) ND(0.36) ND(0.36) ND(0.72) ND(0.36) O.16 JB ND(0.36) 0.59 ND(1.7) ND(0.36) 0.59 ND(1.7) ND(0.36) 0.14 J 0.083 J  | NA<br>ND(1.1)<br>ND(1.1)<br>ND(1.1)<br>2.2<br>5.1 Z<br>1.4<br>5.1 Z<br>ND(11)<br>ND(2.3)<br>ND(1.1)<br>NA<br>ND(1.1)<br>ND(2.3)<br>ND(1.1)<br>0.36 J<br>ND(1.1)<br>3.6<br>ND(5.5)<br>ND(5.5)  |
| Benzal chlonde Benzidine Benzo(a)anthracene Benzo(a)pyrene Benzo(b)fluoranthene Benzo(g,h,i)perylene Benzo(k)fluoranthene Benzo(k)fluoranthene Benzoic Acid Benzotrichloride Benzyl Chloride Bis(2-Chloroethoxy)methane bis(2-Chloroethoxy)methane bis(2-Chloroethyl)ether bis(2-Ethylhexyl)phthalate Butylbenzylphthalate Chrysene Cyclophosphamide Diallate Dibenzo(a,h)anthracene Dibenzofuran Diethylphthalate Di-n-Octylphthalate Di-n-Octylphthalate Di-n-Octylphthalate Ethyl Methanesulfonate Fluorane Hexachlorobenzene Hexachlorobenzene Hexachlorophene Hexachlorophene Hexachlorophene Indeno(1,2,3-cd)pyrene Isodrin Isophorone Isosafrole Methapyrilene Methyl Methanesulfonate Nitrobenzene Nitrobenzene  | NA ND(0.75) ND(0.37) ND(0.37) ND(0.37) ND(0.37) ND(0.37) ND(0.37) NA NA NA ND(0.75) NA ND(0.37) ND(0.37) ND(0.37) ND(0.37) ND(0.37) ND(0.37) ND(0.37) ND(0.75) NA ND(0.75) NA ND(0.75) ND(0.37) ND(0.37) ND(0.37) ND(0.37) ND(0.37) NA ND(0.75) ND(0.37) ND(0.37) ND(0.37) ND(0.37) ND(0.37)   | NA N         | NA N         | ND(0.41) ND(0.41) ND(0.41) 0.069 J 0.076 J 0.11 JZ 0.046 J 0.11 JZ ND(4.1) ND(0.82) ND(0.41) NA ND(0.41) ND(0.82) ND(0.41) 0.095 J ND(0.41) 0.072 J ND(0.41)                                 | ND(0.42) ND(0.42) 0.13 J 0.11 J 0.20 JZ 0.089 J 0.20 JZ ND(4.2) ND(0.84) ND(0.42) NA ND(0.42) ND(0.84) ND(0.42) ND(0.42) 0.063 J ND(0.42) 0.097 J ND(2.0) ND(0.42) ND(0.42) ND(0.42) ND(0.42)  | ND(0.36) ND(0.36) 0.58 0.44 1.1 Z 0.27 J 1.1 Z ND(3.6) ND(0.72) ND(0.36) ND(0.36) ND(0.36) ND(0.36) ND(0.72) ND(0.36) ND(0.72) ND(0.36) O.16 JB ND(0.36) 0.59 ND(1.7) ND(0.36) 0.59 ND(1.7) ND(0.36) 0.14 J 0.083 J   | ND(1.1) ND(1.1) ND(1.1) 2.2 5.1 Z 1.4 5.1 Z ND(11) ND(2.3) ND(1.1) NA ND(1.1) NA ND(1.1) ND(2.3) ND(1.1) O.36 J ND(1.1) 3.6 ND(5.5) ND(1.1) ND(1.1) ND(1.1)   |
| Benzidine Benzo(a)anthracene Benzo(b)fluoranthene Benzo(b)fluoranthene Benzo(c),fluoranthene Benzo(c),fluoranthene Benzo(c),fluoranthene Benzo(c),fluoranthene Benzotrichloride Benzyl Alcohol Benzyl Chloride bis(2-Chloroethoxy)methane bis(2-Chloroethoxy)methane bis(2-Chloroethyl)ether bis(2-Ethylhexyl)phthalate Butylbenzylphthalate Butylbenzylphthalate Chrysene Cyclophosphamide Diallate Dibenzo(a,h)anthracene Dibenzo(a,h)anthracene Dibenzofuran Diethylphthalate Di-n-Butylphthalate Di-n-Butylphthalate Di-n-Octylphthalate Di-n-Octylphthalate Di-n-Butylphthalate Fluoranthene Fluoranthene Fluoranthene Hexachlorobenzene Hexachlorobenzene Hexachlorophene Hexachlorophene Hexachlorophene Hexachlorophene Indeno(1,2,3-cd)pyrene Isosafrole Methapyrilene Methyl Methanesulfonate Nitrobenzene   | ND(0.75) ND(0.37) ND(0.37) ND(0.37) ND(0.37) ND(0.37) ND(0.37) NA NA NA ND(0.75) NA ND(0.37) ND(0.37) ND(0.37) ND(0.37) ND(0.37) ND(0.37) ND(0.37) ND(0.75) NA ND(0.75) ND(0.37) ND(0.37) ND(0.37) ND(0.37)  | NA   | NA N         | ND(0.41) 0.069 J 0.076 J 0.11 JZ 0.046 J 0.11 JZ ND(4.1) ND(0.82) ND(0.41) NA ND(0.41) ND(0.82) ND(0.41) O.095 J ND(0.41) 0.072 J ND(0.41)   | ND(0.42) 0.13 J 0.11 J 0.20 JZ 0.089 J 0.20 JZ ND(4.2) ND(0.84) ND(0.42) NA ND(0.42) ND(0.84) ND(0.42) ND(0.84) ND(0.42) 0.063 J ND(0.42) 0.097 J ND(2.0) ND(0.42)   | ND(0.36) 0.58 0.44 1.1 Z 0.27 J 1.1 Z ND(3.6) ND(0.72) ND(0.36) ND(0.36) ND(0.36) ND(0.36) ND(0.72) ND(0.36) ND(0.72) ND(0.36) O.16 JB ND(0.36) 0.59 ND(1.7) ND(0.36) 0.59 ND(1.7) ND(0.36) 0.14 J 0.083 J  | ND(1.1) ND(1.1) 2.2 5.1 Z 1.4 5.1 Z ND(11) ND(2.3) ND(1.1) NA ND(1.1) NA ND(1.1) ND(2.3) ND(1.1) ND(2.3) ND(1.1) ND(5.5) ND(1.1) ND(1.1) ND(5.5) ND(1.1) ND(1.1)  |
| Benzo(a)pyrene Benzo(b)fluoranthene Benzo(c)h,i)perylene Benzo(c)h,i)perylene Benzo(c)h,i)perylene Benzoic Acid Benzotichloride Benzyl Alcohol Benzyl Chloride bis(2-Chloroethoxy)methane bis(2-Chloroethyl)ether bis(2-Chloroisopropyl)ether bis(2-Chloroisopropyl)ether bis(2-Ethylhexyl)phthalate Butylbenzylphthalate Butylbenzylphthalate Chrysene Cyclophosphamide Diallate Dibenz(a,j)acridine Dibenzo(a,h)anthracene Dibenzofuran Diethylphthalate Dimethylphthalate Din-n-Octylphthalate Din-n-Octylphthalate Dinoseb Diphenylamine Ethyl Methanesulfonate Fluorene Hexachlorobenzene Hexachlorobytadiene Hexachlorophene Hexachlorophene Hexachlorophene Hexachlorophene Indeno(1,2,3-cd)pyrene Isodrin Isophorone Isosafrole Methapyrilene Methyl Methanesulfonate Nitrobenzene   | ND(0.37) ND(0.37) ND(0.37) ND(0.37) NA NA NA ND(0.75) NA ND(0.37) ND(0.37) ND(0.37) ND(0.37) ND(0.37) ND(0.37) ND(0.75) NA ND(0.75) ND(0.37) ND(0.37) ND(0.37)   | NA   | NA N         | 0.069 J<br>0.076 J<br>0.11 JZ<br>0.046 J<br>0.11 JZ<br>ND(4.1)<br>ND(0.82)<br>ND(0.41)<br>NA<br>ND(0.41)<br>ND(0.41)<br>ND(0.41)<br>0.095 J<br>ND(0.41)<br>0.072 J<br>ND(0.41)<br>ND(0.41)<br>ND(0.41)<br>ND(0.41)<br>ND(0.41)<br>ND(0.41)<br>ND(0.41)  | 0.11 J<br>0.20 JZ<br>0.089 J<br>0.20 JZ<br>ND(4.2)<br>ND(0.84)<br>ND(0.42)<br>NA<br>ND(0.42)<br>ND(0.84)<br>ND(0.42)<br>0.063 J<br>ND(0.42)<br>0.097 J<br>ND(2.0)<br>ND(0.42)<br>ND(0.42)<br>ND(0.42)<br>ND(0.42)  | 0.44<br>1.1 Z<br>0.27 J<br>1.1 Z<br>ND(3.6)<br>ND(0.72)<br>ND(0.36)<br>ND(0.36)<br>ND(0.36)<br>ND(0.36)<br>0.16 JB<br>ND(0.36)<br>0.59<br>ND(1.7)<br>ND(0.36)<br>ND(0.36)<br>0.59<br>ND(1.7)<br>ND(0.36)<br>ND(0.36)<br>ND(0.36)  | 2.2<br>5.1 Z<br>1.4<br>5.1 Z<br>ND(11)<br>ND(2.3)<br>ND(1.1)<br>NA<br>ND(1.1)<br>ND(2.3)<br>ND(1.1)<br>0.36 J<br>ND(1.1)<br>3.6<br>ND(5.5)<br>ND(1.1)<br>ND(5.4)  |
| Benzo(b)fluoranthene Benzo(g,h,i)perylene Benzo(k)fluoranthene Benzoic Acid Benzotrichloride Benzyl Alcohol Benzyl Chloride bis(2-Chloroethoxy)methane bis(2-Chloroethyl)ether bis(2-Chloroisopropyl)ether bis(2-Chloroisopropyl)ether bis(2-Ethylhexyl)phthalate Butylbenzylphthalate Butylbenzylphthalate Chrysene Cyclophosphamide Diallate Dibenz(a,j)acridine Dibenzo(a,h)anthracene Dibenzofuran Diethylphthalate Din-n-Butylphthalate Din-n-Butylphthalate Din-n-Octylphthalate Din-n-Octylphthalate Diphenylamine Ethyl Methanesulfonate Fluoranthene Fluorene Hexachlorobutadiene Hexachlorobutadiene Hexachlorophene Hexachlorophene Hexachlorophene Indeno(1,2,3-cd)pyrene Isodrin Isophorone Isosafrole Methapyrilene Methyl Methanesulfonate Nitrobenzene   | ND(0.37) ND(0.37) ND(0.37) NA NA NA ND(0.75) NA ND(0.37) ND(0.37) ND(0.37) ND(0.37) ND(0.37) ND(0.75) NA ND(0.75) ND(0.37) ND(0.37) ND(0.37) ND(0.37) ND(0.37)   | NA   | NA N         | 0.11 JZ<br>0.046 J<br>0.11 JZ<br>ND(4.1)<br>ND(0.82)<br>ND(0.41)<br>NA<br>ND(0.41)<br>ND(0.82)<br>ND(0.41)<br>0.095 J<br>ND(0.41)<br>0.072 J<br>ND(2.0)<br>ND(0.41)<br>ND(0.41)<br>ND(0.41)<br>ND(0.41)   | 0.20 JZ<br>0.089 J<br>0.20 JZ<br>ND(4.2)<br>ND(0.84)<br>ND(0.42)<br>NA<br>ND(0.42)<br>ND(0.42)<br>0.063 J<br>ND(0.42)<br>0.097 J<br>ND(2.0)<br>ND(0.42)<br>ND(0.42)<br>ND(0.42)<br>ND(0.42)<br>ND(0.42)  | 1.1 Z<br>0.27 J<br>1.1 Z<br>ND(3.6)<br>ND(0.72)<br>ND(0.36)<br>ND(0.36)<br>ND(0.36)<br>ND(0.36)<br>0.16 JB<br>ND(0.36)<br>0.59<br>ND(1.7)<br>ND(0.36)<br>0.59<br>ND(1.7)<br>ND(0.36)<br>0.14 J<br>0.083 J   | 5.1 Z<br>1.4<br>5.1 Z<br>ND(11)<br>ND(2.3)<br>ND(1.1)<br>NA<br>ND(1.1)<br>ND(2.3)<br>ND(1.1)<br>0.36 J<br>ND(1.1)<br>3.6<br>ND(5.5)<br>ND(1.1)<br>ND(1.1)   |
| Benzo(g,h,i)perylene Benzo(k)fluoranthene Benzoic Acid Benzotrichloride Benzyl Alcohol Benzyl Alcohol Benzyl Chloride bis(2-Chloroethoxy)methane bis(2-Chloroethoxy)methane bis(2-Chloroisopropyl)ether bis(2-Ethylhexyl)phthalate Butylbenzylphthalate Chrysene Cyclophosphamide Diallate Dibenz(a,j)acridine Dibenzo(a,h)anthracene Dibenzofuran Diethylphthalate Dinn-Butylphthalate Dinn-Butylphthalate Dinn-Cotylphthalate Dinn-Octylphthalate Diphenylamine Ethyl Methanesulfonate Fluorene Hexachlorobutadiene Hexachlorophene Hexachlorophene Hexachlorophene Hexachlorophene Indeno(1,2,3-cd)pyrene Isodrin Isophorone Isosafrole Methapyrilene Methanesulfonate Nitrobenzene   | ND(0.37) ND(0.37) NA NA NA ND(0.75) NA ND(0.37) ND(0.37) ND(0.37) ND(0.37) ND(0.37) ND(0.37) ND(0.75) ND(0.75) NA ND(0.75) NA ND(0.75) NA ND(0.75) NA ND(0.75) NA ND(0.37) ND(0.37) ND(0.37) ND(0.37) ND(0.37) ND(0.37) ND(0.37) ND(0.37) ND(0.37)   | NA   | NA N         | 0.046 J<br>0.11 JZ<br>ND(4.1)<br>ND(0.82)<br>ND(0.41)<br>NA<br>ND(0.41)<br>ND(0.82)<br>ND(0.41)<br>0.095 J<br>ND(0.41)<br>0.072 J<br>ND(2.0)<br>ND(0.41)<br>ND(0.41)<br>ND(0.41)<br>ND(0.41)  | 0.089 J<br>0.20 JZ<br>ND(4.2)<br>ND(0.84)<br>ND(0.42)<br>NA<br>ND(0.42)<br>ND(0.42)<br>0.063 J<br>ND(0.42)<br>0.097 J<br>ND(2.0)<br>ND(0.42)<br>ND(0.42)<br>ND(0.42)<br>ND(0.42)   | 0.27 J<br>1.1 Z<br>ND(3.6)<br>ND(0.72)<br>ND(0.36)<br>ND(0.36)<br>ND(0.36)<br>ND(0.72)<br>ND(0.36)<br>0.16 JB<br>ND(0.36)<br>0.59<br>ND(1.7)<br>ND(0.36)<br>0.59<br>ND(1.7)<br>ND(0.36)<br>0.14 J<br>0.083 J  | 1.4<br>5.1 Z<br>ND(11)<br>ND(2.3)<br>ND(1.1)<br>NA<br>ND(1.1)<br>ND(2.3)<br>ND(1.1)<br>0.36 J<br>ND(1.1)<br>3.6<br>ND(5.5)<br>ND(1.1)<br>ND(5.5)  |
| Benzo(k)fluoranthene Benzoic Acid Benzotrichloride Benzyl Alcohol Benzyl Chloride Bis(2-Chloroethoxy)methane bis(2-Chloroethoxy)methane bis(2-Chloroisopropyl)ether bis(2-Ethylhexyl)phthalate Butylbenzylphthalate Butylbenzylphthalate Chrysene Cyclophosphamide Diallate Dibenzo(a,h)anthracene Dibenzofuran Diethylphthalate Di-n-Butylphthalate Di-n-Butylphthalate Di-n-Octylphthalate Dinoseb Diphenylamine Ethyl Methanesulfonate Fluoranthene Fluorene Hexachlorobenzene Hexachlorobenzene Hexachlorophene Hexachlorophene Hexachlorophene Hexachlorophene Isosafrole Methapyrilene Methyl Methanesulfonate Nitrobenzene Methyl Methanesulfonate  | ND(0.37) NA NA NA ND(0.75) NA ND(0.37) ND(0.37) ND(0.37) ND(0.37) ND(0.37) ND(0.37) NA ND(0.75) NA ND(0.75) NA ND(0.75) NA ND(0.75) NA ND(0.37) ND(0.37) ND(0.37) ND(0.37) ND(0.37) ND(0.37) ND(0.37) ND(0.37) ND(0.37)  | NA N         | NA N         | 0.11 JZ ND(4.1) ND(0.82) ND(0.41) NA ND(0.41) ND(0.82) ND(0.41) ND(0.82) ND(0.41) 0.095 J ND(0.41) 0.072 J ND(2.0) ND(0.41) ND(0.41) ND(0.41) ND(0.41) ND(0.41)   | 0.20 JZ ND(4.2) ND(0.84) ND(0.42) NA ND(0.42) ND(0.84) ND(0.42) ND(0.84) ND(0.42) 0.063 J ND(0.42) 0.097 J ND(2.0) ND(0.42) ND(0.42) ND(0.42) ND(0.42) ND(0.42) ND(0.42)   | 1.1 Z<br>ND(3.6)<br>ND(0.72)<br>ND(0.36)<br>ND(0.36)<br>ND(0.36)<br>ND(0.72)<br>ND(0.36)<br>0.16 JB<br>ND(0.36)<br>0.59<br>ND(1.7)<br>ND(0.36)<br>ND(0.36)<br>0.14 J<br>0.083 J   | 5.1 Z<br>ND(11)<br>ND(2.3)<br>ND(1.1)<br>NA<br>ND(1.1)<br>ND(2.3)<br>ND(1.1)<br>0.36 J<br>ND(1.1)<br>3.6<br>ND(5.5)<br>ND(1.1)<br>ND(5.5)   |
| Benzoic Acid Benzotrichloride Benzyl Alcohol Benzyl Chloride bis(2-Chloroethoxy)methane bis(2-Chloroethoxy)ther bis(2-Chloroisopropyl)ether bis(2-Ethylhexyl)phthalate Butylbenzylphthalate Chrysene Cyclophosphamide Diallate Diallate Dibenzo(a,h)anthracene Dibenzofuran Diethylphthalate Di-n-Butylphthalate Di-n-Butylphthalate Di-n-Octylphthalate Dinoseb Diphenylamine Ethyl Methanesulfonate Fluorene Hexachlorobenzene Hexachlorobenzene Hexachlorophene Hexachlorophene Hexachlorophene Indeno(1,2,3-cd)pyrene Isodrin Isophorone Isosafrole Methapyrilene Methyl Methanesulfonate Nitrobenzene Nitrobenzene  | NA<br>NA<br>ND(0.75)<br>NA<br>ND(0.37)<br>ND(0.37)<br>ND(0.37)<br>ND(0.37)<br>ND(0.37)<br>NA<br>ND(0.75)<br>NA<br>ND(0.75)<br>NA<br>ND(0.75)<br>ND(0.37)<br>ND(0.37)<br>ND(0.37)<br>ND(0.37)   | NA N         | NA N         | ND(4.1) ND(0.82) ND(0.41) NA ND(0.41) ND(0.82) ND(0.41) ND(0.82) ND(0.41) 0.095 J ND(0.41) 0.072 J ND(2.0) ND(0.41) ND(0.41) ND(0.41) ND(0.41) ND(0.41)   | ND(4.2)<br>ND(0.84)<br>ND(0.42)<br>NA<br>ND(0.42)<br>ND(0.84)<br>ND(0.42)<br>0.063 J<br>ND(0.42)<br>0.097 J<br>ND(2.0)<br>ND(0.42)<br>ND(0.42)<br>ND(0.42)<br>ND(0.42)   | ND(3.6)<br>ND(0.72)<br>ND(0.36)<br>ND(0.36)<br>ND(0.36)<br>ND(0.72)<br>ND(0.36)<br>0.16 JB<br>ND(0.36)<br>0.59<br>ND(1.7)<br>ND(0.36)<br>ND(0.36)<br>0.14 J   | ND(11) ND(2.3) ND(1.1) NA ND(1.1) ND(2.3) ND(1.1) 0.36 J ND(1.1) 3.6 ND(5.5) ND(1.1) ND(1.1)  |
| Benzotrichloride Benzyl Alcohol Benzyl Chloride bis(2-Chloroethoxy)methane bis(2-Chloroethyl)ether bis(2-Chloroethyl)ether bis(2-Ethylhexyl)phthalate Butylbenzylphthalate Butylbenzylphthalate Chrysene Cyclophosphamide Dialiate Dibenz(a,j)acridine Dibenz(a,h)anthracene Dibenzofuran Diethylphthalate Dimethylphthalate Di-n-Butylphthalate Di-n-Butylphthalate Di-n-Octylphthalate Di-nbenylamine Ethyl Methanesulfonate Fluoranthene Fluorene Hexachlorobetadiene Hexachlorophene Hexachlorophene Hexachlorophene Hexachlorophene Indeno(1,2,3-cd)pyrene Isodrin Isophorone Isosafrole Methapyrilene Methyl Methanesulfonate Nitrobenzene   | NA<br>ND(0.75)<br>NA<br>ND(0.37)<br>ND(0.37)<br>ND(0.37)<br>ND(0.37)<br>ND(0.75)<br>NA<br>ND(0.75)<br>NA<br>ND(0.75)<br>NA<br>ND(0.75)<br>ND(0.37)<br>ND(0.37)<br>ND(0.37)<br>ND(0.37)   | NA N         | NA N         | ND(0.82) ND(0.41) NA ND(0.41) ND(0.82) ND(0.41) 0.095 J ND(0.41) 0.072 J ND(2.0) ND(0.41) ND(0.41) ND(0.41) ND(0.41) ND(0.41) ND(0.41)  | ND(0.84)<br>ND(0.42)<br>NA<br>ND(0.42)<br>ND(0.84)<br>ND(0.42)<br>0.063 J<br>ND(0.42)<br>0.097 J<br>ND(2.0)<br>ND(0.42)<br>ND(0.42)<br>ND(0.42)<br>ND(0.42)<br>ND(0.42)  | ND(0.72)<br>ND(0.36)<br>ND(0.36)<br>ND(0.36)<br>ND(0.36)<br>ND(0.72)<br>ND(0.36)<br>0.16 JB<br>ND(0.36)<br>0.59<br>ND(1.7)<br>ND(0.36)<br>ND(0.36)<br>ND(0.36)  | ND(2.3)<br>ND(1.1)<br>NA<br>ND(1.1)<br>ND(2.3)<br>ND(1.1)<br>0.36 J<br>ND(1.1)<br>3.6<br>ND(5.5)<br>ND(1.1)<br>ND(1.1)<br>ND(1.1)   |
| Benzyl Alcohol Benzyl Chloride bis(2-Chloroethoxy)methane bis(2-Chloroethyl)ether bis(2-Chloroesthyl)ether bis(2-Chloroesthyl)ether bis(2-Chloroesthyl)ether bis(2-Chloroesthyl)ether bis(2-Ethylhexyl)phthalate Butylbenzylphthalate Butylbenzylphthalate Chrysene Cyclophosphamide Dialitate Dibenz(a,j)acridine Dibenz(a,j)acridine Dibenzo(a,h)anthracene Dibenzofuran Diethylphthalate Dinen-Sutylphthalate Din-Neutylphthalate Din-Octylphthalate Din-Octylphthalate Dinoseb Diphenylamine Ethyl Methanesulfonate Fluorene Hexachlorobenzene Hexachlorobenzene Hexachlorophene Hexachlorophene Hexachlorophene Hexachlorophene Indeno(1,2,3-cd)pyrene Isodrin Isophorone Isosafrole Methapyrilene Methyl Methanesulfonate Nitrobenzene   | ND(0.75) NA ND(0.37) ND(0.37) ND(0.37) ND(0.37) ND(0.37) ND(0.75) NA ND(0.75) NA ND(0.75) NA ND(0.75) NA ND(0.75) NA ND(0.37) NA ND(0.37) ND(0.37) ND(0.37) ND(0.37) ND(0.37) ND(0.37)   | NA N         | NA N         | ND(0.41) NA ND(0.41) ND(0.82) ND(0.41) 0.095 J ND(0.41) 0.072 J ND(2.0) ND(0.41) ND(0.41) ND(0.41) ND(0.41) ND(0.41)  | ND(0.42) NA ND(0.42) ND(0.84) ND(0.42) 0.063 J ND(0.42) 0.097 J ND(2.0) ND(0.42) ND(0.42) ND(0.42) ND(0.42) ND(0.42) ND(0.42) ND(0.42)   | ND(0.36)<br>ND(0.36)<br>ND(0.36)<br>ND(0.72)<br>ND(0.36)<br>0.16 JB<br>ND(0.36)<br>0.59<br>ND(1.7)<br>ND(0.36)<br>ND(0.36)<br>ND(0.36)  | ND(1.1) NA ND(1.1) ND(2.3) ND(1.1) 0.36 J ND(1.1) 3.6 ND(5.5) ND(1.1) ND(1.1) 0.64 J  |
| Benzyl Chloride bis(2-Chloroethoxy)methane bis(2-Chloroethoxy)methane bis(2-Chloroethyl)ether bis(2-Chloroethyl)ether bis(2-Chloroethyl)ether bis(2-Ethylhexyl)phthalate Butylbenzylphthalate Butylbenzylphthalate Chrysene Cyclophosphamide Diallate Dibenz(a,j)acridine Dibenz(a,j)acridine Dibenzofuran Diethylphthalate Din-cotylphthalate Din-Butylphthalate Din-Butylphthalate Din-Octylphthalate Din-Octylphthalate Dinoseb Diphenylamine Ethyl Methanesulfonate Fluorene Hexachlorobenzene Hexachlorobutadiene Hexachlorophene Hexachlorophene Hexachlorophene Hexachlorophene Indeno(1,2,3-cd)pyrene Isodrin Isophorone Isosafrole Methapyrilene Methyl Methanesulfonate Nitrobenzene   | NA<br>ND(0.37)<br>ND(0.37)<br>ND(0.37)<br>ND(0.37)<br>ND(0.37)<br>ND(0.75)<br>NA<br>ND(0.75)<br>NA<br>ND(0.75)<br>NA<br>ND(0.75)<br>ND(0.37)<br>ND(0.37)<br>ND(0.37)   | NA N         | NA N         | NA<br>ND(0.41)<br>ND(0.82)<br>ND(0.41)<br>0.095 J<br>ND(0.41)<br>0.072 J<br>ND(2.0)<br>ND(0.41)<br>ND(0.41)<br>ND(0.41)<br>ND(0.41)<br>ND(0.41)   | NA<br>ND(0.42)<br>ND(0.84)<br>ND(0.42)<br>0.063 J<br>ND(0.42)<br>0.097 J<br>ND(2.0)<br>ND(0.42)<br>ND(0.42)<br>ND(0.42)<br>ND(0.42)  | ND(0.36)<br>ND(0.36)<br>ND(0.72)<br>ND(0.36)<br>0.16 JB<br>ND(0.36)<br>0.59<br>ND(1.7)<br>ND(0.36)<br>ND(0.36)<br>ND(0.36)<br>0.14 J<br>0.083 J   | NA<br>ND(1.1)<br>ND(2.3)<br>ND(1.1)<br>0.36 J<br>ND(1.1)<br>3.6<br>ND(5.5)<br>ND(1.1)<br>ND(1.1)<br>0.64 J  |
| bis(2-Chloroethoxy)methane bis(2-Chloroethyl)ether bis(2-Chloroisopropyl)ether bis(2-Ethylhexyl)phthalate Butylbenzylphthalate Chrysene Cyclophosphamide Diallate Dibenz(a,j)acridine Dibenz(a,j)acridine Dibenzofuran Diethylphthalate Dimethylphthalate Din-Butylphthalate Din-Butylphthalate Din-Octylphthalate Dinoseb Diphenylamine Ethyl Methanesulfonate Fluoranthene Fluoranthene Hexachlorobutadiene Hexachlorophene Hexachlorophene Hexachlorophene Hexachlorophene Indeno(1,2,3-cd)pyrene Isophorone Isosafrole Methapyrilene Methyl Methanesulfonate Nitrobenzene Nitrobenzene   | ND(0.37) ND(0.37) ND(0.37) ND(0.37) ND(0.75) ND(0.37) NA ND(0.75) NA ND(0.75) NA ND(0.75) NA ND(0.75) NA ND(0.37) ND(0.37) ND(0.37) ND(0.37) ND(0.37)  | NA N         | NA N         | ND(0.41)<br>ND(0.82)<br>ND(0.41)<br>0.095 J<br>ND(0.41)<br>0.072 J<br>ND(2.0)<br>ND(0.41)<br>ND(0.41)<br>ND(0.41)<br>ND(0.41)   | ND(0.42)<br>ND(0.84)<br>ND(0.42)<br>0.063 J<br>ND(0.42)<br>0.097 J<br>ND(2.0)<br>ND(0.42)<br>ND(0.42)<br>ND(0.42)<br>ND(0.42)  | ND(0.36)<br>ND(0.72)<br>ND(0.36)<br>0.16 JB<br>ND(0.36)<br>0.59<br>ND(1.7)<br>ND(0.36)<br>ND(0.36)<br>ND(0.36)<br>0.14 J<br>0.083 J   | ND(1.1)<br>ND(2.3)<br>ND(1.1)<br>0.36 J<br>ND(1.1)<br>3.6<br>ND(5.5)<br>ND(1.1)<br>ND(1.1)<br>0.64 J  |
| bis(2-Chloroethyl)ether bis(2-Chloroisopropyl)ether bis(2-Ethylhexyl)phthalate Butylbenzylphthalate Chrysene Cyclophosphamide Diallate Dibenz(a,j)acridine Dibenzo(a,h)anthracene Dibenzofuran Diethylphthalate Dimethylphthalate Di-n-Butylphthalate Di-n-Butylphthalate Di-n-Octylphthalate Diphenylamine Ethyl Methanesulfonate Fluoranthene Fluorene Hexachlorobenzene Hexachlorobenzene Hexachlorophene Hexachlorophene Hexachlorophene Hexachlorophene Indeno(1,2,3-cd)pyrene Isophorone Isosafrole Methapyrilene Methyl Methanesulfonate Nitrobenzene   | ND(0.37)<br>ND(0.37)<br>ND(0.37)<br>ND(0.75)<br>ND(0.75)<br>NA<br>ND(0.75)<br>NA<br>ND(0.75)<br>ND(0.37)<br>ND(0.37)<br>ND(0.37)<br>ND(0.37)<br>ND(0.37)   | NA N         | NA N         | ND(0.82)<br>ND(0.41)<br>0.095 J<br>ND(0.41)<br>0.072 J<br>ND(2.0)<br>ND(0.41)<br>ND(0.41)<br>ND(0.41)<br>ND(0.41)<br>ND(0.41)   | ND(0.84)<br>ND(0.42)<br>0.063 J<br>ND(0.42)<br>0.097 J<br>ND(2.0)<br>ND(0.42)<br>ND(0.42)<br>ND(0.42)<br>ND(0.42)<br>ND(0.42)  | ND(0.72)<br>ND(0.36)<br>0.16 JB<br>ND(0.36)<br>0.59<br>ND(1.7)<br>ND(0.36)<br>ND(0.36)<br>0.14 J<br>0.083 J   | ND(2.3)<br>ND(1.1)<br>0.36 J<br>ND(1.1)<br>3.6<br>ND(5.5)<br>ND(1.1)<br>ND(1.1)<br>0.64 J   |
| bis(2-Chloroisopropyl)ether bis(2-Ethylhexyl)phthalate Butylbenzylphthalate Chrysene Cyclophosphamide Diallate Dibenzo(a,h)anthracene Dibenzo(a,h)anthracene Dibenzofuran Diethylphthalate Di-n-Butylphthalate Di-n-Cutylphthalate Di-n-Octylphthalate Di-n-Octylphthalate Diphenylamine Ethyl Methanesulfonate Fluoranthene Fluorene Hexachlorobenzene Hexachlorobenzene Hexachlorophene Hexachlorophene Hexachlorophene Indeno(1,2,3-cd)pyrene Isosafrole Methapyrilene Methyl Methanesulfonate Nitrobenzene   | ND(0.37)<br>ND(0.37)<br>ND(0.75)<br>ND(0.37)<br>NA<br>ND(0.75)<br>NA<br>ND(0.75)<br>NA<br>ND(0.37)<br>ND(0.37)<br>ND(0.37)<br>ND(0.37)   | NA N         | NA N         | ND(0.41)<br>0.095 J<br>ND(0.41)<br>0.072 J<br>ND(2.0)<br>ND(0.41)<br>ND(0.41)<br>ND(0.41)<br>ND(0.41)   | ND(0.42)<br>0.063 J<br>ND(0.42)<br>0.097 J<br>ND(2.0)<br>ND(0.42)<br>ND(0.42)<br>ND(0.42)<br>ND(0.42)  | ND(0.36)<br>0.16 JB<br>ND(0.36)<br>0.59<br>ND(1.7)<br>ND(0.36)<br>ND(0.36)<br>0.14 J<br>0.083 J   | ND(1.1)<br>0.36 J<br>ND(1.1)<br>3.6<br>ND(5.5)<br>ND(1.1)<br>ND(1.1)<br>0.64 J  |
| bis(2-Ethylhexyl)phthalate Butylbenzylphthalate Chrysene Cyclophosphamide Diallate Dibenz(a,j)acridine Dibenzo(a,h)anthracene Dibenzofuran Diethylphthalate Dimethylphthalate Dimethylphthalate Din-Butylphthalate Din-Octylphthalate Diphenylamine Ethyl Methanesulfonate Fluoranthene Fluorene Hexachlorobenzene Hexachlorobenzene Hexachlorobenzene Hexachlorophene Hexachlorophene Hexachlorophene Indeno(1,2,3-cd)pyrene Isodrin Isophorone Isosafrole Methapyrilene Methyl Methanesulfonate Nitrobenzene   | ND(0.37)<br>ND(0.75)<br>ND(0.37)<br>NA<br>ND(0.75)<br>NA<br>ND(0.75)<br>ND(0.37)<br>ND(0.37)<br>ND(0.37)<br>ND(0.37)<br>ND(0.37)   | NA N         | NA N         | 0.095 J<br>ND(0.41)<br>0.072 J<br>ND(2.0)<br>ND(0.41)<br>ND(0.41)<br>ND(0.41)<br>ND(0.41)   | 0.063 J<br>ND(0.42)<br>0.097 J<br>ND(2.0)<br>ND(0.42)<br>ND(0.42)<br>ND(0.42)<br>ND(0.42)  | 0.16 JB<br>ND(0.36)<br>0.59<br>ND(1.7)<br>ND(0.36)<br>ND(0.36)<br>0.14 J<br>0.083 J   | 0.36 J<br>ND(1.1)<br>3.6<br>ND(5.5)<br>ND(1.1)<br>ND(1.1)<br>0.64 J   |
| Butylbenzylphthalate Chrysene Cyclophosphamide Diallate Dibenz(a,j)acridine Dibenzo(a,h)anthracene Dibenzofuran Diethylphthalate Dimethylphthalate Dimethylphthalate Din-Detylphthalate Din-Octylphthalate Dinoseb Diphenylamine Ethyl Methanesulfonate Fluoranthene Fluorene Hexachlorobenzene Hexachlorobutadiene Hexachloroptene Hexachlorophene Hexachlorophene Hexachlorophene Indeno(1,2,3-cd)pyrene Isodrin Isophorone Isosafrole Methapyrilene Methyl Methanesulfonate Nitrobenzene  | ND(0.75)<br>ND(0.37)<br>NA<br>ND(0.75)<br>NA<br>ND(0.75)<br>ND(0.37)<br>ND(0.37)<br>ND(0.37)<br>ND(0.37)<br>ND(0.37)   | NA                 | NA<br>NA<br>NA<br>NA<br>NA<br>NA<br>NA<br>NA     | ND(0.41)<br>0.072 J<br>ND(2.0)<br>ND(0.41)<br>ND(0.41)<br>ND(0.41)<br>ND(0.41)<br>ND(0.41)  | 0.097 J<br>ND(2.0)<br>ND(0.42)<br>ND(0.42)<br>ND(0.42)<br>ND(0.42)<br>ND(0.42)   | 0.59<br>ND(1.7)<br>ND(0.36)<br>ND(0.36)<br>0.14 J<br>0.083 J  | 3.6<br>ND(5.5)<br>ND(1.1)<br>ND(1.1)<br>0.64 J  |
| Cyclophosphamide Diallate Diallate Dibenz(a,j)acridine Dibenzo(a,h)anthracene Dibenzofuran Diethylphthalate Dimethylphthalate Di-n-Butylphthalate Di-n-Octylphthalate Diphenylamine Ethyl Methanesulfonate Fluoranthene Fluorene Hexachlorobutadiene Hexachlorobutadiene Hexachlorophene Hexachlorophene Hexachlorophene Indeno(1,2,3-cd)pyrene Isophorone Isosafrole Methapyrilene Methyl Methanesulfonate Nitrobenzene   | NA<br>ND(0.75)<br>NA<br>ND(0.75)<br>ND(0.37)<br>ND(0.37)<br>ND(0.37)<br>ND(0.37)<br>ND(0.37)   | NA<br>NA<br>NA<br>NA<br>NA<br>NA                 | NA<br>NA<br>NA<br>NA<br>NA                       | ND(2.0)<br>ND(0.41)<br>ND(0.41)<br>ND(0.41)<br>ND(0.41)<br>ND(0.41)   | ND(2.0)<br>ND(0.42)<br>ND(0.42)<br>ND(0.42)<br>ND(0.42)  | ND(1.7)<br>ND(0.36)<br>ND(0.36)<br>0.14 J<br>0.083 J  | ND(5.5)<br>ND(1.1)<br>ND(1.1)<br>0.64 J   |
| Dialiate Dibenz(a,j)acridine Dibenzo(a,h)anthracene Dibenzofuran Diethylphthalate Dimethylphthalate Di-n-Butylphthalate Di-n-Octylphthalate Dinoseb Diphenylamine Ethyl Methanesulfonate Fluoranthene Fluoranthene Hexachlorobenzene Hexachlorobutadiene Hexachlorocyclopentadiene Hexachlorophene Hexachlorophene Hexachlorophene Indeno(1,2,3-cd)pyrene Isodrin Isophorone Isosafrole Methapyrilene Methyl Methanesulfonate Nitrobenzene   | ND(0.75)<br>NA<br>ND(0.75)<br>ND(0.37)<br>ND(0.37)<br>ND(0.37)<br>ND(0.37)   | NA<br>NA<br>NA<br>NA<br>NA<br>NA                 | NA<br>NA<br>NA<br>NA<br>NA                       | ND(0.41)<br>ND(0.41)<br>ND(0.41)<br>ND(0.41)<br>ND(0.41)  | ND(0.42)<br>ND(0.42)<br>ND(0.42)<br>ND(0.42)   | ND(0.36)<br>ND(0.36)<br>0.14 J<br>0.083 J   | ND(1.1)<br>ND(1.1)<br>0.64 J  |
| Dibenz(a,j)acridine Dibenzo(a,h)anthracene Dibenzofuran Diethylphthalate Dimethylphthalate Din-Butylphthalate Din-Octylphthalate Dinoseb Diphenylamine Ethyl Methanesulfonate Fluoranthene Fluorene Hexachlorobenzene Hexachlorobenzene Hexachloropeneal Hexachloropene Hexachloropene Indeno(1,2,3-cd)pyrene Isodrin Isophorone Isosafrole Methapyrilene Methyl Methanesulfonate Nitrobenzene   | NA<br>ND(0.75)<br>ND(0.37)<br>ND(0.37)<br>ND(0.37)<br>ND(0.37)   | NA<br>NA<br>NA<br>NA                             | NA<br>NA<br>NA<br>NA                             | ND(0.41)<br>ND(0.41)<br>ND(0.41)<br>ND(0.41)  | ND(0.42)<br>ND(0.42)<br>ND(0.42)   | ND(0.36)<br>0.14 J<br>0.083 J   | ND(1.1)<br>0.64 J   |
| Dibenzo(a,h)anthracene Dibenzofuran Diethylphthalate Dimethylphthalate Di-n-Butylphthalate Di-n-Octylphthalate Di-n-Octylphthalate Di-n-Octylphthalate Dinoseb Diphenylamine Ethyl Methanesulfonate Fluoranthene Fluorene Hexachlorobenzene Hexachlorobenzene Hexachlorobetadiene Hexachloropene Hexachloropene Hexachloropene Indeno(1,2,3-cd)pyrene Isodrin Isophorone Isosafrole Methapyrilene Methyl Methanesulfonate Nitrobenzene   | ND(0.75)<br>ND(0.37)<br>ND(0.37)<br>ND(0.37)<br>ND(0.37)   | NA<br>NA<br>NA<br>NA                             | NA<br>NA<br>NA                                   | ND(0.41)<br>ND(0.41)<br>ND(0.41)  | ND(0.42)<br>ND(0.42)   | 0.14 J<br>0.083 J   | 0.64 J  |
| Dibenzofuran Diethylphthalate Dimethylphthalate Di-n-Butylphthalate Di-n-Octylphthalate Diphenylamine Ethyl Methanesulfonate Fluoranthene Fluoranthene Hexachlorobenzene Hexachlorobutadiene Hexachlorobutadiene Hexachlorophene Hexachlorophene Hexachlorophene Indeno(1,2,3-cd)pyrene Isodrin Isophorone Isosafrole Methapyrilene Methyl Methanesulfonate Nitrobenzene   | ND(0.37)<br>ND(0.37)<br>ND(0.37)<br>ND(0.37)   | NA<br>NA<br>NA                                   | NA<br>NA   | ND(0.41)<br>ND(0.41)  | ND(0.42)   | 0.083 J   |   |
| Diethylphthalate Dimethylphthalate Di-n-Butylphthalate Di-n-Octylphthalate Dinoseb Diphenylamine Ethyl Methanesulfonate Fluoranthene Fluorene Hexachlorobenzene Hexachlorobutadiene Hexachloropthane Hexachlorophene Hexachlorophene Indeno(1,2,3-cd)pyrene Isodrin Isophorone Isosafrole Methapyrilene Methyl Methanesulfonate Nitrobenzene   | ND(0.37)<br>ND(0.37)<br>ND(0.37)   | NA<br>NA   | NA   | ND(0.41)  |  |   | 2.0   |
| Dimethylphthalate Di-n-Butylphthalate Di-n-Octylphthalate Dinoseb Diphenylamine Ethyl Methanesulfonate Fluoranthene Fluorene Hexachlorobenzene Hexachlorobutadiene Hexachlorocyclopentadiene Hexachlorophene Hexachlorophene Indeno(1,2,3-cd)pyrene Isodrin Isophorone Isosafrole Methapyrilene Methyl Methanesulfonate Nitrobenzene   | ND(0.37)<br>ND(0.37)   | NA   |  |   |  |   | ND(1.1)   |
| Di-n-Butylphthalate Di-n-Octylphthalate Dinoseb Diphenylamine Ethyl Methanesulfonate Fluoranthene Fluorene Hexachlorobenzene Hexachlorobutadiene Hexachlorocyclopentadiene Hexachlorophene Hexachlorophene Hexachlorophene Indeno(1,2,3-cd)pyrene Isophorone Isosafrole Methapyrilene Methyl Methanesulfonate Nitrobenzene   | ND(0.37)   |  |  | ND(0.41)  | ND(0.42)   | ND(0.36)  | ND(1.1)   |
| Di-n-Octylphthalate Dinoseb Diphenylamine Ethyl Methanesulfonate Fluoranthene Fluorene Hexachlorobenzene Hexachlorobutadiene Hexachlorocyclopentadiene Hexachlorophene Hexachlorophene Hexachloropropene Indeno(1,2,3-cd)pyrene Isodrin Isophorone Isosafrole Methapyrilene Methyl Methanesulfonate Naphthalene Nitrobenzene   | <del>~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~</del>   | 1 11/1   | NA<br>NA   | ND(0.41)  | ND(0.42)   | ND(0.36)  | ND(1.1)   |
| Dinoseb Diphenylamine Ethyl Methanesulfonate Fluorene Hexachlorobenzene Hexachlorocyclopentadiene Hexachloropenene Hexachloropenene Hexachloropenene Hexachloropenene Hexachloropropene Indeno(1,2,3-cd)pyrene Isodrin Isophorone Isosafrole Methapyrilene Methyl Methanesulfonate Naphthalene Nitrobenzene  |  | · NA   | NA NA  | ND(0.41)  | ND(0.42)   | ND(0.36)  | ND(1.1)   |
| Diphenylamine Ethyl Methanesulfonate Fluoranthene Fluorene Hexachlorobenzene Hexachlorocyclopentadiene Hexachlorocyclopentadiene Hexachlorophene Hexachlorophene Hexachloropropene Indeno(1,2,3-cd)pyrene Isodrin Isophorone Isosafrole Methapyrilene Methyl Methanesulfonate Naphthalene Nitrobenzene   | NA NA  | NA NA  | NA NA  | NA NA   | NA NA  | NA NA   | NA  |
| Ethyl Methanesulfonate Fluoranthene Fluorene Hexachlorobenzene Hexachlorobutadiene Hexachlorocyclopentadiene Hexachloropenene Hexachloropenene Hexachlorophene Hexachloropropene Indeno(1,2,3-cd)pyrene Isodrin Isophorone Isosafrole Methapyrilene Methyl Methanesulfonate Naphthalene Nitrobenzene   | ND(0.37)   | NA NA  | NA NA  | ND(0.41)  | ND(0.42)   | ND(0.36)  | ND(1.1)   |
| Fluorene Hexachlorobenzene Hexachlorobutadiene Hexachlorocyclopentadiene Hexachloropenene Hexachloroppene Hexachloroppene Indeno(1,2,3-cd)pyrene Isodrin Isophorone Isosafrole Methapyrilene Methyl Methanesulfonate Naphthalene Nitrobenzene  | ND(0.37)   | NA   | NA   | ND(0.41)  | ND(0.42)   | ND(0.36)  | ND(1.1)   |
| Hexachlorobenzene Hexachlorobutadiene Hexachlorocyclopentadiene Hexachloropthane Hexachlorophene Hexachloroppene Indeno(1,2,3-cd)pyrene Isodrin Isophorone Isosafrole Methapyrilene Methyl Methanesulfonate Naphthalene Nitrobenzene   | ND(0.37)   | NA   | NA   | 0.091 J   | ND(0.42)   | 1.3   | 10  |
| Hexachlorobutadiene Hexachlorocyclopentadiene Hexachloropthane Hexachlorophene Hexachloropropene Indeno(1,2,3-cd)pyrene Isodrin Isophorone Isosafrole Methapyrilene Methyl Methanesulfonate Naphthalene Nitrobenzene   | ND(0.37)   | NA NA  | NA   | ND(0.41)  | 0.045 J  | 0.091 J   | 5.3   |
| Hexachlorocyclopentadiene Hexachloroethane Hexachlorophene Hexachloropropene Indeno(1,2,3-cd)pyrene Isodrin Isophorone Isosafrole Methapyrilene Methyl Methanesulfonate Naphthalene Nitrobenzene   | ND(0.37)   | NA NA  | NA NA  | ND(0.41)  | ND(0.42)   | ND(0.36)  | ND(1.1)   |
| Hexachloroethane Hexachlorophene Hexachloropropene Indeno(1,2,3-cd)pyrene Isodrin Isophorone Isosafrole Methapyrilene Methyl Methanesulfonate Naphthalene Nitrobenzene   | ND(0.75)   | NA NA  | NA   | ND(0.41)  | ND(0.42)   | ND(0.36)  | ND(1.1)   |
| Hexachlorophene Hexachloropropene Indeno(1,2,3-cd)pyrene Isodrin Isophorone Isosafrole Methapyrilene Methyl Methanesulfonate Naphthalene Nitrobenzene  | ND(0.37)   | NA NA  | NA NA  | ND(0.41)  | ND(0.42)   | ND(0.36)  | ND(1.1)   |
| Hexachloropropene Indeno(1,2,3-cd)pyrene Isodrin Isophorone Isosafrole Methapyrilene Methyl Methanesulfonate Naphthalene Nitrobenzene  | ND(0.37)<br>ND(7.5)  | NA<br>NA   | NA<br>NA   | ND(0.41)<br>NA  | ND(0.42)<br>NA   | ND(0.36)<br>NA  | ND(1.1)<br>NA   |
| Indeno(1,2,3-cd)pyrene Isodrin Isophorone Isosafrole Methapyrilene Methyl Methanesulfonate Naphthalene Nitrobenzene  | ND(7.5)<br>ND(0.37)  | NA NA  | NA<br>NA   | ND(0.41)  | ND(0.42)   | ND(0.36)  | ND(1.1)   |
| Isodrin Isophorone Isosafrole Methapyrilene Methyl Methanesulfonate Naphthalene Nitrobenzene   | ND(0.75)   | NA NA  | NA NA  | ND(0.41)  | 0.066 J  | 0.25 J  | 1.2   |
| Isophorone Isosafrole Methapyrilene Methyl Methanesulfonate Naphthalene Nitrobenzene   | ND(0.37)   | NA NA  | NA NA  | NA NA   | NA NA  | NA NA   | NA.   |
| Methapyrilene Methyl Methanesulfonate Naphthalene Nitrobenzene   | ND(0.37)   | NA NA  | NA   | ND(0.41)  | ND(0.42)   | ND(0.36)  | ND(1.1)   |
| Methyl Methanesulfonate Naphthalene Nitrobenzene   | ND(0.75)   | NA   | NA   | ND(0.82)  | ND(0.84)   | ND(0.72)  | ND(2.3)   |
| Naphthalene<br>Nitrobenzene  | ND(1.9)  | NA   | NA   | ND(0.82)  | ND(0.84)   | ND(0.72)  | ND(2.3)   |
| Nitrobenzene   | ND(0.37)   | NA NA  | NA   | ND(0.41)  | ND(0.42)   | ND(0.36)  | ND(1.1)   |
|  | ND(0.37)   | NA NA  | NA NA  | 0.20 J  | 0.075 J  | 0.092 J   | 3.5   |
|  | ND(0.37)   | NA NA  | NA NA  | ND(0.41)  | ND(0.42)   | ND(0.36)  | ND(1.1)   |
| N-Nitrosodiethylamine  | ND(0.37)   | NA<br>NA   | NA<br>NA   | ND(0.41)  | ND(0.42)   | ND(0.36)  | ND(1.1)   |
| N-Nitrosodimethylamine   | ND(0.75)<br>ND(0.75)   | NA<br>NA   | NA<br>NA   | ND(0.41)<br>ND(0.41)  | ND(0.42)<br>ND(0.42)   | ND(0.36)<br>ND(0.36)  | ND(1.1)<br>ND(1.1)  |
| N-Nitroso-di-n-butylamine  | ND(0.75)   | NA NA  | NA NA  | ND(0.41)  | ND(0.42)   | ND(0.36)  | ND(1.1)   |
| N-Nitroso-di-n-propylamine N-Nitrosodiphenylamine  | ND(0.73)   | NA NA  | NA NA  | ND(0.41)  | ND(0.42)   | ND(0.36)  | ND(1.1)   |
| N-Nitrosomethylethylamine  | 1 200 120 120 1  | T NA   | NA NA  | ND(0.41)  | ND(0.42)   | ND(0.36)  | ND(1.1)   |
| N-Nitrosomorpholine  |  | NA NA  | NA NA  | ND(0.41)  | ND(0.42)   | ND(0.36)  | ND(1.1)   |
| N-Nitrosopiperidine  | ND(0.75)   | NA NA  | NA NA  | ND(0.41)  | ND(0.42)   | ND(0.36)  | ND(1.1)   |
| N-Nitrosopyrrolidine   |  | - <del></del>                                    | NA.  | ND(0.41)  | ND(0.42)   | ND(0.36)  | ND(1.1)   |
| o,o,o-Triethylphosphorothioate   | ND(0.75)<br>ND(0.37)   | NA NA  | 1 114  | NA NA   | NA NA  | NA NA   | NA NA   |
| o-Toluidine  | ND(0.75)<br>ND(0.37)<br>ND(0.37)   | NA<br>NA   | NA NA  | ,   | ND(0.42)   | ND(0.36)  | ND(1.1)   |
| Paraldehyde  | ND(0.75)<br>ND(0.37)<br>ND(0.37)<br>ND(0.75)   | <del></del>                                      | NA<br>NA   | ND(0.41)  | 110(0.72)  | ND(0.36)  | ND(1.1)   |
| p-Dimethylaminoazobenzene  | ND(0.75)<br>ND(0.37)<br>ND(0.37)<br>ND(0.75)<br>ND(0.37)<br>ND(0.37)<br>NA   | NA<br>NA<br>NA                                   | NA<br>NA   | ND(0.41)  | ND(0.42)   | <del></del>   | ND(1.1)   |
| Pentachiorobenzene   | ND(0.75)<br>ND(0.37)<br>ND(0.37)<br>ND(0.75)<br>ND(0.37)<br>ND(0.37)<br>NA<br>ND(1.9)  | NA<br>NA<br>NA                                   | NA<br>NA<br>NA                                   | ND(0.41)<br>ND(0.41)  | ND(0.42)<br>ND(0.42)   | ND(0.36)  |   |
| Pentachloroethane Pentachloronitrobenzene  | ND(0.75)<br>ND(0.37)<br>ND(0.37)<br>ND(0.75)<br>ND(0.37)<br>ND(0.37)<br>NA   | NA<br>NA<br>NA                                   | NA<br>NA   | ND(0.41)  | ND(0.42)   | <del></del>   | ND(1.1)<br>ND(1.1)  |

| Parameter       | Location ID:<br>Sample ID:<br>Sample Depth(Feet):<br>Date Collected: | N2SC-10<br>N2SC-10-CS1015<br>10-15<br>04/14/99 | N2SC-10<br>N2SC-10-SS07<br>10-12<br>04/14/99 | NS-1A<br>RN1AB1214<br>12-14<br>05/23/91 | NS-2A<br>RN2AB1214<br>12-14<br>11/12/91 | NS-2A<br>RN2AB1416<br>14-16<br>11/12/91 | NS-5<br>RN05B0204<br>2-4<br>05/22/91 | NS-6<br>RN06B0406<br>4-6<br>11/12/91 |
|-----------------|--|--|--|---|---|---|--------------------------------------|--------------------------------------|
|                 | rganics(continued)   | 04(14(3)                                       | 04/14/33                                     | 00/20/31                                | 13712231                                | 1 111201                                | 05/22-01                             | 71312201                             |
| Pentachiorophe  |  | ND(1.9)  | NA NA  | NA NA                                   | ND(0.82)                                | ND(0.84)                                | ND(0.72)                             | ND(2.3)                              |
| Phenacetin      | rioi   | ND(1.9)  | NA NA  | NA NA                                   | ND(0.62)                                | ND(0.42)                                | ND(0.36)                             | ND(1.1)                              |
| Phenanthrene    |  | ND(7.9)<br>ND(0.37)                            | NA NA  | NA NA                                   | 0.17 J                                  | 0.25 J                                  | 1.3                                  | 16                                   |
| Phenol          |  | ND(0.37)                                       | NA NA  | NA NA                                   | ND(0.41)                                | ND(0.42)                                | 0.17 J                               | ND(1.1)                              |
| Pronamide       |  | ND(0.37)                                       | NA NA  | NA NA                                   | ND(0.41)                                | ND(0.42)                                | ND(0.36)                             | ND(1.1)                              |
| Pyrene          |  | ND(0.37)                                       | NA NA  | NA NA                                   | 0.11 J                                  | ND(0.42)                                | 0.99                                 | 7.3                                  |
| Pyridine        |  | ND(0.37)                                       | NA NA  | NA NA                                   | ND(0.41)                                | ND(0.42)                                | ND(0.36)                             | ND(1.1)                              |
| Safrole         |  | ND(0.37)                                       | NA NA  | T NA                                    | ND(0.41)                                | ND(0.42)                                | ND(0.36)                             | ND(1.1)                              |
| Thionazin       |  | ND(0.37)                                       | NA NA  | T NA                                    | ND(0.41)                                | ND(0.42)                                | ND(0.36)                             | ND(1.1)                              |
| Organochlorin   | e Posticides   | 7.0(0.07)                                      | , , , ,                                      | 1                                       | 1 100(0.11)                             | 110(01.12)                              |                                      | 1                                    |
| 4.4'-DDD        | e i esacides   | NA NA  | NA   | ND(0.020)                               | NA NA                                   | NA NA                                   | ND(0.0038)                           | ND(0.20)                             |
| 4,4'-DDE        |  | NA NA  | NA NA  | ND(0.020)                               | NA NA                                   | NA NA                                   | ND(0.0038)                           | ND(0.20)                             |
| 4,4'-DDT        |  | NA NA  | NA NA  | ND(0.020)                               | NA NA                                   | NA NA                                   | ND(0.0038)                           | ND(0.20)                             |
| Aldrin          |  | NA NA  | NA NA  | ND(0.0056)                              | NA NA                                   | NA NA                                   | ND(0.0011)                           | ND(0.057)                            |
| Alpha-BHC       |  | NA NA  | NA NA  | ND(0.0056)                              | NA NA                                   | NA NA                                   | ND(0.0011)                           | ND(0.057)                            |
| Beta-BHC        |  | NA NA  | NA NA  | ND(0.0056)                              | NA NA                                   | NA NA                                   | ND(0.0011)                           | ND(0.057)                            |
| Delta-BHC       |  | NA NA  | NA NA  | ND(0.0056)                              | NA NA                                   | NA                                      | ND(0.0011)                           | ND(0.057)                            |
| Dieldrin        |  | NA NA  | NA   | ND(0.0084)                              | NA NA                                   | NA.                                     | ND(0.0016)                           | ND(0.085)                            |
| Endosulfan I    |  | NA.  | NA NA  | ND(0.0084)                              | NA NA                                   | NA NA                                   | ND(0.0016)                           | ND(0.085)                            |
| Endosulfan II   |  | NA NA  | NA NA  | ND(0.020)                               | NA.                                     | NA.                                     | ND(0.0038)                           | ND(0.20)                             |
| Endosulfan Sulf | fate   | NA   | NA   | ND(0.011)                               | NA                                      | NA NA                                   | ND(0.0022)                           | ND(0.11)                             |
| Endrin          |  | NA   | NA   | ND(0.014)                               | NA                                      | NA                                      | ND(0.0027)                           | ND(0.14)                             |
| Endrin Aldehyd  | e  | NA   | NA   | ND(0.0056)                              | NA                                      | NA                                      | ND(0.0011)                           | ND(0.057)                            |
| Gamma-BHC (I    |  | NA   | NA   | ND(0.0056)                              | NA                                      | NA                                      | ND(0.0011)                           | ND(0.057)                            |
| Heptachior      |  | NA   | NA   | ND(0.0056)                              | NA                                      | NA NA                                   | ND(0.0011)                           | ND(0.057)                            |
| Heptachlor Epo  | xide   | NA   | NA   | ND(0.0056)                              | NA                                      | NA                                      | ND(0.0011)                           | ND(0.057)                            |
| Kepone          |  | NA   | NA   | ND(0.0056)                              | NA                                      | NA                                      | ND(0.0011)                           | ND(0.057)                            |
| Methoxychlor    |  | NA   | NA   | ND(0.020)                               | NA                                      | NA                                      | ND(0.0038)                           | ND(0.20)                             |
| Technical Chlor | rdane  | NA   | NA   | ND(0.023)                               | NA                                      | NA                                      | ND(0.0043)                           | ND(0.23)                             |
| Toxaphene       |  | NA   | NA   | ND(0.11)                                | NA                                      | NA                                      | ND(0.022)                            | ND(1.1)                              |
| Organophospl    | nate Pesticides  |  |  |   |   |   |                                      |                                      |
| Dimethoate      |  | NA   | NA   | NA                                      | ND(0.41)                                | ND(0.42)                                | ND(0.36)                             | ND(0.012)                            |
| Disulfoton      |  | NA   | NA   | NA                                      | NA                                      | NA                                      | NA                                   | ND(0.012)                            |
| Ethyl Parathion |  | NA   | NA   | NA                                      | NA                                      | NA                                      | NA                                   | ND(0.012)                            |
| Famphur         |  | NA   | NA   | NA                                      | NA                                      | NA                                      | NA                                   | NA                                   |
| Methyl Parathic | n  | NA   | NA   | NA                                      | NA NA                                   | NA                                      | NA                                   | ND(0.012)                            |
| Phorate         |  | NA   | NA   | NA                                      | NA                                      | NA                                      | NA                                   | ND(0.012)                            |
| Sulfotep        |  | NA   | NA   | NA NA                                   | NA                                      | NA                                      | NA                                   | ND(0.012)                            |
| Herbicides      |  |  |  |   |   |   |                                      |                                      |
| 2,4,5-T         |  | NA   | NA   | NA                                      | NA                                      | NA                                      | ND(0.025)                            | ND(0.029)                            |
| 2,4,5-TP        |  | NA   | NA   | NA.                                     | NA                                      | . NA                                    | ND(0.025)                            | ND(0.029)                            |
| 2,4-D           |  | NA   | NA   | NA NA                                   | NA                                      | NA                                      | ND(0.10)                             | ND(0.11)                             |
| Dinoseb         |  | NA NA  | NA   | NA NA                                   | NA                                      | NA                                      | NA                                   | NA                                   |
| Furans          |  |  |  |   |   |   |                                      |                                      |
| 2,3,7,8-TCDF    |  | ND(0.0000011)                                  | NA   | NA                                      | NA                                      | NA                                      | Rejected                             | Rejected                             |
| TCDFs (total)   |  | ND(0.0000028)                                  | NA   | NA                                      | NA                                      | NA NA                                   | Rejected                             | Rejected                             |
| 1,2,3,7,8-PeCC  | )F   | ND(0.0000011)                                  | NA   | NA                                      | NA.                                     | NA                                      | NA                                   | NA                                   |
| 2,3,4,7,8-PeCE  |  | ND(0.0000011)                                  | NA   | NA                                      | NA                                      | NA                                      | NA                                   | NA NA                                |
| PeCDFs (total)  |  | ND(0.0000011)                                  | NA   | NA NA                                   | NA                                      | NA NA                                   | Rejected                             | Rejected                             |
| 1,2,3,4,7,8-Hx0 | ODF  | ND(0.0000028)                                  | NA   | NA                                      | NA                                      | NA.                                     | NA                                   | NA                                   |
| 1,2,3,6,7,8-Hx0 | CDF  | ND(0.0000028)                                  | NA NA  | NA                                      | NA                                      | NA                                      | NA NA                                | NA                                   |
| 1,2,3,7,8,9-Hx0 | CDF  | ND(0.0000028)                                  | NA   | NA                                      | NA NA                                   | NA                                      | NA                                   | NA NA                                |
| 2,3,4,6,7,8-Hx0 | CDF  | ND(0.0000028)                                  | NA   | NA                                      | NA                                      | NA                                      | NA                                   | NA                                   |
| HxCDFs (total)  |  | ND(0.0000011)                                  | NA   | NA                                      | NA                                      | NA                                      | Rejected                             | Rejected                             |
| 1,2,3,4,6,7,8-H | pCDF   | ND(0.0000028)                                  | NA NA  | NA                                      | NA                                      | NA                                      | NA NA                                | NA NA                                |
| 1,2,3,4,7,8,9-H | <u> </u>   | ND(0.0000028)                                  | NA   | NA                                      | NA                                      | NA                                      | NA                                   | NA                                   |
| HpCDFs (total)  |  | ND(0.0000028)                                  | NA   | NA                                      | NA                                      | NA                                      | Rejected                             | Rejected                             |
| OCDF            |  | 0.0000030 J                                    | NA   | NA.                                     | NA                                      | NA                                      | Rejected                             | Rejected                             |

| Sample ID:<br>Sample Depth(Feet):<br>Parameter Date Collected: |                | N2SC-10-SS07<br>10-12<br>04/14/99 | RN1AB1214<br>12-14<br>05/23/91 | RN2AB1214<br>12-14<br>11/12/91 | NS-2A<br>RN2AB1416<br>14-16<br>11/12/91 | RN05B0204<br>2-4<br>05/22/91 | NS-6<br>RN06B0406<br>4-6<br>11/12/91 |
|--|----------------|-----------------------------------|--------------------------------|--------------------------------|---|------------------------------|--------------------------------------|
| Dioxins  |                |                                   |                                |                                |   |                              |                                      |
| 2.3.7.8-TCDD   | ND(0.0000011)  | NA                                | NA.                            | NA                             | NA                                      | Rejected                     | Rejected                             |
| TCDDs (total)  | ND(0.0000030)  | NA NA                             | NA NA                          | NA                             | NA                                      | Rejected                     | Rejected                             |
| 1,2,3,7,8-PeCDD  | ND(0.0000011)  | NA NA                             | NA NA                          | NA                             | NA                                      | NA                           | NA                                   |
| PeCDDs (total)   | ND(0.000033)   | NA NA                             | NA                             | NA                             | NA                                      | Rejected                     | Rejected                             |
| 1,2,3,4,7,8-HxCDD  | ND(0.0000028)  | NA                                | NA                             | NA                             | NA                                      | NA                           | NA                                   |
| 1,2,3,6,7,8-HxCDD  | ND(0.0000028)  | NA                                | NA                             | NA                             | NA                                      | NA                           | NA                                   |
| 1,2,3,7,8,9-HxCDD  | ND(0.0000028)  | NA                                | NA                             | NA                             | NA                                      | NA                           | NA                                   |
| HxCDDs (total)   | ND(0.0000011)  | NA                                | NA                             | NA                             | NA                                      | Rejected                     | Rejected                             |
| 1,2,3,4,6,7,8-HpCDD  | ND(0.0000028). | NA                                | NA                             | NA                             | NA                                      | NA NA                        | NA                                   |
| HpCDDs (total)   | ND(0.0000011)  | NA                                | NA                             | NA                             | NA                                      | Rejected                     | Rejected                             |
| OCDD   | 0.000033       | NA                                | NA                             | NA                             | NA                                      | Rejected                     | Rejected                             |
| Total TEQs (WHO TEFs)  | 0.0000026      | NA NA                             | NA                             | NA                             | NA                                      | NC NC                        | NC NC                                |
| Inorganics   |                |                                   |                                |                                |   |                              |                                      |
| Aluminum   | 9660           | NA                                | NA                             | NA                             | NA                                      | 8140                         | 10700                                |
| Antimony   | ND(11.3)       | NA                                | NA                             | NA                             | NA                                      | ND(2.70) N                   | 7.90 N                               |
| Arsenic  | 7.80           | NA NA                             | NA NA                          | NA                             | NA                                      | 2.90                         | 10.2 AN                              |
| Barium   | 15.7           | NA                                | NA                             | NA                             | NA                                      | 246 *                        | 152                                  |
| Beryllium  | ND(1.10)       | NA                                | NA                             | NA                             | NA                                      | 0.200 B                      | 0.290 B                              |
| Cadmium  | ND(1.10)       | NA                                | NA                             | NA                             | NA                                      | 1.20                         | 5.60                                 |
| Calcium  | 1700           | NA                                | NA                             | NA                             | NA                                      | 21500 E                      | 25000                                |
| Chromium   | 11.0           | NA                                | NA                             | NA                             | NA                                      | 25.4                         | 62.4                                 |
| Cobalt   | 11.7           | NA                                | NA                             | NA                             | NA                                      | 8.70                         | 11.9                                 |
| Copper   | 31.5           | NA                                | NA                             | NA                             | NA                                      | 193                          | 1060                                 |
| Cyanide  | ND(1.10)       | NA                                | NA                             | NA                             | NA                                      | 0.630                        | ND(0.580)                            |
| Iron   | 24800          | NA                                | NA NA                          | NA                             | NA                                      | 18300 E                      | 28400 E                              |
| Lead   | ND(22.6)       | NA                                | NA.                            | NA                             | NA                                      | 271 *                        | 520 N                                |
| Magnesium  | 4390           | NA                                | NA                             | NA                             | NA                                      | 12000                        | 11000                                |
| Manganese  | 637            | NA                                | NA                             | NA                             | NA                                      | 405 E*                       | 875                                  |
| Mercury  | NA NA          | NA NA                             | NA NA                          | NA                             | NA                                      | 4.60                         | 3.30 N*                              |
| Nickel   | 21.2           | NA                                | NA NA                          | NA                             | NA                                      | 19.3                         | 45.0                                 |
| Potassium  | ND(1130)       | NA                                | NA                             | NA                             | NA                                      | 484 B                        | 816                                  |
| Selenium   | ND(1.10)       | NA NA                             | NA NA                          | NA                             | NA                                      | ND(0.360) WN                 |                                      |
| Silver   | ND(2.20)       | NA NA                             | NA                             | NA                             | NA                                      | ND(0.600) N                  | 1.40 *                               |
| Sodium   | ND(226)        | NA                                | NA                             | NA                             | NA                                      | 268 B                        | 280 B                                |
| Sulfide  | 18.1           | NA NA                             | NA NA                          | NA                             | NA                                      | NA                           | ND(11.5)                             |
| Thallium   | ND(2.20)       | NA                                | NA                             | NA                             | NA                                      | ND(7.20) N                   | ND(0.230) W                          |
| Tin  | NA             | NA                                | NA                             | NA                             | NA                                      | NA                           | NA                                   |
| Vanadium   | ND(11.3)       | NA                                | NA                             | NA                             | NA                                      | 17.1                         | 12.4                                 |
| Zinc   | 60.5           | NA                                | NA                             | NA                             | NA                                      | 986 E                        | 806 E                                |
| Conventional Parameters  |                |                                   |                                |                                |   |                              |                                      |
| Total Phenois  | NA NA          | NA NA                             | NA                             | NA                             | NA                                      | 0.19                         | 0.31                                 |

| Location ID:<br>Sample ID:<br>Sample Depth(Feet): | NS-7<br>RN07B0204<br>2-4 | NS-7<br>RN07B1416<br>14-16 | NS-8<br>RN08B1214<br>12-14 | NS-9<br>RN09B0406<br>4-6 | NS-9<br>RN09B1214<br>12-14 | NS-9<br>RN09B1416<br>14-16 | NS-10<br>RN10B0810<br>8-10 |
|---|--------------------------|----------------------------|----------------------------|--------------------------|----------------------------|----------------------------|----------------------------|
| Parameter Date Collected:                         | 05/24/91                 | 05/24/91                   | 05/21/91                   | 10/24/91                 | 05/28/91                   | 10/25/91                   | 11/15/91                   |
| Volatile Organics                                 |                          |                            |                            |                          |                            |                            |                            |
| 1,1,1,2-Tetrachloroethane                         | NA                       | NR                         | ND(0.0070)                 | NA                       | ND(0.0060)                 | ND(0.0060)                 | ND(0.034)                  |
| 1,1,1-trichloro-2,2,2-trifluoroethane             | NA                       | NR                         | ND(0.014)                  | NA NA                    | ND(0.013)                  | ND(0.012)                  | ND(0.034)                  |
| 1,1,1-Trichloroethane                             | NA                       | NR                         | ND(0.0070)                 | NA                       | ND(0.0060)                 | ND(0.0060)                 | ND(0.068)                  |
| 1,1,2,2-Tetrachloroethane                         | NA                       | NR                         | ND(0.014)                  | NA                       | ND(0.013)                  | ND(0.012)                  | ND(0.068)                  |
| 1,1,2-trichloro-1,2,2-trifluoroethane             | NA                       | 2.0 JB                     | ND(0.014)                  | NA                       | 0.0030 JB                  | ND(0.012)                  | ND(0.034)                  |
| 1,1,2-Trichloroethane                             | NA                       | NR                         | ND(0.0070)                 | NA                       | ND(0.0060)                 | ND(0.0060)                 | ND(0.068)                  |
| 1,1-Dichloroethane                                | NA                       | NR                         | ND(0.0070)                 | NA                       | ND(0.0060)                 | ND(0.0060)                 | ND(0.068)                  |
| 1,1-Dichloroethene                                | NA                       | NR                         | ND(0.0070)                 | NA                       | ND(0.0060)                 | ND(0.0060)                 | ND(0.068)                  |
| 1,2,3-Trichloropropane                            | NA                       | NR                         | ND(0.020)                  | NA                       | ND(0.019)                  | ND(0.018)                  | ND(0.068)                  |
| 1,2-Dibrorno-3-chloropropane                      | NA NA                    | NR                         | ND(0.014)                  | NA NA                    | ND(0.013)                  | ND(0.012)                  | ND(0.034)                  |
| 1,2-Dibromoethane                                 | NA NA                    | NR<br>NO                   | ND(0.0070)                 | NA<br>NA                 | ND(0.0060)                 | ND(0.0060)                 | ND(0.034)                  |
| 1,2-Dichloroethane                                | NA<br>NA                 | NR<br>NR                   | ND(0.0070)<br>0.016        | NA<br>NA                 | ND(0.0060)<br>ND(0.0060)   | ND(0.0060)<br>ND(0.0060)   | ND(0.068)<br>ND(0.068)     |
| 1,2-Dichloroethene (total)                        | NA NA                    | NR<br>NR                   | ND(0.0070)                 | NA<br>NA                 | ND(0.0060)                 | ND(0.0060)                 | ND(0.068)                  |
| 1,2-Dichloropropane<br>1,4-Dioxane                | NA NA                    | NR<br>NR                   | NA NA                      | NA NA                    | ND(0.0000)                 | NA NA                      | NA                         |
| 2-Butanone  | NA NA                    | NR NR                      | ND(0.014)                  | NA NA                    | ND(0.013)                  | ND(0.012)                  | ND(0.068)                  |
| 2-Chloro-1,3-butadiene                            | NA NA                    | NR NR                      | NA                         | NA NA                    | NA NA                      | NA NA                      | NA NA                      |
| 2-Chloroethylvinylether                           | NA NA                    | NR                         | ND(0.014)                  | NA NA                    | ND(0.013)                  | ND(0.012)                  | ND(0.068)                  |
| 2-Hexanone  | NA                       | NR                         | ND(0.020)                  | NA NA                    | ND(0.019)                  | ND(0.018)                  | ND(0.068)                  |
| 3-Chloropropene                                   | NA                       | NR                         | ND(0.020)                  | NA                       | ND(0.019)                  | ND(0.018)                  | ND(0.034)                  |
| 4-Methyl-2-pentanone                              | NA                       | NR                         | ND(0.020)                  | NA                       | ND(0.019)                  | ND(0.018)                  | ND(0.068)                  |
| Acetone   | NA                       | 140 B                      | 0.052 B                    | NA                       | 0.039 B                    | 0.087 B                    | 0.26 B                     |
| Acetonitrile                                      | NA                       | NR                         | NA                         | NA                       | NA                         | NA                         | NA                         |
| Acrolein  | NA                       | NR                         | ND(0.12)                   | NA                       | ND(0.12)                   | ND(0.11)                   | ND(0.61)                   |
| Acrylonitrile                                     | NA                       | NR                         | ND(0.16)                   | NA                       | ND(0.15)                   | ND(0.14)                   | ND(0.81)                   |
| Benzene :   | . NA                     | NR                         | 0.069                      | NA                       | ND(0.0060)                 | ND(0.0060)                 | ND(0.068)                  |
| Bromodichloromethane                              | · NA                     | NR                         | ND(0.0070)                 | NA                       | ND(0.0060)                 | ND(0.0060)                 | ND(0.068)                  |
| Bromoform   | NA NA                    | NR                         | ND(0.014)                  | NA                       | ND(0.013)                  | ND(0.012)                  | ND(0.068)                  |
| Bromomethane                                      | NA NA                    | NR                         | ND(0.0070)                 | NA NA                    | ND(0.0060)                 | ND(0.0060)                 | ND(0.068)                  |
| Carbon Disulfide                                  | NA NA                    | NR                         | ND(0.0070)                 | NA NA                    | ND(0.0060)                 | ND(0.0060)                 | ND(0.068)                  |
| Carbon Tetrachloride                              | NA<br>NA                 | NR<br>NR                   | ND(0.0070)<br>0.21         | NA<br>NA                 | ND(0.0060)                 | ND(0.0060)<br>ND(0.0060)   | ND(0.068)<br>0.029 J       |
| Chlorobenzene<br>Chloroethane                     | NA<br>NA                 | NR<br>NR                   | ND(0.014)                  | NA<br>NA                 | ND(0.0060)<br>ND(0.013)    | ND(0.0080)                 | ND(0.068)                  |
| Chloroform  | NA NA                    | NR                         | ND(0.0070)                 | NA NA                    | ND(0.0060)                 | ND(0.0060)                 | ND(0.068)                  |
| Chloromethane                                     | NA NA                    | NR                         | ND(0.014)                  | NA<br>NA                 | ND(0.0000)                 | ND(0.012)                  | ND(0.068)                  |
| cis-1,2-Dichloroethene                            | NA NA                    | NR                         | NA NA                      | NA NA                    | NA                         | NA NA                      | NA NA                      |
| cis-1,3-Dichloropropene                           | NA                       | NR                         | ND(0.0070)                 | NA NA                    | ND(0.0060)                 | ND(0.0060)                 | ND(0.068)                  |
| cis-1,4-Dichloro-2-butene                         | NA                       | NR                         | ND(0.020)                  | NA                       | ND(0.019)                  | ND(0.018)                  | ND(0.034)                  |
| Crotonaldehyde                                    | NA                       | NR                         | ND(0.14)                   | NA                       | ND(0.13)                   | ND(0.12)                   | ND(0.034)                  |
| Dibromochloromethane                              | NA                       | NR                         | ND(0.0070)                 | NA                       | ND(0.0060)                 | ND(0.0060)                 | ND(0.068)                  |
| Dibromomethane                                    | NA                       | NR                         | ND(0.014)                  | NA NA                    | ND(0.013)                  | ND(0.012)                  | ND(0.034)                  |
| Dichlorodifluoromethane                           | NA                       | NR                         | NA                         | NA                       | NA                         | NA                         | NA                         |
| Ethyl Methacrylate                                | NA                       | NR                         | ND(0.014)                  | NA                       | ND(0.013)                  | ND(0.012)                  | ND(0.034)                  |
| Ethylbenzene                                      | NA`                      | NR                         | 0.0030 J                   | NA                       | ND(0.0060)                 | ND(0.0060)                 | 0.020 J                    |
| Iodomethane                                       | NA NA                    | NR                         | ND(0.014)                  | NA NA                    | ND(0.013)                  | ND(0.012)                  | ND(0.68)                   |
| Isobutanol  | NA<br>NA                 | NR<br>NB                   | NA<br>NA                   | NA<br>NA                 | NA<br>NA                   | NA<br>NA                   | NA<br>NA                   |
| m&p-Xylene  | NA<br>NA                 | NR<br>NB                   | NA<br>NA                   | NA<br>NA                 | NA<br>NA                   | NA<br>NA                   | NA<br>NA                   |
| Methacrylonitrile                                 | NA<br>NA                 | NR<br>NR                   | NA<br>NA                   | NA<br>NA                 | NA<br>NA                   | NA<br>NA                   | NA<br>NA                   |
| Methyl Methacrylate Methylene Chloride            | NA NA                    | 63 B                       | 0.029 B                    | NA<br>NA                 | 0.048 B                    | 0.049 B                    | 0.27 B                     |
| Pentachioroethane                                 | NA NA                    | NR                         | 0.029 B<br>NA              | NA<br>NA                 | 0.046 B                    | 0.049 B<br>NA              | NA                         |
| Propionitrile                                     | NA NA                    | NR NR                      | NA NA                      | NA NA                    | NA NA                      | NA NA                      | NA NA                      |
| Pyridine  | NA NA                    | NR                         | NA NA                      | NA NA                    | NA NA                      | NA NA                      | NA NA                      |
| Styrene   | NA NA                    | NR                         | ND(0.0070)                 | NA NA                    | ND(0.0060)                 | ND(0.0060)                 | ND(0.068)                  |
| Tetrachioroethene                                 | NA                       | NR                         | ND(0.0070)                 | NA NA                    | ND(0.0060)                 | ND(0.0060)                 | ND(0.068)                  |
| Toluene   | NA                       | NR                         | ND(0.0070)                 | NA                       | ND(0.0060)                 | ND(0.0060)                 | 0.010 J                    |
| trans-1,2-Dichloroethene                          | NA                       | NR                         | NA                         | NA                       | NA                         | NA                         | NA                         |
| trans-1,3-Dichloropropene                         | NA NA                    | NR                         | ND(0.0070)                 | NA.                      | ND(0.0060)                 | ND(0.0060)                 | ND(0.068)                  |
| trans-1,4-Dichloro-2-butene                       | NA                       | NR                         | ND(0.020)                  | NA                       | ND(0.019)                  | ND(0.018)                  | ND(0.034)                  |
| Trichloroethene                                   | NA NA                    | NR                         | 0.0080                     | NA                       | ND(0.0060)                 | ND(0.0060)                 | 0.032 J                    |
| Trichlorofluoromethane                            | NA                       | NR .                       | ND(0.0070)                 | NA NA                    | ND(0.0060)                 | ND(0.0060)                 | ND(0.034)                  |
| Vinyl Acetate                                     | NA NA                    | NR                         | ND(0.014)                  | NA NA                    | ND(0.013)                  | ND(0.012)                  | ND(0.068)                  |
| Vinyl Chloride                                    | NA NA                    | NR                         | 0.0080 J                   | NA NA                    | ND(0.013)                  | ND(0.012)                  | ND(0.068)                  |
| Xylenes (total)                                   | NA NA                    | NR                         | 0.010                      | NA                       | ND(0.0060)                 | ND(0.0060)                 | 0.42                       |

### PRE-DESIGN INVESTIGATION REPORT FOR THE NEWELL STREET AREA II REMOVAL ACTION GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

| Location ID:<br>Sample ID:<br>Sample Depth(Feet): | NS-7<br>RN07B0204<br>2-4 | NS-7<br>RN07B1416<br>14-16 | NS-8<br>RN08B1214<br>12-14 | NS-9<br>RN09B0406<br>4-6 | NS-9<br>RN09B1214<br>12-14 | NS-9<br>RN09B1416<br>14-16 | NS-10<br>RN10B0810<br>8-10 |
|---|--------------------------|----------------------------|----------------------------|--------------------------|----------------------------|----------------------------|----------------------------|
| Parameter Date Collected:                         | 05/24/91                 | 05/24/91                   | 05/21/91                   | 10/24/91                 | 05/28/91                   | 10/25/91                   | 11/15/91                   |
| Semivolatile Organics                             |                          | <u> </u>                   |                            |                          |                            |                            |                            |
| 1,2,3,4-Tetrachlorobenzene                        | NA                       | NA                         | ND(0.44)                   | NA NA                    | ND(0.42)                   | ND(0.39)                   | NR                         |
| 1,2,3,5-Tetrachlorobenzene                        | NA                       | NA NA                      | ND(0.44)                   | NA NA                    | ND(0.42)                   | ND(0.39)                   | NR                         |
| 1,2,3-Trichlorobenzene                            | NA                       | NA NA                      | 0.12 J                     | NA NA                    | ND(0.42)                   | ND(0.39)                   | NR                         |
| 1,2,4,5-Tetrachlorobenzene                        | NA                       | NA NA                      | ND(0.44)                   | NA                       | ND(0.42)                   | ND(0.39)                   | NR                         |
| 1,2,4-Trichlorobenzene                            | NA                       | NA NA                      | 0.37 J                     | NA                       | ND(0.42)                   | ND(0.39)                   | 4.2 J                      |
| 1,2-Dichlorobenzene                               | NA                       | NA                         | ND(0.44)                   | NA                       | ND(0.42)                   | ND(0.39)                   | NR                         |
| 1,2-Diphenylhydrazine                             | NA                       | NA NA                      | ND(0.44)                   | NA                       | ND(0.42)                   | ND(0.39)                   | NR                         |
| 1,3,5-Trichlorobenzene                            | NA NA                    | NA NA                      | ND(0.44)                   | NA                       | ND(0.42)                   | ND(0.39)                   | NR                         |
| 1,3,5-Trinitrobenzene                             | NA NA                    | NA NA                      | ND(0.89)                   | NA                       | ND(0.83)                   | ND(0.78)                   | NR                         |
| 1,3-Dichlorobenzene<br>1,3-Dinitrobenzene         | NA NA                    | NA<br>NA                   | ND(0.44)                   | NA NA                    | ND(0.42)                   | ND(0.39)                   | NR                         |
| 1,4-Dichlorobenzene                               | NA<br>NA                 | NA<br>NA                   | NA NA                      | NA NA                    | NA NA                      | NA NA                      | NR                         |
| 1,4-Dinitrobenzene                                | NA<br>NA                 | NA<br>NA                   | 0.096 J                    | NA<br>NA                 | ND(0.42)                   | ND(0.39)                   | 9.0 J                      |
| 1,4-Dirittoberizerie 1,4-Naphthoquinone           | NA<br>NA                 | NA<br>NA                   | ND(0.89)<br>ND(0.89)       | NA<br>NA                 | ND(0.83)                   | ND(0.78)                   | NR                         |
| 1-Chloronaphthalene                               | NA NA                    | NA NA                      | ND(0.44)                   | NA<br>NA                 | ND(0.83)                   | ND(0.78)                   | NR<br>NR                   |
| 1-Methylnaphthalene                               | NA NA                    | NA NA                      | 0.051 J                    | NA<br>NA                 | ND(0.42)<br>ND(0.42)       | ND(0.39)<br>ND(0.39)       | NR<br>NR                   |
| 1-Naphthylamine                                   | NA NA                    | NA NA                      | ND(0.89)                   | NA<br>NA                 | ND(0.42)<br>ND(0.83)       | ND(0.39)<br>ND(0.78)       | NR<br>NR                   |
| 2,3,4,6-Tetrachlorophenol                         | NA NA                    | NA NA                      | ND(0.89)                   | NA NA                    | ND(0.83)                   | ND(0.78)                   | NR NR                      |
| 2,4,5-Trichlorophenol                             | NA                       | NA                         | ND(0.89)                   | NA NA                    | ND(0.83)                   | ND(0.78)                   | NR                         |
| 2,4,6-Trichlorophenol                             | NA                       | NA.                        | ND(0.89)                   | NA NA                    | ND(0.83)                   | ND(0.78)                   | NR                         |
| 2,4-Dichlorophenol                                | NA                       | NA                         | ND(0.44)                   | NA                       | ND(0.42)                   | ND(0.39)                   | NR                         |
| 2,4-Dimethylphenol                                | NA                       | NA                         | ND(0.44)                   | NA                       | 0.061 J                    | ND(0.39)                   | NR                         |
| 2,4-Dinitrophenol                                 | NA                       | NA                         | ND(1.7)                    | NA                       | ND(1.6)                    | ND(1.5)                    | NR                         |
| 2,4-Dinitrotoluene                                | NA                       | NA                         | ND(0.44)                   | NA                       | ND(0.42)                   | ND(0.39)                   | . NR                       |
| 2,6-Dichlorophenol                                | NA                       | NA                         | ND(0.89)                   | NA                       | ND(0.83)                   | ND(0.78)                   | NR                         |
| 2,6-Dinitrotoluené                                | NA                       | NA NA                      | ND(0.44)                   | NA                       | ND(0.42)                   | ND(0.39)                   | NR                         |
| 2-Acetylaminofluorene                             | NA                       | NA                         | ND(0.44)                   | NA                       | ND(0.42)                   | ND(0.39)                   | NR                         |
| 2-Chloronaphthalene                               | NA NA                    | NA NA                      | ND(0.44)                   | NA                       | ND(0.42)                   | ND(0.39)                   | NR                         |
| 2-Ghlorophenol                                    | NA                       | NA NA                      | ND(0.44)                   | NA                       | ND(0.42)                   | ND(0.39)                   | NR                         |
| 2-Methylnaphthalene<br>2-Methylphenol             | NA<br>NA                 | NA<br>NA                   | ND(0.44)                   | NA NA                    | ND(0.42)                   | ND(0.39)                   | NR                         |
| 2-Naphthylamine                                   | NA NA                    | NA<br>NA                   | ND(0.44)                   | NA NA                    | ND(0.42)                   | ND(0.39)                   | NR                         |
| 2-Nitroaniline                                    | NA NA                    | NA NA                      | ND(0.89)                   | NA<br>NA                 | ND(0.83)                   | ND(0.78)                   | NR                         |
| 2-Nitrophenol                                     | NA NA                    | NA NA                      | ND(0.44)<br>ND(0.44)       | NA<br>NA                 | ND(0.42)                   | ND(0.39)                   | NR<br>NB                   |
| 2-Phenylenediamine                                | NA NA                    | NA NA                      | ND(0.44)                   | NA<br>NA                 | ND(0.42)<br>ND(0.42)       | ND(0.39)<br>ND(0.39)       | NR<br>NR                   |
| 2-Picoline  | NA NA                    | NA NA                      | ND(0.89)                   | NA NA                    | ND(0.42)                   | ND(0.39)                   | NR NR                      |
| 3&4-Methylphenol                                  | NA                       | NA NA                      | ND(0.44)                   | NA NA                    | ND(0.42)                   | ND(0.39)                   | NR NR                      |
| 3,3'-Dichlorobenzidine                            | NA                       | NA NA                      | ND(0.44)                   | NA NA                    | ND(0.42)                   | ND(0.39)                   | NR                         |
| 3,3'-Dimethoxybenzidine                           | NA                       | NA                         | ND(0.44)                   | NA NA                    | ND(0.42)                   | ND(0.39)                   | NR                         |
| 3,3'-Dimethylbenzidine                            | NA                       | NA                         | ND(0.89)                   | NA                       | ND(0.83)                   | ND(0.78)                   | NR                         |
| 3-Methylcholanthrene                              | NA                       | NA                         | ND(0.44)                   | NA                       | ND(0.42)                   | ND(0.39)                   | NR                         |
| 3-Methylphenol                                    | NA                       | NA                         | NA                         | NA                       | 0.054 JZ                   | NA                         | NR                         |
| 3-Nitroanifine                                    | NA                       | NA NA                      | ND(0.89)                   | NA                       | ND(0.83)                   | ND(0.78)                   | NR                         |
| 3-Phenylenediamine                                | NA NA                    | NA                         | ND(0.44)                   | NA                       | ND(0.42)                   | ND(0.39)                   | NR                         |
| 4,4'-Methylene-bis(2-chloroaniline)               | NA NA                    | NA NA                      | ND(0.44)                   | NA NA                    | ND(0.42)                   | ND(0.39)                   | NR                         |
| 4,6-Dinitro-2-methylphenol                        | NA NA                    | NA NA                      | ND(1.3)                    | NA NA                    | ND(1.3)                    | ND(1.2)                    | NR                         |
| 4-Aminobiphenyl                                   | NA NA                    | NA NA                      | ND(0.44)                   | NA NA                    | ND(0.42)                   | ND(0.39)                   | NR                         |
| 4-Bromophenyl-phenylether                         | NA NA                    | NA NA                      | ND(0.44)                   | NA 1                     | ND(0.42)                   | ND(0.39)                   | NR                         |
| 4-Chloro-3-Methylphenol 4-Chloroaniline           | NA<br>NA                 | NA NA                      | ND(0.44)                   | NA NA                    | ND(0.42)                   | ND(0.39)                   | NR                         |
| 4-Chlorobenzilate                                 | NA<br>NA                 | NA<br>NA                   | ND(0.44)                   | NA<br>NA                 | ND(0.42)                   | ND(0.39)                   | NR NR                      |
| 4-Chlorophenyl-phenylether                        | NA<br>NA                 | NA NA                      | ND(0.44)<br>ND(0.44)       | NA NA                    | ND(0.42)                   | ND(0.39)                   | NR NR                      |
| 4-Methylphenol                                    | NA NA                    | NA NA                      | NA NA                      | NA<br>NA                 | ND(0.42)<br>0.054 JZ       | ND(0.39)                   | NR<br>NB                   |
| 4-Nitroaniline                                    | NA NA                    | NA NA                      | ND(0.89)                   | NA<br>NA                 | ND(0.83)                   | NA<br>ND(0.78)             | NR<br>ND                   |
| 4-Nitrophenol                                     | NA NA                    | NA NA                      | ND(0.44)                   | NA NA                    | ND(0.83)<br>ND(0.42)       | ND(0.78)<br>ND(0.39)       | NR<br>NR                   |
| 4-Nitroquinoline-1-oxide                          | NA NA                    | NA NA                      | NA NA                      | NA NA                    | ND(0.42)<br>NA             | ND(0.39)<br>NA             | NR<br>NR                   |
| 4-Phenylenediamine                                | NA NA                    | NA I                       | ND(0.44)                   | NA NA                    | ND(0.42)                   | ND(0.39)                   | NR<br>NR                   |
| 5-Nitro-o-toluidine                               | NA                       | NA NA                      | ND(0.89)                   | NA NA                    | ND(0.42)<br>ND(0.83)       | ND(0.39)<br>ND(0.78)       | NR<br>NR                   |
| 7,12-Dimethylbenz(a)anthracene                    | NA NA                    | NA NA                      | ND(0.44)                   | NA I                     | ND(0.42)                   | ND(0.78)                   | NR                         |
| a,a'-Dimethylphenethylamine                       | NA                       | NA NA                      | ND(0.44)                   | NA I                     | ND(0.42)                   | ND(0.39)                   | NR<br>NR                   |
| Acenaphthene                                      | NA                       | NA NA                      | ND(0.44)                   | NA NA                    | ND(0.42)                   | 0.040 J                    | 5.6 J                      |
| Acenaphthylene                                    | NA                       | NA NA                      | ND(0.44)                   | NA NA                    | 0.062 J                    | 0.15 J                     | NR                         |
| Acetophenone                                      | NA                       | NA NA                      | ND(0.44)                   | NA NA                    | ND(0.42)                   | ND(0.39)                   | NR NR                      |

## PRE-DESIGN INVESTIGATION REPORT FOR THE NEWELL STREET AREA II REMOVAL ACTION GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

| Location ID:<br>Sample ID:<br>Sample Depth(Feet):<br>Parameter Date Collected: | NS-7<br>RN07B0204<br>2-4<br>05/24/91 | NS-7<br>RN07B1416<br>14-16<br>05/24/91 | NS-8<br>RN08B1214<br>12-14<br>05/21/91 | NS-9<br>RN09B0406<br>4-6<br>10/24/91 | NS-9<br>RN09B1214<br>12-14<br>05/28/91 | NS-9<br>RN09B1416<br>14-16<br>10/25/91 | NS-10<br>RN10B0810<br>8-10<br>11/15/91 |
|--|--------------------------------------|--|--|--------------------------------------|--|--|--|
| Semivolatile Organics(continued)   |                                      |  |  | <u> </u>                             |  |  |  |
| Aniline  | NA                                   | NA                                     | ND(0.44)                               | NA NA                                | ND(0.42)                               | ND(0.39)                               | NR                                     |
| Anthracene   | NA                                   | NA                                     | ND(0.44)                               | NA                                   | 0.063 J                                | 0.30 J                                 | 27                                     |
| Aramite  | NA                                   | NA                                     | NA                                     | NA                                   | NA                                     | NA                                     | NR                                     |
| Benzal chloride  | NA                                   | NA                                     | ND(0.44)                               | NA                                   | ND(0.42)                               | ND(0.39)                               | NR                                     |
| Benzidine  | NA                                   | NA                                     | ND(0.44)                               | NA                                   | ND(0.42)                               | ND(0.39)                               | NR                                     |
| Benzo(a)anthracene   | NA                                   | NA                                     | ND(0.44)                               | NA NA                                | 0.29 J                                 | 0.92                                   | 77                                     |
| Benzo(a)pyrene   | NA                                   | NA                                     | ND(0.44)                               | NA NA                                | 0.35 J                                 | 0.67                                   | 25 J                                   |
| Benzo(b)fluoranthene   | NA                                   | NA                                     | ND(0.44)                               | NA                                   | 0.22 J                                 | 1.1 Z                                  | 45 Z                                   |
| Benzo(g,h,i)perylene   | NA NA                                | NA                                     | ND(0.44)                               | NA NA                                | 0.22 J                                 | 0.40                                   | 14 J                                   |
| Benzo(k)fluoranthene   | NA NA                                | NA NA                                  | ND(0.44)                               | NA NA                                | 0.57                                   | 1.1 Z<br>ND(3.9)                       | 45 Z<br>NR                             |
| Benzoic Acid   | NA                                   | NA NA                                  | 0.23 J                                 | NA<br>NA                             | ND(4.2)                                | ND(3.9)<br>ND(0.78)                    | NR NR                                  |
| Benzotrichloride   | NA NA                                | NA NA                                  | ND(0.89)                               | NA<br>NA                             | ND(0.83)<br>ND(0.42)                   | ND(0.78)                               | NR NR                                  |
| Benzyl Alcohol   | NA<br>NA                             | NA<br>NA                               | ND(0.44)<br>ND(0.44)                   | NA<br>NA                             | ND(0.42)<br>ND(0.42)                   | NA NA                                  | NR NR                                  |
| Benzyl Chloride  | NA<br>NA                             | NA<br>NA                               | ND(0.44)                               | NA NA                                | ND(0.42)                               | ND(0.39)                               | NR                                     |
| bis(2-Chloroethoxy)methane   | NA<br>NA                             | NA<br>NA                               | ND(0.89)                               | NA NA                                | ND(0.42)                               | ND(0.78)                               | NR                                     |
| bis(2-Chloroethyl)ether bis(2-Chloroisopropyl)ether                            | NA<br>NA                             | NA NA                                  | ND(0.44)                               | NA NA                                | ND(0.42)                               | ND(0.39)                               | NR                                     |
| bis(2-Chioroisopropyr)ether<br>bis(2-Ethylhexyl)phthalate                      | NA NA                                | T NA                                   | 0.75                                   | NA NA                                | 0.28 JB                                | 0.067 J                                | NR                                     |
| Butylbenzylphthalate   | NA NA                                | NA NA                                  | ND(0.44)                               | NA NA                                | ND(0.42)                               | 0.042 JB                               | NR                                     |
| Chrysene   | NA NA                                | NA NA                                  | 0.055 J                                | NA NA                                | 0.33 J                                 | 0.77                                   | 42                                     |
| Cyclophosphamide   | NA                                   | NA                                     | ND(2.1)                                | NA NA                                | ND(2.0)                                | ND(1.9)                                | NR                                     |
| Diallate   | NA                                   | NA                                     | ND(0.44)                               | NA                                   | ND(0.42)                               | ND(0.39)                               | NR                                     |
| Dibenz(a,j)acridine  | NA                                   | NA                                     | ND(0.44)                               | NA                                   | ND(0.42)                               | ND(0.39)                               | NR                                     |
| Dibenzo(a,h)anthracene   | NA                                   | NA                                     | ND(0.44)                               | NA                                   | 0.073 J                                | 0.11 J                                 | 4.8 J                                  |
| Dibenzofuran   | NA                                   | NA                                     | ND(0.44)                               | NA                                   | ND(0.42)                               | ND(0.39)                               | 9.6 J                                  |
| Diethylphthalate   | NA                                   | NA                                     | ND(0.44)                               | NA                                   | ND(0.42)                               | ND(0.39)                               | NR                                     |
| Dimethylphthalate  | NA                                   | NA                                     | ND(0.44)                               | NA                                   | ND(0.42)                               | ND(0.39)                               | NR                                     |
| Di-n-Butylphthalate  | NA                                   | NA                                     | ND(0.44)                               | NA NA                                | 0.089 J                                | ND(0.39)                               | NR                                     |
| Di-n-Octylphthalate  | NA                                   | NA                                     | ND(0.44)                               | NA                                   | ND(0.42)                               | ND(0.39)                               | NR                                     |
| Dinoseb  | NA NA                                | NA NA                                  | NA NA                                  | NA                                   | NA                                     | NA                                     | NR                                     |
| Diphenylamine  | NA NA                                | NA                                     | ND(0.44)                               | NA NA                                | ND(0.42)                               | ND(0.39)                               | NR                                     |
| Ethyl Methanesulfonate   | NA NA                                | NA NA                                  | ND(0.44)                               | NA NA                                | ND(0.42)                               | ND(0.39)                               | NR NR                                  |
| Fluoranthene   | NA NA                                | NA NA                                  | ND(0.44)                               | NA NA                                | 0.43                                   | 1.6<br>0.29 J                          | 89<br>15 J                             |
| Fluorene   | NA NA                                | NA NA                                  | ND(0.44)                               | NA<br>NA                             | ND(0.42)                               | ND(0.39)                               | NR                                     |
| Hexachlorobenzene  | NA<br>NA                             | NA<br>NA                               | ND(0.44)<br>ND(0.44)                   | NA<br>NA                             | ND(0.42)<br>ND(0.42)                   | ND(0.39)                               | NR NR                                  |
| Hexachlorobutadiene  | NA<br>NA                             | NA NA                                  | ND(0.44)                               | NA NA                                | ND(0.42)                               | ND(0.39)                               | NR NR                                  |
| Hexachlorocyclopentadiene  | NA NA                                | NA NA                                  | ND(0.44)                               | NA NA                                | ND(0.42)                               | ND(0.39)                               | NR                                     |
| Hexachioroethane Hexachiorophene   | NA NA                                | NA NA                                  | NA NA                                  | NA NA                                | NA NA                                  | NA NA                                  | NR                                     |
| Hexachloropropene  | NA NA                                | NA NA                                  | ND(0.44)                               | NA                                   | ND(0.42)                               | ND(0.39)                               | NR                                     |
| Indeno(1,2,3-cd)pyrene   | NA NA                                | NA NA                                  | ND(0.44)                               | NA NA                                | 0.17 J                                 | 0.35 J                                 | 14 J                                   |
| Isodrin  | NA                                   | NA                                     | NA NA                                  | NA                                   | NA                                     | NA                                     | NR                                     |
| Isophorone   | NA.                                  | NA                                     | ND(0.44)                               | NA                                   | ND(0.42)                               | ND(0.39)                               | NR                                     |
| Isosafrole   | NA                                   | NA                                     | ND(0.89)                               | NA                                   | ND(0.83)                               | ND(0.78)                               | NR                                     |
| Methapyrilene  | NA                                   | NA                                     | ND(0.89)                               | NA                                   | ND(0.83)                               | ND(0.78)                               | NR                                     |
| Methyl Methanesulfonate  | NA                                   | NA                                     | ND(0.44)                               | NA                                   | ND(0.42)                               | ND(0.39)                               | NR                                     |
| Naphthalene  | NA                                   | NA                                     | ND(0.44)                               | NA                                   | ND(0.42)                               | ND(0.39)                               | NR                                     |
| Nitrobenzene   | NA                                   | NA                                     | ND(0.44)                               | NA                                   | ND(0.42)                               | ND(0.39)                               | NR                                     |
| N-Nitrosodiethylamine  | NA                                   | NA                                     | ND(0.44)                               | NA                                   | ND(0.42)                               | ND(0.39)                               | NR                                     |
| N-Nitrosodimethylamine   | NA                                   | NA                                     | ND(0.44)                               | NA                                   | ND(0.42)                               | ND(0.39)                               | NR                                     |
| N-Nitroso-di-n-butylamine  | NA NA                                | NA NA                                  | ND(0.44)                               | NA NA                                | ND(0.42)                               | ND(0.39)                               | NR NR                                  |
| N-Nitroso-di-n-propylamine   | NA NA                                | NA NA                                  | ND(0.44)                               | NA NA                                | ND(0.42)                               | ND(0.39)                               | NR                                     |
| N-Nitrosodiphenylamine   | NA NA                                | NA NA                                  | ND(0.44)                               | NA NA                                | ND(0.42)                               | ND(0.39)                               | NR<br>NB                               |
| N-Nitrosomethylethylamine  | NA NA                                | NA NA                                  | ND(0.44)                               | ↓ NA                                 | ND(0.42)                               | ND(0.39)                               | NR NR                                  |
| N-Nitrosomorpholine  | NA NA                                | NA NA                                  | ND(0.44)                               | NA NA                                | ND(0.42)                               | ND(0.39)                               | NR<br>NB                               |
| N-Nitrosopiperidine  | NA NA                                | NA NA                                  | ND(0.44)                               | NA<br>NA                             | ND(0.42)                               | ND(0.39)                               | NR<br>NB                               |
| N-Nitrosopyrrolidine   | NA NA                                | NA NA                                  | ND(0.44)                               | NA NA                                | ND(0.42)                               | ND(0.39)                               | NR<br>NB                               |
| o,o,o-Triethylphosphorothioate   | NA<br>NA                             | + NA                                   | NA<br>ND(0.44)                         | NA NA                                | NA<br>ND(0.43)                         | NA<br>NDV0 301                         | NR<br>NR                               |
| o-Toluidine  | NA<br>NA                             | NA NA                                  | ND(0.44)                               | NA NA                                | ND(0.42)                               | ND(0.39)<br>ND(0.39)                   | NR NR                                  |
| Paraldehyde  | NA NA                                | NA NA                                  | ND(0.44)                               | NA NA                                | ND(0.42)                               | ND(0.39)<br>ND(0.39)                   | NR NR                                  |
| p-Dimethylaminoazobenzene  | NA NA                                | NA NA                                  | ND(0.44)                               | NA<br>NA                             | ND(0.42)<br>ND(0.42)                   | ND(0.39)                               | NR NR                                  |
| Pentachlorobenzene Pentachloroethane   | NA<br>NA                             | NA<br>NA                               | ND(0.44)<br>ND(0.44)                   | NA<br>NA                             | ND(0.42)<br>ND(0.42)                   | ND(0.39)                               | NR NR                                  |
|  | : NA                                 | · 10475                                | 1 141.511.4441                         | 1 (%/-5                              | 1 14010,461                            | I PAULUTUS !                           | 3 1/87%                                |

| Location ID:<br>Sample ID:<br>Sample Depth(Feet):<br>Parameter Date Collected: | NS-7<br>RN07B0204<br>2-4<br>05/24/91    | NS-7<br>RN07B1416<br>14-16<br>05/24/91 | NS-8<br>RN08B1214<br>12-14<br>05/21/91 | NS-9<br>RN09B0406<br>4-6<br>10/24/91 | NS-9<br>RN09B1214<br>12-14<br>05/28/91 | NS-9<br>RN09B1416<br>14-16<br>10/25/91 | NS-10<br>RN10B0810<br>8-10<br>11/15/91 |
|--|---|--|--|--------------------------------------|--|--|--|
| Semivolatile Organics(continued)   |   |  | 00/21/01                               | 10/2-7/01                            | 1 00/20/01                             | 10/20/01                               | 1110101                                |
| Pentachlorophenol I  | NA                                      | NA NA                                  | ND(0.89)                               | NA                                   | ND(0.83)                               | ND(0.78)                               | NR                                     |
| Phenacetin   | NA NA                                   | NA NA                                  | ND(0.44)                               | NA NA                                | ND(0.63)                               | ND(0.78)                               | NR NR                                  |
| Phenanthrene   | NA NA                                   | NA NA                                  | 0.074 J                                | NA NA                                | 0.19 J                                 | 2.5                                    | 110                                    |
| Phenol   | NA NA                                   | NA NA                                  | ND(0.44)                               | NA NA                                | 0.19 J                                 | ND(0.39)                               | NR                                     |
| Pronamide  | NA NA                                   | NA NA                                  | ND(0.44)                               | NA NA                                | ND(0.42)                               | ND(0.39)                               | NR                                     |
| Pyrene   | NA NA                                   | NA NA                                  | ND(0.44)                               | NA NA                                | 0.40 J                                 | 2.0                                    | 71                                     |
| Pyridine   | NA NA                                   | NA.                                    | ND(0.44)                               | NA NA                                | ND(0.42)                               | ND(0.39)                               | NR                                     |
| Safrole  | NA NA                                   | NA.                                    | ND(0.44)                               | NA NA                                | ND(0.42)                               | ND(0.39)                               | NR NR                                  |
| Thionazin  | NA NA                                   | NA.                                    | ND(0.44)                               | NA NA                                | ND(0.42)                               | ND(0.39)                               | NR NR                                  |
| Organochlorine Pesticides  |   | <u> </u>                               | .,(0.1.1)                              |                                      | 110(0.42)                              | 145(0.05)                              | 1411                                   |
| 4.4'-DDD   | NA                                      | NA                                     | ND(0.17)                               | NA                                   | NA                                     | ND(0.0040)                             | NA NA                                  |
| 4.4'-DDE   | NA NA                                   | NA NA                                  | ND(0.17)                               | NA NA                                | NA NA                                  | ND(0.0040)                             | NA NA                                  |
| 4,4'-DDT   | NA                                      | NA NA                                  | ND(0.17)                               | NA NA                                | NA NA                                  | ND(0.0040)                             | NA NA                                  |
| Aldrin   | NA NA                                   | NA NA                                  | ND(0.050)                              | NA NA                                | NA NA                                  | ND(0.0040)                             | NA NA                                  |
| Alpha-BHC  | NA NA                                   | NA NA                                  | ND(0.050)                              | NA NA                                | NA NA                                  | ND(0.0012)                             | NA<br>NA                               |
| Beta-BHC   | NA NA                                   | NA NA                                  | ND(0.050)                              | NA NA                                | NA NA                                  | ND(0.0012)                             | NA NA                                  |
| Delta-BHC  | NA NA                                   | NA NA                                  | ND(0.050)                              | NA NA                                | NA NA                                  | ND(0.0012)                             | NA<br>NA                               |
| Dieldrin   | NA NA                                   | NA NA                                  | ND(0.075)                              | NA NA                                | NA<br>NA                               | ND(0.0012)                             | NA<br>NA                               |
| Endosulfan I   | NA                                      | NA NA                                  | ND(0.075)                              | NA NA                                | NA NA                                  | ND(0.0017)                             | NA NA                                  |
| Endosulfan II  | NA                                      | NA NA                                  | ND(0.17)                               | NA NA                                | NA NA                                  | ND(0.0040)                             | NA<br>NA                               |
| Endosulfan Sulfate   | NA NA                                   | NA NA                                  | ND(0.10)                               | NA NA                                | NA NA                                  | ND(0.0043)                             | NA NA                                  |
| Endrin   | NA                                      | NA NA                                  | ND(0.12)                               | NA NA                                | NA NA                                  | ND(0.0029)                             | NA NA                                  |
| Endrin Aldehyde  | NA                                      | NA NA                                  | ND(0.050)                              | NA NA                                | NA NA                                  | ND(0.0029)                             | NA<br>NA                               |
| Gamma-BHC (Lindane)  | NA NA                                   | NA NA                                  | ND(0.050)                              | NA NA                                | NA NA                                  | ND(0.0012)                             | NA<br>NA                               |
| Heptachlor   | NA                                      | NA NA                                  | ND(0.050)                              | · NA                                 | NA<br>NA                               | ND(0.0012)                             | NA<br>NA                               |
| Heptachlor Epoxide   | NA                                      | NA NA                                  | ND(0.050)                              | NA NA                                | NA NA                                  | ND(0.0012)                             | NA<br>NA                               |
| Kepone   | NA NA                                   | NA NA                                  | ND(0.050)                              | NA<br>NA                             | NA NA                                  | ND(0.0012)                             | NA<br>NA                               |
| Methoxychlor   | NA                                      | NA I                                   | ND(0.17)                               | NA NA                                | NA<br>NA                               | ND(0.0012)                             | NA<br>NA                               |
| Technical Chlordane  | NA NA                                   | NA NA                                  | ND(0.20)                               | NA NA                                | NA<br>NA                               | ND(0.0046)                             | NA<br>NA                               |
| Toxaphene  | NA                                      | NA NA                                  | ND(1.0)                                | NA NA                                | NA NA                                  | ND(0.0040)                             | NA NA                                  |
| Organophosphate Pesticides   |   | L                                      | 145(1.0)                               | 11/7                                 | 14/5                                   | ND(0.023)                              | 1474                                   |
| Dimethoate   | NA                                      | NA I                                   | ND(0.44)                               | NA I                                 | ND(0.42)                               | ND(0.20)                               | N/A                                    |
| Disulfoton   | NA NA                                   | NA NA                                  | NA NA                                  | NA NA                                | ND(0.42)                               | ND(0.39)                               | NA<br>NA                               |
| Ethyl Parathion  | NA NA                                   | NA NA                                  | NA NA                                  | NA NA                                | NA<br>NA                               | NA<br>NA                               | NA<br>NA                               |
| Famphur  | NA NA                                   | NA<br>NA                               | NA NA                                  | NA<br>NA                             | NA<br>NA                               | NA<br>NA                               | NA<br>NA                               |
| Methyl Parathion   | NA NA                                   | NA NA                                  | NA NA                                  | NA NA                                | NA<br>NA                               | NA<br>NA                               |  |
| Phorate  | NA NA                                   | NA NA                                  | NA NA                                  | NA NA                                | ************************************** |  | NA NA                                  |
| Sulfotep   | NA NA                                   | NA I                                   | NA NA                                  | NA NA                                | NA<br>NA                               | NA<br>NA                               | NA NA                                  |
| Herbicides   |   | 101                                    | 777                                    |                                      | 18/4                                   | IVA                                    | NA                                     |
| 2,4,5-T  | ND(0.058)                               | ND(0.029)                              | ND(0.14)                               | NA I                                 | ND(0.032)                              | ND(0.029)                              | N/A                                    |
| 2,4,5-TP   | ND(0.058)                               | ND(0.029)                              | ND(0.14)<br>ND(0.14)                   | NA<br>NA                             | ND(0.032)<br>ND(0.032)                 |  | NA<br>NA                               |
| 2,4-D  | ND(0.038)                               | ND(0.029)                              | ND(0.14)                               | NA<br>NA                             | ND(0.032)<br>ND(0.13)                  | ND(0.029)<br>ND(0.12)                  | NA NA                                  |
| Dinoseb  | NA<br>NA                                | NA NA                                  | NA NA                                  | NA NA                                | ND(0.13)<br>NA                         | ND(0.12)<br>NA                         | NA<br>NA                               |
| Furans   | 710                                     | 11/7                                   | 11/1                                   |                                      | IVA                                    | 14/4                                   | IVA                                    |
| 2,3,7,8-TCDF   | NA                                      | Rejected                               | Rejected                               | NA T                                 | Boiostad !                             | Data -tt                               | N1.4                                   |
| TCDFs (total)  | NA NA                                   | Rejected                               | Rejected<br>Rejected                   | NA<br>NA                             | Rejected                               | Rejected                               | NA NA                                  |
| 1,2,3,7,8-PeCDF  | NA NA                                   | NA NA                                  | NA NA                                  | NA<br>NA                             | Rejected                               | Rejected                               | NA NA                                  |
| 2,3,4,7,8-PeCDF  | NA NA                                   | NA NA                                  | NA NA                                  | NA NA                                | NA<br>NA                               | NA NA                                  | NA NA                                  |
| PeCDFs (total)   | NA NA                                   | Rejected                               | Rejected                               | NA NA                                | NA Poisstad                            | NA Poisstad                            | NA<br>NA                               |
| 1,2,3,4,7,8-HxCDF  | NA NA                                   | NA NA                                  | NA NA                                  | NA NA                                | Rejected                               | Rejected                               | NA NA                                  |
| 1,2,3,6,7,8-HxCDF  | NA NA                                   | NA NA                                  | NA NA                                  | NA NA                                | NA<br>NA                               | NA NA                                  | NA NA                                  |
| 1,2,3,7,8,9-HxCDF  | NA NA                                   | NA NA                                  | NA NA                                  | NA NA                                | NA<br>NA                               | NA NA                                  | NA NA                                  |
| 2,3,4,6,7,8-HxCDF  | NA NA                                   | NA NA                                  | NA NA                                  | NA NA                                |  | NA NA                                  | NA NA                                  |
| HxCDFs (total)   | NA NA                                   | Rejected                               | Rejected                               |                                      | NA<br>Paigated                         | NA Daiseas                             | NA NA                                  |
|  | NA NA                                   | NA NA                                  | NA NA                                  | NA NA                                | Rejected                               | Rejected                               | NA NA                                  |
| 1234678-HnCDF  |   | 17674 1                                | I PARI                                 | API AVI                              | NA I                                   | NA I                                   | . NA                                   |
| 1,2,3,4,6,7,8-HpCDF  | ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~ |  | <del></del>                            | 814                                  | 3.1.4                                  | \$1.5                                  | A ( *                                  |
| 1,2,3,4,6,7,8-HpCDF<br>1,2,3,4,7,8,9-HpCDF<br>HpCDFs (total)                   | NA<br>NA                                | NA<br>Rejected                         | NA<br>Rejected                         | NA<br>NA                             | NA<br>Rejected                         | NA<br>Rejected                         | NA<br>NA                               |

### PRE-DESIGN INVESTIGATION REPORT FOR THE NEWELL STREET AREA II REMOVAL ACTION GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

| Parameter       | Location ID:<br>Sample ID:<br>Sample Depth(Feet):<br>Date Collected: | NS-7<br>RN07B0204<br>2-4<br>05/24/91 | NS-7<br>RN07B1416<br>14-16<br>05/24/91 | NS-8<br>RN08B1214<br>12-14<br>05/21/91 | NS-9<br>RN09B0406<br>4-6<br>10/24/91 | NS-9<br>RN09B1214<br>12-14<br>05/28/91 | NS-9<br>RN09B1416<br>14-16<br>10/25/91 | NS-10<br>RN10B0810<br>8-10<br>11/15/91 |
|-----------------|--|--------------------------------------|--|--|--------------------------------------|--|--|--|
| Dioxins         |  |                                      |  |  |                                      |  |  |  |
| 2,3,7,8-TCDD    |  | NA                                   | Rejected                               | Rejected                               | NA                                   | Rejected                               | Rejected                               | NA                                     |
| TCDDs (total)   |  | NA                                   | Rejected                               | Rejected                               | NA                                   | Rejected                               | Rejected                               | NA                                     |
| 1,2,3,7,8-PeCD  | DD   | NA                                   | NA                                     | NA                                     | NA                                   | NA                                     | NA                                     | NA                                     |
| PeCDDs (total)  |  | NA                                   | Rejected                               | Rejected                               | NA                                   | Rejected                               | Rejected                               | NA                                     |
| 1,2,3,4,7,8-HxC | CDD  | NA                                   | NA NA                                  | NA                                     | NA                                   | NA                                     | NA                                     | NA                                     |
| 1,2,3,6,7,8-HxC | CDD  | NA                                   | NA.                                    | NA                                     | NA                                   | NA                                     | NA                                     | NA                                     |
| 1,2,3,7,8,9-HxC | CDD  | NA                                   | NA                                     | NA                                     | NA                                   | NA                                     | NA                                     | NA                                     |
| HxCDDs (total)  |  | NA                                   | Rejected                               | Rejected                               | NA                                   | Rejected                               | Rejected                               | NA                                     |
| 1,2,3,4,6,7,8-H | pCDD   | NA                                   | NA                                     | NA                                     | NA                                   | NA                                     | NA                                     | NA                                     |
| HpCDDs (total)  | )  | NA                                   | Rejected                               | Rejected                               | NA                                   | Rejected                               | Rejected                               | NA                                     |
| OCDD            |  | NA                                   | Rejected                               | Rejected                               | NA                                   | Rejected                               | Rejected                               | NA                                     |
| Total TEQs (W   | HO TEFs)   | NA                                   | NC                                     | NC                                     | NA                                   | NC                                     | NC                                     | NA                                     |
| Inorganics      |  |                                      |  |  |                                      |  |  |  |
| Aluminum        |  | NA                                   | NA                                     | 11400                                  | NA                                   | 8620                                   | 8830                                   | NA                                     |
| Antimony        |  | NA                                   | NA                                     | ND(3.30) N                             | NA                                   | ND(4.20) N                             | ND(4.40) N                             | NA                                     |
| Arsenic         |  | NA                                   | NA NA                                  | 7.10                                   | NA                                   | 3.40 AN                                | 4.70                                   | NA                                     |
| Barium          |  | NA                                   | NA                                     | 670 °                                  | NA                                   | 27.4                                   | 17.0 B                                 | NA                                     |
| Beryllium       |  | NA                                   | NA NA                                  | 0.550 B                                | NA                                   | 0.210 B                                | ND(0.120)                              | NA                                     |
| Cadmium         |  | NA                                   | NA                                     | ND(0.610)                              | NA                                   | ND(0.510)                              | ND(0.610)                              | NA                                     |
| Calcium         |  | NA                                   | NA                                     | 1420 E                                 | NA                                   | 23300                                  | 9840 *                                 | NA                                     |
| Chromium        |  | NA                                   | NA                                     | 19.7                                   | NA                                   | 9.20                                   | 10.0                                   | NA                                     |
| Cobalt          |  | NA                                   | NA                                     | 11.3                                   | NA                                   | 9.20                                   | 13.2                                   | NA                                     |
| Copper          |  | NΑ                                   | NA '                                   | 233                                    | NA                                   | 20.9                                   | 62.8 N*                                | NA                                     |
| Cyanide         |  | NA                                   | NA .                                   | ND(0.670)                              | NA                                   | ND(0.640)                              | ND(0.590)                              | NA                                     |
| Iron            |  | NA                                   | NA                                     | 23100 E                                | NA                                   | 19400                                  | 21200 E                                | NA                                     |
| Lead            |  | NA                                   | NA                                     | 235 *                                  | NA                                   | 13.8 A                                 | 64.5 N                                 | NA                                     |
| Magnesium       |  | NA                                   | NA                                     | 3840                                   | NA .                                 | 14300                                  | 7620 *                                 | NA                                     |
| Manganese       |  | NA                                   | NA                                     | 195 E* ·                               | NA                                   | 415                                    | 668                                    | NA                                     |
| Mercury         |  | NA                                   | NA                                     | 0.160                                  | NA                                   | ND(0.130)                              | ND(0.120)                              | NA                                     |
| Nickel          |  | NA                                   | NA                                     | 27.6                                   | NA                                   | 17.3                                   | 19.7                                   | NA NA                                  |
| Potassium       |  | NA                                   | NA                                     | 649 B                                  | NA                                   | 1040                                   | 307 B                                  | NA                                     |
| Selenium        |  | NA                                   | NA I                                   | ND(0.910) N                            | NA                                   | ND(0.510) WN                           | ND(0.360) WN                           | NA                                     |
| Silver          |  | NA NA                                | NA                                     | ND(0.760) N                            | NA                                   | ND(0.630) N                            | ND(0.740) N                            | NA                                     |
| Sodium          |  | NA NA                                | NA                                     | 368 B                                  | NA                                   | 192 B                                  | 171 B                                  | NA                                     |
| Sulfide         |  | NA                                   | NA NA                                  | NA NA                                  | NA                                   | NA                                     | 15.4                                   | NA                                     |
| Thallium        |  | NA                                   | NA                                     | ND(9.10) WN                            | NA                                   | ND(0.380)                              | ND(0.240) W                            | NA                                     |
| Tin             |  | NA                                   | NA                                     | NA                                     | NA                                   | NA NA                                  | NA                                     | NA                                     |
| Vanadium        |  | NA                                   | NA                                     | 19.2                                   | NA NA                                | 8.60                                   | 8.30                                   | NA                                     |
| Zinc            |  | NA                                   | NA                                     | 216 E                                  | NA                                   | 65.1                                   | 86.7 E                                 | NA                                     |
| Conventional    | Parameters   |                                      |  |  |                                      |  |  |  |
| Total Phenois   |  | NA                                   | NA                                     | 0.42                                   | 0.35                                 | ND(0.13)                               | 0.30                                   | NA                                     |

### PRE-DESIGN INVESTIGATION REPORT FOR THE NEWELL STREET AREA II REMOVAL ACTION GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

| Location ID:<br>Sample ID:<br>Sample Depth(Feet): | NS-10<br>RN10B1012<br>10-12 | NS-10<br>RN10B1214<br>12-14 | NS-10<br>RN10B1416<br>14-16 | NS-11<br>RN11B0810<br>8-10 | NS-11<br>RN11B1012<br>10-12 | NS-12<br>RN12B1416<br>14-16 | NS-13<br>RN13B1416<br>14-16 | NS-14<br>RN14B1214<br>12-14 |
|---|-----------------------------|-----------------------------|-----------------------------|----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|
| Parameter Date Collected:                         | 11/15/91                    | 11/15/91                    | 14-16                       | 12/10/91                   | 12/10/91                    | 05/22/91                    | 05/21/91                    | 05/24/91                    |
| Volatile Organics                                 | THIST                       | 1 11/13/31                  | 11/13/31                    | (2)10(3)                   | 12/10/51                    | 03/22/31                    | 05/2//51                    | 03/24/31                    |
| 1,1,1,2-Tetrachioroethane                         | ND(0.0060)                  | ND(0.032)                   | ND(0.015)                   | ND(0.0070)                 | ND(0.0070)                  | ND(0.029)                   | ND(1.9)                     | NA                          |
| 1,1,1-trichloro-2,2,2-trifluoroethane             | ND(0.0060)                  | ND(0.065)                   | ND(0.015)                   | ND(0.014)                  | ND(0.014)                   | ND(0.059)                   | ND(3.6)                     | NA NA                       |
| 1,1,1-Trichloroethane                             | 0.0020 J                    | ND(0.032)                   | ND(0.030)                   | ND(0.0070)                 | ND(0.0070)                  | ND(0.029)                   | ND(1.9)                     | NA                          |
| 1,1,2,2-Tetrachloroethane                         | ND(0.012)                   | ND(0.065)                   | ND(0.030)                   | ND(0.014)                  | ND(0.014)                   | ND(0.059)                   | ND(3.6)                     | NA                          |
| 1,1,2-trichloro-1,2,2-trifluoroethane             | ND(0.0060)                  | 0.015 J                     | ND(0.015)                   | ND(0.014)                  | ND(0.014)                   | ND(0.059)                   | ND(3.6)                     | NA                          |
| 1,1,2-Trichloroethane                             | ND(0.012)                   | ND(0.032)                   | ND(0.030)                   | ND(0.0070)                 | ND(0.0070)                  | ND(0.029)                   | ND(1.9)                     | NA                          |
| 1,1-Dichloroethane                                | ND(0.012)                   | ND(0.032)                   | ND(0.030)                   | ND(0.0070)                 | ND(0.0070)                  | ND(0.029)                   | ND(1.9)                     | NA                          |
| 1,1-Dichloraethene                                | ND(0.012)                   | ND(0.032)                   | ND(0.030)                   | ND(0.0070)                 | ND(0.0070)                  | ND(0.029)                   | ND(1.9)                     | NA.                         |
| 1,2,3-Trichloropropane                            | ND(0.012)                   | ND(0.097)                   | ND(0.030)                   | ND(0.021)                  | ND(0.021)                   | ND(0.088)                   | ND(5.7)                     | NA NA                       |
| 1,2-Dibromo-3-chloropropane                       | ND(0.0060)                  | ND(0.065)                   | ND(0.015)                   | ND(0.014)                  | ND(0.014)                   | ND(0.059)                   | ND(3.6)                     | NA<br>NA                    |
| 1,2-Dibromoethane                                 | ND(0.0060)                  | ND(0.032)                   | ND(0.015)                   | ND(0.0070)                 | ND(0.0070)                  | ND(0.029)                   | ND(1.9)                     | NA<br>NA                    |
| 1,2-Dichloroethane                                | ND(0.012)<br>ND(0.012)      | ND(0.032)                   | ND(0.030)<br>0.0060 J       | ND(0.0070)                 | ND(0.0070)                  | ND(0.029)                   | ND(1.9)<br>ND(1.9)          | NA<br>NA                    |
| 1,2-Dichloroethene (total) 1,2-Dichloropropane    | ND(0.012)<br>ND(0.012)      | ND(0.032)<br>ND(0.032)      | ND(0.030)                   | ND(0.0070)<br>ND(0.0070)   | ND(0.0070)<br>ND(0.0070)    | ND(0.029)<br>ND(0.029)      | ND(1.9)<br>ND(1.9)          | NA<br>NA                    |
| 1,4-Dioxane                                       | ND(0.012)<br>NA             | NA NA                       | NA NA                       | NA NA                      | NA NA                       | NA                          | ND(1.9)                     | NA NA                       |
| 2-Butanone  | ND(0.012)                   | ND(0.065)                   | ND(0.030)                   | ND(0.014)                  | ND(0.014)                   | ND(0.059)                   | ND(3.6)                     | NA NA                       |
| 2-Chloro-1,3-butadiene                            | NA NA                       | NA NA                       | NA                          | NA NA                      | NA NA                       | NA NA                       | NA NA                       | NA NA                       |
| 2-Chloroethylvinylether                           | ND(0.012)                   | ND(0.065)                   | ND(0.030)                   | ND(0.014)                  | ND(0.014)                   | ND(0.059)                   | ND(3.6)                     | NA NA                       |
| 2-Hexanone  | ND(0.012)                   | ND(0.097)                   | ND(0.030)                   | ND(0.021)                  | ND(0.021)                   | ND(0.088)                   | ND(5.7)                     | NA                          |
| 3-Chloropropene                                   | ND(0.0060)                  | ND(0.097)                   | ND(0.015)                   | ND(0.021)                  | ND(0.021)                   | ND(0.088)                   | ND(5.7)                     | NA                          |
| 4-Methyl-2-pentanone                              | ND(0.012)                   | ND(0.097)                   | ND(0.030)                   | ND(0.021)                  | ND(0.021)                   | ND(0.088)                   | ND(5.7)                     | NA                          |
| Acetone   | 0.029 B                     | 0.92 B                      | 0.095 B                     | 0.042                      | 0.051                       | 0.19 B                      | ND(3.6.)                    | NA                          |
| Acetonitrile                                      | NA                          | NA                          | NA                          | NA                         | NA                          | NA                          | NA                          | NA                          |
| Acrolein  | ND(0.11)                    | ND(0.58)                    | ND(0.27)                    | ND(0.12)                   | ND(0.13)                    | ND(0.53)                    | ND(33)                      | NA                          |
| Acrylonitrile                                     | ND(0.14)                    | ND(0.78)                    | ND(0.37)                    | ND(0.16)                   | ND(0.17)                    | ND(0.71)                    | ND(45)                      | NA                          |
| Benzene   | ND(0.012)                   | ND(0.032)                   | ND(0.030)                   | ND(0.0070)                 | ND(0.0070)                  | ND(0.029)                   | 0.45 J                      | NA                          |
| Bromodichloromethane                              | ND(0.012)                   | ND(0.032)                   | ND(0.030)                   | ND(0.0070)                 | ND(0.0070)                  | ND(0.029)                   | ND(1.9).                    | NA                          |
| Bromoform   | ND(0.012)                   | ND(0.065)                   | ND(0.030)                   | ND(0.014)                  | ND(0.014)                   | ND(0.059)                   | ND(3.6)                     | NA NA                       |
| Bromomethane                                      | ND(0.012)                   | ND(0.032)                   | ND(0.030)                   | ND(0.0070)                 | ND(0.0070)                  | ND(0.029)                   | ND(1.9)                     | NA NA                       |
| Carbon Disulfide Carbon Tetrachloride             | ND(0.012)<br>ND(0.012)      | ND(0.032)<br>ND(0.032)      | ND(0.030)<br>ND(0.030)      | ND(0.0070)<br>ND(0.0070)   | ND(0.0070)<br>ND(0.0070)    | ND(0.029)                   | ND(1.9)                     | NA<br>NA                    |
| Chlorobenzene                                     | ND(0.012)                   | ND(0.032)                   | 0.019 J                     | 0.017                      | 0.054                       | ND(0.029)<br>0.46           | ND(1.9).<br>1.6             | NA<br>NA                    |
| Chloroethane                                      | ND(0.012)                   | ND(0.065)                   | ND(0.030)                   | ND(0.014)                  | ND(0.014)                   | ND(0.059)                   | ND(3.6)                     | NA NA                       |
| Chloroform  | ND(0.012)                   | ND(0.032)                   | ND(0.030)                   | ND(0.0070)                 | ND(0.0070)                  | ND(0.029)                   | ND(1.9)                     | NA NA                       |
| Chloromethane                                     | ND(0.012)                   | ND(0.065)                   | ND(0.030)                   | ND(0.014)                  | ND(0.014)                   | ND(0.059)                   | ND(3.6)                     | NA NA                       |
| cis-1,2-Dichloroethene                            | NA                          | NA NA                       | NA                          | NA                         | NA NA                       | NA                          | NA                          | NA                          |
| cis-1,3-Dichloropropene                           | ND(0.012)                   | ND(0.032)                   | ND(0.030)                   | ND(0.0070)                 | ND(0.0070)                  | ND(0.029)                   | ND(1.9)                     | NA                          |
| cis-1,4-Dichloro-2-butene                         | ND(0.0060)                  | ND(0.097)                   | ND(0.015)                   | ND(0.021)                  | ND(0.021)                   | ND(0.088)                   | ND(5.7)                     | NA                          |
| Crotonaldehyde                                    | ND(0.0060)                  | ND(0.65)                    | ND(0.015)                   | ND(0.14)                   | ND(0.14)                    | ND(0.59)                    | ND(36)                      | NA                          |
| Dibromochloromethane                              | ND(0.012)                   | ND(0.032)                   | ND(0.030)                   | ND(0.0070)                 | ND(0.0070)                  | ND(0.029)                   | ND(1.9)                     | NA                          |
| Dibromomethane                                    | ND(0.0060)                  | ND(0.065)                   | ND(0.015)                   | ND(0.014)                  | ND(0.014)                   | ND(0.059)                   | ND(3.6)                     | NA                          |
| Dichlorodifluoromethane                           | NA NA                       | NA NA                       | NA NA                       | NA NA                      | NA NA                       | NA NA                       | NA                          | NA                          |
| Ethyl Methacrylate                                | ND(0.0060)<br>0.0060 J      | ND(0.065)<br>0.016 J        | ND(0.015)<br>0.0060 J       | ND(0.014)<br>ND(0.0070)    | ND(0.014)                   | ND(0.059)                   | ND(3.6)                     | ND(1.9)                     |
| Ethylbenzene                                      |                             | ND(0.065)                   | <del> </del>                | 115/2001                   | ND(0.0070)                  | 0.0080 J                    | ND(1.9)                     | NA NA                       |
| Isobutanol  | ND(0.12)<br>NA              | NA NA                       | ND(0.30)<br>NA              | ND(0.014)<br>NA            | ND(0.014)<br>NA             | ND(0.059)<br>NA             | ND(3.6)<br>NA               | NA<br>NA                    |
| m&p-Xylene  | NA NA                       | NA NA                       | NA NA                       | NA NA                      | NA I                        | NA NA                       | NA I                        | NA NA                       |
| Methacrylonitrile                                 | NA NA                       | NA NA                       | NA                          | NA                         | NA                          | NA                          | NA NA                       | NA NA                       |
| Methyl Methacrylate                               | NA NA                       | NA NA                       | NA                          | NA NA                      | NA NA                       | NA NA                       | NA NA                       | NA NA                       |
| Methylene Chloride                                | 0.053 B                     | 0.44 B                      | 0.082 B                     | 0.038 B                    | 0.053 B                     | 0.22 B                      | 3.2 JB                      | NA                          |
| Pentachloroethane                                 | NA                          | NA                          | NA                          | NA                         | NA                          | NA                          | NA                          | NA                          |
| Propionitrile                                     | NA                          | NA NA                       | NA                          | NA                         | NA                          | NA                          | NA                          | NA                          |
| Pyridine  | NA                          | NA                          | NA                          | NA                         | NA                          | NA                          | NA                          | NA                          |
| Styrene   | ND(0.012)                   | ND(0.032)                   | ND(0.030)                   | ND(0.0070)                 | ND(0.0070)                  | ND(0.029)                   | ND(1,9)                     | NA                          |
| Tetrachloroethene                                 | ND(0.012)                   | ND(0.032)                   | ND(0.030)                   | ND(0.0070)                 | ND(0.0070)                  | ND(0.029)                   | ND(1.9)                     | NA                          |
| Toluene   | 0.0020 J                    | ND(0.032)                   | 0.0040 J                    | ND(0.0070)                 | ND(0.0070)                  | ND(0.029)                   | ND(1.9)                     | NA                          |
| trans-1,2-Dichloroethene                          | NA NA                       | NA NA                       | NA NA                       | NA NA                      | NA                          | NA                          | NA NA                       | NA                          |
| trans-1,3-Dichloropropene                         | ND(0.012)                   | ND(0.032)                   | ND(0.030)                   | ND(0.0070)                 | ND(0.0070)                  | ND(0.029)                   | ND(1.9)                     | NA                          |
| trans-1,4-Dichloro-2-butene                       | ND(0.0060)                  | ND(0.097)                   | ND(0.015)                   | ND(0.021)                  | ND(0.021)                   | ND(0.088)                   | ND(5.7)                     | NA                          |
| Trichloroethene                                   | 0.0070 J                    | ND(0.032)                   | ND(0.030)                   | ND(0.0070)                 | ND(0.0070)                  | ND(0.029)                   | ND(1.9)                     | NA NA                       |
| Trichlorofluoromethane                            | ND(0.0060)                  | ND(0.032)                   | ND(0.015)                   | ND(0.0070)                 | ND(0.0070)                  | ND(0.029)                   | ND(1.9)                     | NA NA                       |
| Vinyl Acetate                                     | ND(0.012)                   | ND(0.065)                   | ND(0.030)                   | ND(0.014)                  | ND(0.014)                   | ND(0.059)                   | ND(3.6)                     | NA NA                       |
| Vinyl Chloride                                    | ND(0.012)                   | ND(0.065)                   | ND(0.030)                   | ND(0.014)                  | ND(0.014)                   | ND(0.059)                   | ND(3.6)                     | NA NA                       |
| Xyienes (total)                                   | 0.17                        | 0.45                        | 0.16                        | ND(0.0070)                 | 0.0040 J                    | 0.015 J                     | 1.6 J                       | NA NA                       |

### PRE-DESIGN INVESTIGATION REPORT FOR THE NEWELL STREET AREA II REMOVAL ACTION GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

| Location ID:<br>Sample ID:<br>Sample Depth(Feet):  | NS-10<br>RN10B1012<br>10-12 | NS-10<br>RN10B1214<br>12-14 | NS-10<br>RN10B1416<br>14-16 | NS-11<br>RN11B0810<br>8-10 | NS-11<br>RN11B1012<br>10-12 | NS-12<br>RN12B1416<br>14-16 | NS-13<br>RN13B1416<br>14-16 | NS-14<br>RN14B1214<br>12-14 |
|--|-----------------------------|-----------------------------|-----------------------------|----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|
| Parameter Date Collected:  | 11/15/91                    | 11/15/91                    | 11/15/91                    | 12/10/91                   | 12/10/91                    | 05/22/91                    | 05/21/91                    | 05/24/91                    |
| Semivolatile Organics  | N153/4 (A)                  | 1 100000                    | 1 110/0 (0)                 | L NO. ( S)                 |                             |                             | L NOVA                      | 11077.0                     |
| 1,2,3,4-Tetrachiorobenzene<br>1,2,3,5-Tetrachiorobenzene   | ND(1.9)<br>ND(1.9)          | ND(2.1)<br>ND(2.1)          | ND(0.40)<br>ND(0.40)        | ND(4.5)<br>ND(4.5)         | NR<br>NR                    | 0.86 J<br>0.68 JZ           | ND(4.9)<br>0.98 DJ          | ND(1.9)<br>ND(1.9)          |
| 1,2,3-Trichlorobenzene   | ND(1.9)                     | ND(2.1)                     | ND(0.40)                    | ND(4.5)                    | NR<br>NR                    | 11                          | 0.88 DJ                     | ND(1.9)                     |
| 1,2,4,5-Tetrachlorobenzene   | ND(1.9)                     | ND(2.1)                     | ND(0.40)                    | ND(4.5)                    | NR                          | 0.68 JZ                     | 0.98 DJ                     | ND(1.9)                     |
| 1,2,4-Trichlorobenzene   | 1.4 J                       | ND(2.1)                     | 0.21 J                      | 1.9 J                      | NR                          | 14                          | ND(4.9)                     | ND(1.9)                     |
| 1,2-Dichlorobenzene  | ND(1.9)                     | ND(2.1)                     | ND(0.40)                    | ND(4.5)                    | NR                          | 3.8                         | 0.67 DJ                     | ND(1.9)                     |
| 1,2-Diphenylhydrazine  | ND(1.9)                     | ND(2.1)                     | ND(0.40)                    | ND(4.5)                    | NR                          | ND(1.9)                     | ND(4.9)                     | ND(1.9)                     |
| 1,3,5-Trichlorobenzene   | ND(1.9)                     | ND(2.1)                     | ND(0.40)                    | ND(4.5)                    | NR                          | ND(1.9)                     | ND(4.9)                     | ND(1.9)                     |
| 1,3,5-Trinitrobenzene  | ND(3.9)<br>ND(1.9)          | ND(4.3)<br>ND(2.1)          | ND(0.81)<br>0.85            | ND(8.9)<br>1.0 J           | NR<br>, NR                  | ND(3.9)<br>3.7              | ND(9.7)<br>ND(4.9)          | ND(3.8)<br>ND(1.9)          |
| 1,3-Dinitrobenzene   | NA NA                       | NA NA                       | NA NA                       | NA NA                      | NR                          | NA                          | NA NA                       | NA NA                       |
| 1,4-Dichlorobenzene  | ND(1.9)                     | 3.0                         | ND(0.40)                    | 4.6                        | NR                          | 38 D                        | ND(4.9)                     | 1.2 J                       |
| 1,4-Dinitrobenzene   | ND(3.9)                     | ND(4.3)                     | ND(0.81)                    | ND(8.9)                    | NR                          | ND(3.9)                     | ND(9.7)                     | ND(3.8)                     |
| 1,4-Naphthoquinone   | ND(3.9)                     | ND(4.3)                     | ND(0.81)                    | ND(8.9)                    | NR                          | ND(3.9)                     | ND(9.7)                     | ND(3.8)                     |
| 1-Chioronaphthalene  | ND(1.9)                     | ND(2.1)                     | ND(0.40)                    | ND(4.5)                    | NR                          | ND(1.9)                     | ND(4.9)                     | ND(1.9)                     |
| 1-Methylnaphthalene  | 0.44 J                      | 0.48 J                      | ND(0.40)                    | 1.0 J                      | NR                          | ND(1.9)                     | ND(4.9)                     | 0.21 J                      |
| 1-Naphthylamine<br>2,3,4,6-Tetrachlorophenol   | ND(3.9)<br>ND(3.9)          | ND(4.3)                     | ND(0.81)                    | ND(8.9)                    | NR                          | ND(3.9)                     | ND(9.7)                     | ND(3.8)                     |
| 2,4,5-Trichlorophenol  | ND(3.9)                     | ND(4.3)<br>ND(4.3)          | ND(0.81)<br>ND(0.81)        | ND(8.9)<br>ND(8.9)         | NR<br>NR                    | ND(3.9)<br>ND(3.9)          | ND(9.7)<br>ND(9.7)          | ND(3.8)<br>ND(3.8)          |
| 2,4,6-Trichlorophenol  | ND(3.9)                     | ND(4.3)                     | ND(0.81)                    | ND(8.9)                    | NR NR                       | ND(3.9)                     | ND(9.7)                     | ND(3.8)                     |
| 2,4-Dichlorophenol   | ND(1.9)                     | ND(2.1)                     | ND(0.40)                    | ND(4.5)                    | NR                          | ND(1.9)                     | ND(4.9)                     | ND(1.9)                     |
| 2,4-Dimethylphenol   | ND(1.9)                     | ND(2.1)                     | ND(0.40)                    | ND(4.5)                    | NR                          | ND(1.9)                     | ND(4.9)                     | ND(1.9)                     |
| 2,4-Dinitrophenol  | ND(7.6)                     | ND(8.4)                     | ND(1.6)                     | ND(18)                     | NR                          | ND(7.6)                     | ND(19)                      | ND(7.4)                     |
| 2,4-Dinitrotoluene   | ND(1.9)                     | ND(2.1)                     | ND(0.40)                    | ND(4.5)                    | NR                          | ND(1.9)                     | ND(4.9)                     | ND(1.9)                     |
| 2,6-Dichlorophenol   | ND(3.9)                     | ND(4.3)                     | ND(0.81)                    | ND(8.9)                    | NR                          | ND(3.9)                     | ND(9.7)                     | ND(3.8)                     |
| 2,6-Dinitrotoluene   | 0.23 J                      | ND(2.1)                     | ND(0.40)                    | ND(4.5)                    | NR NR                       | ND(1.9)                     | ND(4.9)                     | ND(1.9)                     |
| 2-Acetylaminofluorene<br>2-Chloronaphthalene   | ND(1.9)<br>ND(1.9)          | ND(2.1)<br>ND(2.1)          | ND(0,40)<br>ND(0,40)        | ND(4.5)<br>ND(4.5)         | NR<br>NR                    | ND(1.9)<br>ND(1.9)          | ND(4.9)<br>ND(4.9)          | ND(1.9)<br>ND(1.9)          |
| 2-Chlorophenol   | ND(1.9)                     | ND(2.1)                     | ND(0.40)                    | ND(4.5)                    | NR                          | ND(1.9)                     | ND(4.9)                     | ND(1.9)                     |
| 2-Methylnaphthalene  | 0.39 J                      | 0.36 J                      | 0.23 J                      | 0.59 J                     | NR                          | ND(1.9)                     | ND(4.9)                     | ND(1.9)                     |
| 2-Methylphenol   | ND(1.9)                     | ND(2.1)                     | ND(0.40)                    | ND(4.5)                    | NR                          | ND(1.9)                     | ND(4.9)                     | ND(1.9)                     |
| 2-Naphthylamine  | 0.34 J                      | ND(4.3)                     | ND(0.81)                    | ND(8.9)                    | NR                          | ND(3.9)                     | ND(9.7)                     | ND(3.8)                     |
| 2-Nitroaniline   | 0.43 J                      | ND(2.1)                     | ND(0.40)                    | ND(4.5)                    | NR                          | ND(1.9)                     | 6.8 D                       | ND(1.9)                     |
| 2-Nitrophenol  | ND(1.9)                     | ND(2.1)                     | ND(0.40)                    | ND(4.5)                    | NR                          | ND(1.9)                     | ND(4.9)                     | ND(1.9)                     |
| 2-Phenylenediamine<br>2-Picoline   | ND(1.9)<br>0.59 J           | ND(2.1)<br>ND(4.3)          | ND(0.40)<br>ND(0.81)        | ND(4.5)<br>ND(8.9)         | NR<br>NR                    | ND(1.9)<br>ND(3.9)          | ND(4.9)<br>ND(9.7)          | ND(1.9)<br>ND(3.8)          |
| 3&4-Methylphenol   | ND(1.9)                     | ND(2.1)                     | ND(0.40)                    | ND(8.9)<br>ND(4.5)         | NR NR                       | ND(3.9)                     | ND(9.7)<br>ND(4.9)          | ND(3.8)<br>ND(1.9)          |
| 3,3'-Dichlorobenzidine   | ND(1.9)                     | ND(2.1)                     | ND(0.40)                    | ND(4.5)                    | NR                          | ND(1.9)                     | ND(4.9)                     | ND(1.9)                     |
| 3,3'-Dimethoxybenzidine  | ND(1.9)                     | ND(2.1)                     | ND(0.40)                    | ND(4.5)                    | NR                          | ND(1,9)                     | ND(4.9)                     | ND(1.9)                     |
| 3,3'-Dimethylbenzidine   | ND(3.9)                     | ND(4.3)                     | ND(0.81)                    | ND(8.9)                    | NR                          | ND(3.9)                     | ND(9.7)                     | ND(3.8)                     |
| 3-Methylcholanthrene   | ND(1.9)                     | ND(2.1)                     | ND(0.40)                    | ND(4.5)                    | NR                          | ND(1.9)                     | ND(4.9)                     | ND(1.9)                     |
| 3-Methylphenol   | NA NA                       | NA NA                       | NA<br>NB(0.04)              | NA<br>NA                   | NR NR                       | NA NA                       | NA .                        | NA NA                       |
| 3-Nitroaniline 3-Phenylenediamine  | 0.49 J<br>ND(1.9)           | ND(4.3)<br>ND(2.1)          | ND(0.81)<br>ND(0.40)        | ND(8.9)<br>ND(4.5)         | NR<br>NR                    | ND(3.9)                     | ND(9.7)                     | ND(3.8)                     |
| 4,4'-Methylene-bis(2-chloroaniline)  | ND(1.9)<br>ND(1.9)          | ND(2.1)<br>ND(2.1)          | ND(0.40)                    | ND(4.5)<br>ND(4.5)         | NR NR                       | ND(1.9)<br>ND(1.9)          | ND(4.9)<br>ND(4.9)          | ND(1.9)<br>ND(1.9)          |
| 4,6-Dinitro-2-methylphenol   | ND(5.8)                     | ND(6.4)                     | ND(1.2)                     | ND(13)                     | NR                          | ND(5.8)                     | ND(15)                      | ND(5.6)                     |
| 4-Aminobiphenyl  | 1.5 J                       | 1.2 J                       | ND(0.40)                    | ND(4.5)                    | NR                          | ND(1.9)                     | ND(4.9)                     | ND(1.9)                     |
| 4-Bromophenyl-phenylether  | ND(1.9)                     | ND(2.1)                     | ND(0.40)                    | ND(4.5)                    | NR                          | ND(1.9)                     | ND(4.9)                     | ND(1.9)                     |
| 4-Chloro-3-Methylphenol  | ND(1.9)                     | ND(2.1)                     | ND(0.40)                    | ND(4.5)                    | NR                          | ND(1.9)                     | ND(4.9)                     | ND(1.9)                     |
| 4-Chloroaniline  | ND(1.9)                     | ND(2.1)                     | ND(0.40)                    | ND(4.5)                    | NR                          | ND(1.9)                     | ND(4.9)                     | ND(1.9)                     |
| 4-Chlorobenzilate  | ND(1.9)                     | ND(2.1)                     | ND(0.40)                    | ND(4.5)                    | NR NR                       | ND(1.9)                     | ND(4.9)                     | ND(1.9)                     |
| 4-Chlorophenyl-phenylether 4-Methylphenol  | ND(1.9)<br>NA               | ND(2.1)<br>NA               | ND(0.40)<br>NA              | ND(4.5)<br>NA              | NR<br>NR                    | ND(1.9)                     | ND(4.9)                     | ND(1.9)                     |
| 4-Nitroaniline   | ND(3.9)                     | ND(4.3)                     | ND(0.81)                    | ND(8.9)                    | NR NR                       | NA<br>ND(3.9)               | NA ND(9.7)                  | NA<br>ND(3.8)               |
| 4-Nitrophenol  | 1.5 J                       | ND(2.1)                     | ND(0.40)                    | ND(4.5)                    | NR I                        | ND(1.9)                     | ND(4.9)                     | ND(3.6)                     |
| 4-Nitroquinoline-1-oxide   | NA                          | NA NA                       | NA                          | NA                         | NR                          | NA                          | NA NA                       | NA NA                       |
| 4-Phenylenediamine   | ND(1.9)                     | ND(2.1)                     | ND(0.40)                    | ND(4.5)                    | NR                          | ND(1.9)                     | ND(4.9)                     | ND(1.9)                     |
| 5-Nitro-o-toluidine  | ND(3.9)                     | ND(4.3)                     | ND(0.81)                    | ND(8.9)                    | NR                          | ND(3.9)                     | ND(9.7)                     | ND(3.8)                     |
| 7,12-Dimethylbenz(a)anthracene   | ND(1.9)                     | ND(2.1)                     | ND(0.40)                    | ND(4.5)                    | NR                          | ND(1.9)                     | ND(4.9)                     | ND(1.9)                     |
| a,a'-Dimethylphenethylamine  | ND(1.9)                     | ND(2.1)                     | ND(0.40)                    | ND(4.5)                    | NR I                        | ND(1.9)                     | ND(4.9)                     | ND(1.9)                     |
| Acenaphthene   | ND(1.9)                     | ND(2.1)                     | 0.13 J                      | ND(4.5)                    | NR<br>VO                    | ND(1.9)                     | ND(4.9)                     | ND(1.9)                     |
| Acenaphthylene<br>Acetophenone   | ND(1.9)<br>1.5 J            | ND(2.1)<br>ND(2.1)          | ND(0.40)<br>ND(0.40)        | ND(4.5)<br>ND(4.5)         | NR<br>NR                    | ND(1.9)                     | ND(4.9)                     | ND(1.9)                     |
| Tunes of the second sec | 1,00                        | I HU(Z.I)                   | 140(0.40)                   | 140(4.5)                   | NLZ                         | ND(1.9)                     | ND(4.9)                     | ND(1.9)                     |

| Location ID:<br>Sample ID:<br>Sample Depth(Feet): | NS-10<br>RN10B1012<br>10-12 | NS-10<br>RN10B1214<br>12-14 | NS-10<br>RN10B1416<br>14-16 | NS-11<br>RN11B0810<br>8-10 | NS-11<br>RN11B1012<br>10-12 | NS-12<br>RN12B1416<br>14-16 | NS-13<br>RN13B1416<br>14-16 | NS-14<br>RN14B1214<br>12-14 |
|---|-----------------------------|-----------------------------|-----------------------------|----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|
| Parameter Date Collected:                         | 11/15/91                    | 11/15/91                    | 11/15/91                    | 12/10/91                   | 12/10/91                    | 05/22/91                    | 05/21/91                    | 05/24/91                    |
| Semivolatile Organics(continued)                  |                             | ·                           |                             | <del></del>                | <u> </u>                    |                             |                             |                             |
| Aniline<br>Anthracene                             | ND(1.9)<br>ND(1.9)          | ND(2.1)                     | ND(0.40)                    | ND(4.5)                    | NR                          | ND(1.9)                     | ND(4.9)                     | ND(1.9)                     |
| Aramite   | NA NA                       | ND(2.1)<br>NA               | 0.22 J<br>NA                | 0.81 J<br>NA               | NR<br>NR                    | ND(1.9)                     | ND(4.9)                     | ND(1.9)                     |
| Benzal chloride                                   | ND(1.9)                     | ND(2.1)                     | ND(0.40)                    | ND(4.5)                    | NR<br>NR                    | NA<br>ND(1.9)               | NA<br>ND(4.9)               | NA<br>ND(1.9)               |
| Benzidine   | ND(1.9)                     | ND(2.1)                     | ND(0.40)                    | ND(4.5)                    | NR NR                       | ND(1.9)                     | ND(4.9)                     | ND(1.9)<br>ND(1.9)          |
| Benzo(a)anthracene                                | 0.40 J                      | ND(2.1)                     | ND(0.40)                    | 3.2 J                      | NR                          | ND(1.9)                     | 0.61 DJ                     | ND(1.9)                     |
| Benzo(a)pyrene                                    | ND(1.9)                     | ND(2.1)                     | ND(0.40)                    | 2.3                        | NR                          | ND(1.9)                     | ND(4.9)                     | ND(1.9)                     |
| Benzo(b)fluoranthene                              | ND(1.9)                     | ND(2.1)                     | ND(0.40)                    | 2.8 JZ                     | NR                          | ND(1.9)                     | 0.62 DJZ                    | ND(1.9)                     |
| Benzo(g,h,i)perylene                              | ND(1.9)                     | ND(2.1)                     | ND(0.40)                    | 0.85 J                     | NR                          | ND(1.9)                     | ND(4.9)                     | ND(1.9)                     |
| Benzo(k)fluoranthene<br>Benzoic Acid              | ND(1.9)                     | ND(2.1)                     | ND(0.40)                    | 2.8 JZ                     | NR                          | ND(1.9)                     | 0.62 DJZ                    | ND(1.9)                     |
| Benzotrichloride                                  | ND(19)<br>ND(3.9)           | ND(21)<br>ND(4.3)           | ND(4.0)<br>ND(0.81)         | ND(45)                     | NR<br>NR                    | ND(19)                      | ND(49)                      | ND(19)                      |
| Benzyl Alcohol                                    | ND(3.9)                     | ND(2.1)                     | ND(0.40)                    | ND(8.9)<br>ND(4.5)         | NR<br>NR                    | ND(3.9)                     | ND(9.7)                     | ND(3.8)                     |
| Benzyl Chloride                                   | ND(1.9)                     | ND(2.1)                     | ND(0.40)                    | ND(4.5)                    | NR NR                       | ND(1.9)<br>ND(1.9)          | ND(4.9)<br>ND(4.9)          | ND(1.9)<br>ND(1.9)          |
| bis(2-Chloroethoxy)methane                        | ND(1.9)                     | ND(2.1)                     | ND(0.40)                    | ND(4.5)                    | NR NR                       | ND(1.9)                     | ND(4.9)                     | ND(1.9)                     |
| bis(2-Chloroethyl)ether                           | ND(3.9)                     | ND(4.3)                     | ND(0.81)                    | ND(8.9)                    | NR NR                       | ND(3.9)                     | ND(9.7)                     | ND(3.8)                     |
| bis(2-Chloroisopropyl)ether                       | ND(1.9)                     | ND(2.1)                     | ND(0.40)                    | ND(4.5)                    | NR                          | ND(1.9)                     | ND(4.9)                     | ND(1.9)                     |
| bis(2-Ethylhexyl)phthalate                        | 0.58 J                      | ND(2.1)                     | ND(0.40)                    | ND(4.5)                    | NR                          | ND(1.9)                     | 3.2 DJ                      | ND(1.7)                     |
| Butylbenzylphthalate                              | ND(1.9)                     | ND(2.1)                     | ND(0.40)                    | ND(4.5)                    | NR                          | ND(1.9)                     | ND(4.9)                     | ND(1.9)                     |
| Chrysene Cyclophosphamide                         | ND(1.9)                     | 0.58 J                      | ND(0.40)                    | 4.7                        | NR                          | ND(1.9)                     | 1.1 DJ                      | 1.9 JB                      |
| Diallate  | ND(9.4)<br>ND(1.9)          | ND(10)<br>ND(2.1)           | ND(2.0)<br>ND(0.40)         | ND(22)                     | NR                          | ND(9.4)                     | ND(24)                      | ND(9.1)                     |
| Dibenz(a,j)acridine                               | ND(1.9)                     | ND(2.1)                     | ND(0.40)                    | ND(4.5)<br>ND(4.5)         | NR<br>NR                    | ND(1.9)                     | ND(4.9)                     | ND(1.9)                     |
| Dibenzo(a,h)anthracene                            | ND(1.9)                     | ND(2.1)                     | ND(0.40)                    | ND(4.5)                    | NR NR                       | ND(1.9)<br>ND(1.9)          | ND(4.9)<br>ND(4.9)          | ND(1.9)<br>ND(1.9)          |
| Dibenzofuran                                      | ND(1.9)                     | ND(2.1)                     | 0.19 J                      | ND(4.5)                    | NR NR                       | ND(1.9)                     | ND(4.9)                     | ND(1.9)                     |
| Diethylphthalate                                  | ND(1.9)                     | ND(2.1)                     | ND(0.40)                    | ND(4.5)                    | NR                          | ND(1.9)                     | ND(4.9)                     | ND(1.9)                     |
| Dimethylphthalate                                 | ND(1,9)                     | ND(2.1)                     | ND(0.40)                    | ND(4.5)                    | NR                          | ND(1.9)                     | ND(4.9)                     | ND(1.9)                     |
| Di-n-Butylphthalate                               | » ND(1.9)                   | ND(2.1)                     | ND(0.40)                    | ND(4.5)                    | NR                          | ND(1.9)                     | · ND(4.9)                   | ND(1.9)                     |
| Di-n-Octylphthalate                               | ND(1.9)                     | ND(2.1)                     | ND(0.40)                    | ND(4.5)                    | NR                          | ND(1.9)                     | ND(4.9)                     | ND(1.9)                     |
| Dinoseb Diphenylamine                             | NA NA                       | NA NA                       | NA NA                       | NA                         | NR                          | NA                          | NA                          | NA                          |
| Ethyl Methanesulfonate                            | ND(1.9)<br>ND(1.9)          | ND(2.1)<br>ND(2.1)          | ND(0.40)                    | ND(4.5)                    | NR NR                       | ND(1.9)                     | ND(4.9)                     | ND(1.9)                     |
| Fluoranthene                                      | 0.30 J                      | 0.31 J                      | ND(0.40)<br>ND(0.40)        | ND(4.5)<br>5.8             | NR<br>NB                    | ND(1.9)                     | ND(4.9)                     | ND(1.9)                     |
| Fluorene  | ND(1.9)                     | ND(2.1)                     | 0.25 J                      | 0.46 J                     | NR<br>NR                    | ND(1.9)<br>ND(1.9)          | ND(4.9)<br>ND(4.9)          | 0.43 J<br>0.22 J            |
| Hexachlorobenzene                                 | ND(1.9)                     | ND(2.1)                     | ND(0.40)                    | ND(4.5)                    | NR NR                       | ND(1.9)                     | ND(4.9)<br>ND(4.9)          | 0.22 J<br>ND(1.9)           |
| Hexachlorobutadiene                               | ND(1.9)                     | ND(2.1)                     | ND(0.40)                    | ND(4.5)                    | NR                          | ND(1.9)                     | ND(4.9)                     | ND(1.9)                     |
| Hexachlorocyclopentadiene                         | ND(1.9)                     | ND(2.1)                     | ND(0.40)                    | ND(4.5)                    | NR                          | ND(1.9)                     | ND(4.9)                     | ND(1.9)                     |
| Hexachloroethane                                  | ND(1.9)                     | 2.1 J                       | ND(0.40)                    | ND(4.5)                    | NR                          | ND(1.9)                     | ND(4.9)                     | ND(1.9)                     |
| Hexachlorophene                                   | NA NA                       | NA NA                       | NA NA                       | NA                         | NR                          | NA                          | NA                          | NA                          |
| Hexachloropropene<br>Indeno(1,2,3-cd)pyrene       | ND(1.9)<br>ND(1.9)          | ND(2.1)                     | ND(0.40)                    | ND(4.5)                    | NR                          | ND(1.9)                     | ND(4.9)                     | ND(1.9)                     |
| Isodrin   | NA NA                       | ND(2.1)<br>NA               | ND(0.40)<br>NA              | 0.81 J                     | NR NR                       | ND(1.9)                     | ND(4.9)                     | ND(1.9)                     |
| Isophorone  | ND(1.9)                     | ND(2.1)                     | ND(0.40)                    | NA<br>ND(4.5)              | NR<br>NR                    | NA<br>ND(1.9)               | NA ND(4.0)                  | NA NO.                      |
| isosafrole  | ND(3.9)                     | ND(4.3)                     | ND(0.81)                    | ND(8.9)                    | NR NR                       | ND(3.9)                     | ND(4.9)<br>ND(9.7)          | ND(1.9)<br>ND(3.8)          |
| Methapyrilene                                     | ND(3.9)                     | ND(4.3)                     | ND(0.81)                    | ND(8.9)                    | NR NR                       | ND(3.9)                     | ND(9.7)                     | ND(3.8)                     |
| Methyl Methanesulfonate                           | ND(1.9)                     | ND(2.1)                     | ND(0.40)                    | ND(4.5)                    | NR                          | ND(1.9)                     | ND(4.9)                     | ND(1.9)                     |
| Naphthalene                                       | 1.1 J                       | 0.72 J                      | 0.67                        | 0.72 J                     | NR                          | ND(1.9)                     | 1.0 DJ                      | ND(1.9)                     |
| Nitrobenzene                                      | ND(1.9)                     | ND(2.1)                     | ND(0.40)                    | ND(4.5)                    | NR                          | ND(1.9)                     | ND(4.9)                     | ND(1.9)                     |
| N-Nitrosodiethylamine                             | ND(1.9)                     | ND(2.1)                     | ND(0.40)                    | ND(4.5)                    | NR                          | ND(1.9)                     | ND(4.9)                     | ND(1.9)                     |
| N-Nitrosodimethylamine N-Nitroso-di-n-butylamine  | ND(1.9)<br>ND(1.9)          | ND(2.1)                     | ND(0.40)                    | ND(4.5)                    | NR                          | ND(1.9)                     | ND(4.9)                     | ND(1.9)                     |
| N-Nitroso-di-n-propylamine                        | ND(1.9)                     | ND(2.1)<br>ND(2.1)          | ND(0.40)<br>ND(0.40)        | ND(4.5)                    | NR NR                       | ND(1.9)                     | ND(4.9)                     | ND(1.9)                     |
| N-Nitrosodiphenylamine                            | ND(1.9)                     | ND(2.1)                     | ND(0.40)                    | ND(4.5)<br>ND(4.5)         | NR<br>NR                    | ND(1.9)<br>ND(1.9)          | ND(4.9)                     | ND(1.9)                     |
| N-Nitrosomethylethylamine                         | ND(1.9)                     | ND(2.1)                     | ND(0.40)                    | ND(4.5)                    | NR NR                       | ND(1.9)                     | ND(4.9)                     | ND(1.9)                     |
| N-Nitrosomorpholine                               | ND(1.9)                     | ND(2.1)                     | ND(0.40)                    | ND(4.5)                    | NR                          | ND(1.9)                     | ND(4.9)<br>ND(4.9)          | ND(1.9)<br>ND(1.9)          |
| N-Nitrosopiperidine                               | ND(1.9)                     | ND(2.1)                     | ND(0.40)                    | ND(4.5)                    | NR                          | ND(1.9)                     | ND(4.9)                     | ND(1.9)                     |
| N-Nitrosopyrrolidine                              | ND(1.9)                     | ND(2.1)                     | ND(0.40)                    | ND(4.5)                    | NR                          | ND(1.9)                     | ND(4.9)                     | ND(1.9)                     |
| o.o.o-Triethylphosphorothioate                    | NA                          | NA NA                       | NA                          | NA                         | NR                          | NA                          | NA                          | NA NA                       |
| o-Toluidine                                       | ND(1.9)                     | ND(2.1)                     | ND(0.40)                    | ND(4.5)                    | NR                          | ND(1.9)                     | ND(4.9)                     | ND(1.9)                     |
| Paraldehyde                                       | ND(1.9)                     | ND(2.1)                     | ND(0.40)                    | ND(4.5)                    | NR                          | ND(1.9)                     | ND(4.9)                     | ND(1.9)                     |
| p-Dimethylaminoazobenzene                         | ND(1.9)                     | ND(2.1)                     | ND(0.40)                    | ND(4.5)                    | NR                          | ND(1.9)                     | ND(4.9)                     | ND(1.9)                     |
| Pentachlorobenzene Pentachloroethane              | ND(1.9)<br>ND(1.9)          | ND(2.1)<br>ND(2.1)          | ND(0.40)<br>ND(0.40)        | ND(4.5)                    | NR                          | ND(1.9)                     | ND(4.9)                     | ND(1.9)                     |
| Pentachloronitrobenzene                           | ND(1.9)                     | ND(2.1)                     | ND(0.40)<br>ND(0.40)        | ND(4.5)<br>ND(4.5)         | NR NB                       | ND(1.9)                     | ND(4.9)                     | ND(1.9)                     |
|   | (5.1) (1.5)                 | 140(2.1)                    | 146(0.40)                   | 1412(4.5)                  | NR                          | ND(1.9)                     | ND(4.9)                     | ND(1.9)                     |

|                          | Location ID:                           | NS-10                                   | NS-10     | NS-10     | NS-11                | NS-11     | NS-12                | NS-13                | NS-14                  |
|--------------------------|--|---|-----------|-----------|----------------------|-----------|----------------------|----------------------|------------------------|
|                          | Sample ID:                             | RN10B1012                               | RN10B1214 | RN10B1416 | RN11B0810            | RN11B1012 | RN12B1416            | RN13B1416            | RN14B1214              |
|                          | Sample Depth(Feet):                    | 10-12                                   | 12-14     | 14-16     | 8-10                 | 10-12     | 14-16                | 14-16                | 12-14                  |
| Parameter                | Date Collected:                        | 11/15/91                                | 11/15/91  | 11/15/91  | 12/10/91             | 12/10/91  | 05/22/91             | 05/21/91             | 05/24/91               |
| Semivolatile             | Organics(continued)                    |   |           |           |                      |           |                      |                      |                        |
| Pentachloropl            | henol                                  | ND(3.9)                                 | ND(4.3)   | ND(0.81)  | ND(8.9)              | NR        | ND(3.9)              | ND(9.7)              | ND(3.8)                |
| Phenacetin               |  | ND(1.9)                                 | ND(2.1)   | ND(0.40)  | ND(4.5)              | NR        | ND(1.9)              | ND(4.9)              | ND(1.9)                |
| Phenanthrene             | 9                                      | 1.0 J                                   | 0.85 J    | 1.4       | 3.3 J                | NR        | ND(1.9)              | 1.2 DJ               | 0.80 J                 |
| Phenol                   |  | ND(1.9)                                 | ND(2.1)   | ND(0.40)  | ND(4.5)              | NR        | ND(1.9)              | ND(4.9)              | ND(1.9)                |
| Pronamide                |  | ND(1.9)                                 | ND(2.1)   | ND(0.40)  | ND(4.5)              | NR        | ND(1.9)              | ND(4.9)              | ND(1.9)                |
| Pyrene                   |  | 0.24 J                                  | 0.45 J    | ND(0.40)  | 4.0 J                | NR        | ND(1.9)              | ND(4.9)              | 0.36 J                 |
| Pyridine                 | ······                                 | ND(1.9)                                 | ND(2.1)   | ND(0.40)  | ND(4.5)              | NR        | ND(1.9)              | ND(4.9)              | ND(1.9)                |
| Safrole                  |  | ND(1.9)                                 | ND(2.1)   | ND(0.40)  | ND(4.5)              | NR        | ND(1.9)              | ND(4.9)              | ND(1.9)                |
| Thionazin                | in - Douglaide                         | 1.5 J                                   | ND(2.1)   | ND(0.40)  | ND(4.5)              | NR        | ND(1.9)              | ND(4.9)              | ND(1.9)                |
|                          | ine Pesticides                         | 110/0.000                               |           |           |                      |           | 12070 45             | NEC 47               | ND(0.040)              |
| 4,4'-DDD                 |  | ND(0.082)                               | NA<br>NA  | NA<br>NA  | NA<br>NA             | NA<br>NA  | ND(2.1)<br>ND(2.1)   | ND(0.17)<br>ND(0.17) | ND(0.018)<br>ND(0.018) |
| 4,4'-DDE<br>4,4'-DDT     |  | ND(0.082)<br>ND(0.082)                  | NA<br>NA  | NA<br>NA  | NA<br>NA             | NA<br>NA  | ND(2.1)<br>ND(2.1)   | ND(0.17)             | ND(0.018)              |
| Aldrin                   | ······································ | ND(0.082)<br>ND(0.023)                  | NA<br>NA  | NA<br>NA  | NA NA                | NA<br>NA  | ND(2.1)              | ND(0.049)            | ND(0.0050)             |
| Alpha-BHC                |  | ND(0.023)                               | NA<br>NA  | NA<br>NA  | NA NA                | NA NA     | ND(0.59)             | ND(0.049)            | ND(0.0050)             |
| Beta-BHC                 |  | ND(0.023)                               | NA NA     | NA<br>NA  | NA NA                | NA NA     | ND(0.59)             | ND(0.049)            | ND(0.0050)             |
| Delta-BHC                | <del></del>                            | ND(0.023)                               | NA<br>NA  | NA NA     | NA NA                | NA NA     | ND(0.59)             | ND(0.049)            | ND(0.0050)             |
| Dieldrin                 |  | ND(0.035)                               | NA        | NA NA     | NA NA                | NA NA     | ND(0.89)             | ND(0.074)            | ND(0.0075)             |
| Endosulfan I             |  | ND(0.035)                               | NA        | NA.       | NA.                  | NA.       | ND(0.89)             | ND(0.074)            | ND(0.0075)             |
| Endosulfan II            |  | ND(0.082)                               | NA        | NA        | NA                   | NA        | ND(2.1)              | ND(0.17)             | ND(0.018)              |
| Endosulfan S             | ulfate                                 | ND(0.047)                               | . NA      | NA        | NA                   | NA        | ND(1.2)              | ND(0.098)            | ND(0.010)              |
| Endrin                   |  | ND(0.059)                               | NA        | NA        | NA                   | NA        | ND(1.5)              | ND(0.12)             | ND(0.012)              |
| Endrin Aldehy            | yde                                    | ND(0.023)                               | NA        | NA        | NA                   | NA        | ND(0.59)             | ND(0.049)            | ND(0.0050)             |
| Gamma-BHC                | (Lindane)                              | ND(0.023)                               | NA 1      | NA        | NA                   | NA        | ND(0.59)             | ND(0.049)            | ND(0.0050)             |
| Heptachior               |  | ND(0.023)                               | NA        | NA        | NA                   | NA        | ND(0.59)             | ND(0.049)            | ND(0.0050)             |
| Heptachlor E             | poxide                                 | ND(0.023)                               | NA        | NA        | NA                   | NA        | ND(0.59)             | ND(0.049)            | ND(0.0050)             |
| Kepone                   |  | ND(0.023)                               | NA        | NA        | NA NA                | NA        | ND(0.59)             | ND(0.049)            | ND(0.0050)             |
| Methoxychlor             |  | ND(0.082)                               | NA        | NA NA     | NA NA                | NA NA     | ND(2.1)              | ND(0.17)             | ND(0.018)              |
| Technical Ch             | lordane                                | ND(0.094)                               | NA        | NA        | NA NA                | NA NA     | ND(2.4)              | ND(0.20)             | ND(0.020)              |
| Toxaphene                |  | ND(0.47)                                | NA        | NA        | NA NA                | NA        | ND(12)               | ND(0.98)             | ND(0.10)               |
|                          | phate Pesticides                       | 100000100000000000000000000000000000000 |           | 1150 40   | 1 100000             |           | 11577.03             | 115((6)              | NDW 65                 |
| Dimethoate               | ·······                                | ND(0.011) [ND(0.012)]                   | 1.2 J     | ND(0.40)  | ND(4.5)              | NA<br>NA  | ND(1.9)              | ND(4.9)              | ND(1.9)                |
| Disulfoton               |  | ND(0.011) [ND(0.012)]                   | NA NA     | NA<br>NA  | NA<br>NA             | NA<br>NA  | NA<br>NA             | NA<br>NA             | NA NA                  |
| Ethyl Parathic           | <u>ON</u>                              | ND(0.011) [ND(0.012)]<br>NA             | NA<br>NA  | NA<br>NA  | NA<br>NA             | NA<br>NA  | NA<br>NA             | NA<br>NA             | NA<br>NA               |
| Famphur<br>Methyl Parath |  | ND(0.011) [ND(0.012)]                   | NA<br>NA  | NA<br>NA  | NA<br>NA             | NA<br>NA  | NA<br>NA             | NA<br>NA             | NA NA                  |
| Phorate                  | HOH                                    | ND(0.011) [ND(0.012)]                   | NA NA     | NA NA     | NA NA                | NA NA     | NA NA                | NA NA                | NA NA                  |
| Sulfotep                 |  | 0.12 [ND(0.012)]                        | NA NA     | NA NA     | NA NA                | NA NA     | NA NA                | NA NA                | NA NA                  |
| Herbicides               |  |   |           |           |                      |           |                      |                      |                        |
| 2,4,5-T                  |  | ND(0.029)                               | NA        | NA        | NA                   | NA NA     | ND(0.059)            | ND(0.075)            | ND(0.029)              |
| 2,4,5-TP                 | <del></del>                            | ND(0.029)                               | NA        | NA        | NA                   | NA        | ND(0.059)            | ND(0.075)            | ND(0.029)              |
| 2,4-D                    |  | ND(0.12)                                | NA        | NA        | NA                   | NA        | ND(0.24)             | ND(0.30)             | ND(0.12)               |
| Dinoseb                  |  | NA NA                                   | NA        | NA        | NA                   | NA        | NA                   | NA NA                | NA                     |
| Furans                   |  |   |           |           |                      |           |                      |                      |                        |
| 2,3,7,8-TCDF             |  | Rejected                                | NA        | NA        | Rejected             | NA        | Rejected             | Rejected             | Rejected               |
| TCDFs (total             | )                                      | Rejected                                | NA        | NA        | Rejected             | NA        | Rejected             | Rejected             | Rejected               |
| 1,2,3,7,8-Pe             | CDF                                    | NA NA                                   | NA        | NA        | NA                   | NA        | NA                   | NA                   | NA                     |
| 2,3,4,7,8-Pe0            | ······································ | NA NA                                   | NA        | NA        | NA                   | NA        | NA                   | NA                   | NA                     |
| PeCDFs (total            |  | Rejected                                | NA NA     | NA        | Rejected             | NA        | Rejected             | Rejected             | Rejected               |
| 1,2,3,4,7,8-H            |  | NA NA                                   | NA NA     | NA NA     | NA NA                | NA        | NA NA                | NA NA                | NA NA                  |
| 1,2,3,6,7,8-H            |  | NA NA                                   | NA        | NA NA     | NA NA                | NA NA     | NA NA                | NA NA                | NA NA                  |
| 1,2,3,7,8,9-H            |  | NA<br>NA                                | NA NA     | NA NA     | NA NA                | NA NA     | NA NA                | NA NA                | NA NA                  |
| 2,3,4,6,7,8-H            |  | NA<br>Delegated                         | NA NA     | NA NA     | NA<br>District       | NA NA     | NA                   | NA NA                | NA NA                  |
| HxCDFs (tota             |  | Rejected                                | NA NA     | NA NA     | Rejected             | NA NA     | Rejected             | Rejected             | Rejected               |
| 1,2,3,4,6,7,8-           |  | NA<br>NA                                | NA<br>NA  | NA<br>NA  | NA<br>NA             | NA<br>NA  | NA<br>NA             | NA<br>NA             | NA NA                  |
| 1,2,3,4,7,8,9            |  | NA<br>Bejected                          | NA<br>NA  | NA<br>NA  | NA<br>Pointed        | NA<br>NA  | NA<br>Painated       | NA Dointed           | NA<br>Painated         |
| HpCDFs (tota             | <u>al)</u>                             | Rejected<br>Rejected                    | NA<br>NA  | NA<br>NA  | Rejected<br>Rejected | NA<br>NA  | Rejected<br>Rejected | Rejected<br>Rejected | Rejected<br>Pojected   |
| OCDF                     |  | Rejected                                | INM       | INM       | rejected             | LAN.      | nejetieti            | nejecieu             | Rejected               |

|                 | Location ID:        | NS-10           | NS-10                                  | NS-10     | NS-11       | NS-11     | NS-12        | NS-13       | NS-14        |
|-----------------|---------------------|-----------------|--|-----------|-------------|-----------|--------------|-------------|--------------|
| 1               | Sample ID:          | RN10B1012       | RN10B1214                              | RN10B1416 | RN11B0810   | RN11B1012 | RN12B1416    | RN13B1416   | •            |
|                 | Sample Depth(Feet): | 10-12           | 12-14                                  | 14-16     | 8-10        | 10-12     | 14-16        | 14-16       | 12-14        |
| Parameter       | Date Collected:     | 11/15/91        | 11/15/91                               | 11/15/91  | 12/10/91    | 12/10/91  | 05/22/91     | 05/21/91    | 05/24/91     |
| Dioxins         |                     |                 |  |           |             | *         |              |             |              |
| 2,3,7,8-TCDD    |                     | Rejected        | T NA                                   | NA        | Rejected    | NA        | Rejected     | Rejected    | Rejected     |
| TCDDs (total)   |                     | Rejected        | NA                                     | NA        | Rejected    | NA        | Rejected     | Rejected    | Rejected     |
| 1,2,3,7,8-PeC   |                     | NA              | NA                                     | NA        | NA          | NA.       | NA NA        | NA NA       | NA NA        |
| PeCDDs (total   |                     | Rejected        | NA NA                                  | NA        | Rejected    | NA.       | Rejected     | Rejected    | Rejected     |
| 1,2,3,4,7,8-Hx  |                     | NA              | NA NA                                  | NA        | NA          | NA NA     | NA NA        | NA NA       | NA NA        |
| 1,2,3,6,7,8-Hx  |                     | · NA            | NA                                     | NA        | NA.         | NA NA     | NA NA        | NA NA       | T NA         |
| 1,2,3,7,8,9-Hx  |                     | NA              | NA                                     | NA        | NA NA       | NA NA     | NA NA        | NA NA       | NA NA        |
| HxCDDs (total   | )                   | Rejected        | NA NA                                  | NA        | Rejected    | NA.       | Rejected     | Rejected    | Rejected     |
| 1,2,3,4,6,7,8-1 |                     | NA              | NA NA                                  | NA        | NA NA       | NA NA     | NA NA        | NA NA       | NA NA        |
| HpCDDs (total   | )                   | Rejected        | NA                                     | NA        | Rejected    | NA.       | Rejected     | Rejected    | Rejected     |
| OCDD            |                     | Rejected        | NA                                     | NA        | Rejected    | NA NA     | Rejected     | Rejected    | Rejected     |
| Total TEQs (V   | VHO TEFs)           | NC              | NA                                     | NA        | NC          | NA NA     | NC NC        | NC NC       | NC NC        |
| Inorganics      |                     |                 | 1                                      |           |             |           | 1 110        | 1 140       | 1 110        |
| Aluminum        |                     | 7400            | NA NA                                  | NA        | 9180 *      | NA        | 10200        | 2690        | 7230         |
| Antimony        |                     | ND(4.20) N      | NA NA                                  | NA        | 13.9 BN     | NA NA     | ND(2.80) N   | ND(2.20) N  | ND(3.60) N   |
| Arsenic         |                     | 1.50 *          | NA NA                                  | NA        | 8.60 A      | NA NA     | 1.40         | 2.60        | 3.30 N       |
| Barium          |                     | 10.6 BN*        | NA NA                                  | NA.       | 240         | NA NA     | 31.0 *       | 54.9 *      | 34.0         |
| Beryllium       |                     | 0.210 B         | NA NA                                  | NA.       | 0.570 B     | NA NA     | 0.250 B      | ND(0.100)   | ND(0.110)    |
| Cadmium         |                     | ND(0.590) N     | NA NA                                  | NA        | 2.60        | NA NA     | ND(0,510)    | ND(0.400)   | ND(0.440)    |
| Calcium         |                     | 707 E*          | NA NA                                  | NA NA     | 9190 E      | NA NA     | 25500 E      | 427 BE      | 1320         |
| Chromium        |                     | 6.90 EN*        | NA NA                                  | NA        | 106         | NA NA     | 10.2         | 8.20        | 9.20         |
| Cobalt          |                     | 7.60 *          | NA                                     | NA        | 13.9        | NA NA     | 9.10         | 2.90 B      | 9.20         |
| Copper          |                     | 36.9 *          | NA NA                                  | NA        | 980 N       | NA NA     | 17.3         | 1440        | 68.4         |
| Cyanide         |                     | ND(0.590)       | NA                                     | NA        | 0.990       | NA.       | ND(0.590)    | ND(0.740)   | ND(0.580)    |
| iron            |                     | 15600 E*        | NA                                     | NA        | 32600 *     | NA        | 20600 E      | 5410 E      | 18300        |
| Lead            |                     | 33.2 E          | NA NA                                  | NA        | 968 *       | NA        | 2.40 A*      | 108         | 32.1         |
| Magnesium       | - 1                 | 3190            | . NA                                   | NA        | 4300        | NA        | 17000        | 969         | 3060         |
| Manganese       |                     | 177 E*          | NA NA                                  | NA        | 473 N*      | NA        | 368 E*       | 51.1 E*     | 335          |
| Mercury         |                     | ND(0.120) N     | NA                                     | NA        | 3.70        | NA        | ND(0.130)    | 0.260       | 1.10         |
| Nickel          |                     | 16.5 N*         | NA                                     | NA        | 70.2        | NA        | 17.6         | 16.1        | 17.4         |
| Potassium       |                     | 325 B           | NA                                     | NA        | 567 B       | NA        | 1150         | 175 B       | 348 B        |
| Selenium        |                     | ND(0.350) WN    | NA NA                                  | NA        | ND(1.00)    | NA        | ND(0.380) WN | 0.670 BAN   | ND(0.440) WN |
| Silver          |                     | ND(0.700) N     | NA NA                                  | NA        | 3.40 N      | NA NA     | ND(0.630) N  | ND(0.500) N | ND(0.540) WN |
| Sodium          |                     | 97.4 B          | NA                                     | NA        | 451 B       | NA NA     | 76.5 B       | 147 B       | 82.9 B       |
| Sulfide         |                     | 38.9 [ND(12.2)] | NA NA                                  | NA        | NA NA       | NA NA     | NA NA        | NA<br>NA    | 02.9 B<br>NA |
| Thallium        |                     | ND(0.230) N     | NA NA                                  | NA        | ND(0.790) W | NA NA     |              | ND(6.00) WN | ND(0.330) W  |
| Tin             |                     | NA              | NA                                     | NA        | NA NA       | NA NA     | NA NA        | NA NA       | NA NA        |
| Vanadium        |                     | 7.20            | NA                                     | NA        | 21.9        | NA NA     | 13.7         | 3.60 B      | 7.00         |
| Zinc            |                     | 66.1 E*         | NA NA                                  | NA        | 1300        | NA NA     | 59.4 E       | 196 E       | 63.1         |
| Conventional    | Parameters          |                 | ······································ |           |             |           | 00.46        | 100 L       | V3.1         |
| Total Phenois   |                     | 0.89            | NA                                     | 2.5       | NA I        | NA I      | NA I         | 2.0         | 0.13         |

## PRE-DESIGN INVESTIGATION REPORT FOR THE NEWELL STREET AREA II REMOVAL ACTION GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

| Sample Depth(Feet): Parameter Date Collected: | NS-15<br>PN15B0608<br>6-8 | NS-16<br>PN16B0810<br>8-10            | NS-17<br>PN17B0204<br>2-4   | NS-18<br>PN18B0608<br>6-8             | NS-19<br>PN19B0608<br>6-8             | NS-20<br>PN20B0406<br>4-6 |
|---|---------------------------|---------------------------------------|---|---------------------------------------|---------------------------------------|---------------------------|
| Parameter Date Collected:                     | 06/16/95                  | 06/13/95                              | 06/14/95  | 06/14/95                              | 06/14/95                              | 06/12/95                  |
| Volatile Organics                             | 00/10/35                  | 00.10.00                              |   |                                       | · · · · · · · · · · · · · · · · · · · |                           |
| 1,1,1,2-Tetrachloroethane                     | ND(0.0010)                | ND(0.0010)                            | ND(0.0010) [ND(0.0010)]   | ND(0.0010)                            | ND(0.0010)                            | ND(0.0010)                |
| 1.1.1-trichloro-2.2.2-trifluoroethane         | NA NA                     | NA NA                                 | NA  | NA NA                                 | NA NA                                 | NA                        |
| 1,1,1-Trichloroethane                         | ND(0.0010)                | ND(0.0010)                            | ND(0.0010) [0.0030]   | ND(0.0010)                            | ND(0.0010)                            | ND(0.0010)                |
| 1,1,2,2-Tetrachloroethane                     | ND(0.0010)                | ND(0.0010)                            | ND(0.0010) [ND(0.0010)]   | ND(0.0010)                            | ND(0.0010)                            | ND(0.0010)                |
| 1,1,2-trichloro-1,2,2-trifluoroethane         | NA NA                     | NA                                    | NA NA   | NA                                    | NA                                    | NA                        |
| 1.1.2-Trichloroethane                         | ND(0.0010)                | ND(0.0010)                            | ND(0.0010) [ND(0.0010)]   | ND(0.0010)                            | ND(0.0010)                            | ND(0.0010)                |
| 1,1-Dichloroethane                            | ND(0.0010)                | ND(0.0010)                            | ND(0.0010) [ND(0.0010)]   | ND(0.0010)                            | ND(0.0010)                            | ND(0.0010)                |
| 1,1-Dichloroethene                            | ND(0.0010)                | ND(0.0010)                            | ND(0.0010) [ND(0.0010)]   | ND(0.0010)                            | ND(0.0010)                            | ND(0.0010)                |
| 1,2,3-Trichloropropane                        | ND(0.010)                 | ND(0.010)                             | ND(0.010) [ND(0.010)]   | ND(0.010)                             | ND(0.010)                             | ND(0.010)                 |
| 1,2-Dibromo-3-chloropropane                   | ND(0.0010)                | ND(0.0010)                            | ND(0.0010) [ND(0.0010)]   | ND(0.0010)                            | ND(0.0010)                            | ND(0.0010)                |
| 1,2-Dibromoethane                             | ND(0.0010)                | ND(0.0010)                            | ND(0.0010) [ND(0.0010)]   | ND(0.0010)                            | ND(0.0010)                            | ND(0.0010)                |
| 1,2-Dichloroethane                            | ND(0.0010)                | ND(0.0010)                            | ND(0.0010) [ND(0.0010)]   | ND(0.0010)                            | ND(0.0010)                            | ND(0.0010)                |
| 1,2-Dichloroethene (total)                    | NA                        | NA NA                                 | NA NA   | NA NA                                 | NA<br>NA                              | NA<br>ND(0.0010)          |
| 1,2-Dichloropropane                           | ND(0.0010)                | ND(0.0010)                            | ND(0.0010) [ND(0.0010)]   | ND(0.0010)                            | ND(0.0010)                            |                           |
| 1,4-Dioxane                                   | ND(0.020)                 | ND(0.020)                             | ND(0.020) [ND(0.020)]   | ND(0.020)                             | ND(0.020)<br>ND(0.0010)               | ND(0.020)<br>ND(0.0010)   |
| 2-Butanone                                    | ND(0.0010)                | ND(0.0010)                            | ND(0.0010) [ND(0.0010)]<br>ND(0.0010) [ND(0.0010)]                          | ND(0.0010)<br>ND(0.0010)              | ND(0.0010)<br>ND(0.0010)              | ND(0.0010)                |
| 2-Chloro-1,3-butadiene                        | ND(0.0010)                | ND(0.0010)                            | ND(0.0010) [ND(0.0010)]<br>ND(0.0010) [ND(0.0010)]                          | ND(0.0010)<br>ND(0.0010)              | ND(0.0010)<br>ND(0.0010)              | ND(0.0010)                |
| 2-Chloroethylvinylether                       | ND(0.0010)                | ND(0.0010)<br>ND(0.010)               | ND(0.0010) [ND(0.0010)]   | ND(0.010)                             | ND(0.0010)                            | ND(0.010)                 |
| 2-Hexanone                                    | ND(0.010)<br>ND(0.010)    | ND(0.010)<br>ND(0.010)                | ND(0.010) [ND(0.010)]   | ND(0.010)                             | ND(0.010)                             | ND(0.010)                 |
| 3-Chloropropene<br>4-Methyl-2-pentanone       | ND(0.010)<br>ND(0.0010)   | ND(0.010)                             | ND(0.010) [ND(0.010)]<br>ND(0.0010) [ND(0.0010)]                            | ND(0.0010)                            | ND(0.0010)                            | ND(0.0010)                |
| Acetone                                       | ND(0.020)                 | ND(0.0010)                            | ND(0.020) [ND(0.020)]   | ND(0.020)                             | ND(0.020)                             | ND(0.020)                 |
| Acetonie<br>Acetonitrile                      | ND(0.020)                 | ND(0.010)                             | ND(0.010) [ND(0.010)]   | ND(0.010)                             | ND(0.010)                             | ND(0.010)                 |
| Acrolein                                      | ND(0.0010)                | ND(0.0010)                            | ND(0.0010) [ND(0.0010)]   | ND(0.0010)                            | ND(0.0010)                            | ND(0.010)                 |
| Acrylonitrile                                 | ND(0.010)                 | ND(0.010)                             | ND(0.010) [ND(0.010)]   | ND(0.010)                             | ND(0.010)                             | ND(0.010)                 |
| Benzene                                       | ND(0.0010)                | ND(0.0010)                            | ND(0.0010) [ND(0.0010)]   | ND(0.0010)                            | ND(0.0010)                            | ND(0.0010)                |
| Bromodichloromethane                          | ND(0.0010)                | ND(0.0010)                            | ND(0.0010) [ND(0.0010)]   | ND(0.0010)                            | ND(0.0010)                            | ND(0.0010)                |
| Bromoform                                     | ND(0.0010)                | ND(0.0010)                            | ND(0.0010) [ND(0.0010)]   | ND(0.0010)                            | ND(0.0010)                            | ND(0.0010)                |
| Bromomethane                                  | ND(0.0010)                | ND(0.0010)                            | ND(0.0010) [ND(0.0010)]   | ND(0.0010)                            | ND(0.0010)                            | ND(0.0010)                |
| Carbon Disulfide                              | ND(0.0010)                | ND(0.0010)                            | ND(0.0010) [ND(0.0010)]   | ND(0.0010)                            | ND(0.0010)                            | ND(0.0010)                |
| Carbon Tetrachloride                          | ND(0.0010)                | ND(0.0010)                            | ND(0.0010) [ND(0.0010)]   | ND(0.0010)                            | ND(0.0010)                            | ND(0.0010)                |
| Chlorobenzene                                 | ND(0.0010)                | 0.35                                  | ND(0.0010) [ND(0.0010)]   | ND(0.0010)                            | ND(0.0010)                            | ND(0.0010)                |
| Chloroethane                                  | ND(0.0010)                | ND(0.0010)                            | ND(0.0010) [ND(0.0010)]   | ND(0.0010)                            | ND(0.0010)                            | ND(0.0010)                |
| Chloroform                                    | ND(0.0010)                | ND(0.0010)                            | ND(0.0010) [ND(0.0010)]   | ND(0.0010)                            | ND(0.0010)                            | ND(0.0010)                |
| Chloromethane                                 | ND(0.0010)                | ND(0.0010)                            | ND(0.0010) [ND(0.0010)]   | ND(0.0010)                            | ND(0.0010)                            | ND(0.0010)                |
| cis-1,2-Dichloroethene                        | NA                        | NA NA                                 | NA NA   | NA NA                                 | NA<br>NA                              | NA<br>VD(0.0040)          |
| cis-1,3-Dichloropropene                       | ND(0.0010)                | ND(0.0010)                            | ND(0.0010) [ND(0.0010)]   | ND(0.0010)                            | ND(0.0010)                            | ND(0.0010)<br>NA          |
| cis-1,4-Dichloro-2-butene                     | NA NA                     | NA NA                                 | NA NA   | NA<br>NA                              | NA<br>NA                              | NA NA                     |
| Crotonaldehyde                                | NA NA                     | NA<br>ND(0.0040)                      | NA<br>ND(0.0010) [ND(0.0010)]   | ND(0.0010)                            | ND(0.0010)                            | ND(0.0010)                |
| Dibromochloromethane                          | ND(0.0010)                | ND(0.0010)                            |   | ND(0.0010)                            | ND(0.0010)                            | ND(0.0010)                |
| Dibromomethane                                | ND(0.0010)                | ND(0.0010)<br>ND(0.0010)              | ND(0.0010) [ND(0.0010)]<br>ND(0.0010) [ND(0.0010)]                          | ND(0.0010)                            | ND(0.0010)                            | ND(0.0010)                |
| Dichlorodifluoromethane                       | ND(0.0010)<br>ND(0.010)   | ND(0.0010)                            | ND(0.010) [ND(0.010)]   | ND(0.0010)                            | ND(0.0010)                            | ND(0.010)                 |
| Ethyl Methacrylate Ethylbenzene               | 0.0030                    | ND(0.010)                             | ND(0.010) [ND(0.010)]   | ND(0.0010)                            | ND(0.0010)                            | ND(0.0010)                |
| lodomethane                                   | ND(0.010)                 | ND(0.0010)                            | ND(0.010) [ND(0.010)]   | ND(0.010)                             | ND(0.010)                             | ND(0.010)                 |
| Isobutanol                                    | ND(0.010)                 | ND(0.0010)                            | ND(0.0010) [ND(0.0010)]   | ND(0.0010)                            | ND(0.0010)                            | ND(0.010)                 |
| m&p-Xylene                                    | 0.013                     | ND(0.0010)                            | 0.0010 [0.0030]   | 0.0010                                | ND(0.0010)                            | ND(0.0010)                |
| Methacrylonitrile                             | ND(0.0010)                | ND(0.0010)                            | ND(0.0010) [ND(0.0010)]   | ND(0.0010)                            | ND(0.0010)                            | ND(0.0010)                |
| Methyl Methacrylate                           | ND(0.010)                 | ND(0.010)                             | ND(0.010) [ND(0.010)]   | ND(0.010)                             | ND(0.010)                             | ND(0.010)                 |
| Methylene Chlonde                             | ND(0.0010)                | ND(0.0010)                            | ND(0.0010) [ND(0.0010)]   | ND(0.0010)                            | ND(0.0010)                            | ND(0.0010)                |
| Pentachioroethane                             | NA                        | NA                                    | NA NA   | NA                                    | NA                                    | NA                        |
| Propionitrile                                 | ND(0.020)                 | ND(0.020)                             | ND(0.020) [ND(0.020)]   | ND(0.020)                             | ND(0.020)                             | ND(0.020)                 |
| Pyridine                                      | NA                        | NA NA                                 | NA NA   | NA                                    | NA                                    | NA                        |
| Styrene                                       | ND(0.0010)                | ND(0.0010)                            | ND(0.0010) [ND(0.0010)]   | ND(0.0010)                            | ND(0.0010)                            | ND(0.0010)                |
| Tetrachioroethene                             | ND(0.0010)                | ND(0.0010)                            | ND(0.0010) [ND(0.0010)]   | ND(0.0010)                            | ND(0.0010)                            | ND(0.0010)                |
| Toluene                                       | 0.012                     | 0.0040                                | 0.0010 [ND(0.0010)]   | 0.0020                                | ND(0.0010)                            | ND(0.0010)                |
| trans-1,2-Dichloroethene                      | ND(0.0010)                | ND(0.0010)                            | ND(0.0010) [ND(0.0010)]   | ND(0.0010)                            | ND(0.0010)                            | ND(0.0010)                |
| trans-1,3-Dichloropropene                     | ND(0.0010)                | ND(0.0010)                            | ND(0.0010) [ND(0.0010)]   | ND(0.0010)                            | ND(0.0010)                            | ND(0.0010)                |
| trans-1,4-Dichloro-2-butene                   | ND(0.0010)                | ND(0.0010)                            | ND(0.0010) [ND(0.0010)]   | ND(0.0010)                            | ND(0.0010)                            | ND(0.0010)                |
|   | 0.017                     | ND(0.0010)                            | ND(0.0010) [ND(0.0010)]   | 0.17                                  | ND(0.0010)                            | ND(0.0010)                |
| Trichloroethene                               |                           |                                       |   |                                       |                                       | E REFORM FOR 4 ON         |
|   | ND(0.0010)                | ND(0.0010)                            | ND(0.0010) [ND(0.0010)]   | ND(0.0010)                            | ND(0.0010)                            | ND(0.0010)                |
| Trichloroethene                               |                           | ND(0.0010)<br>ND(0.010)<br>ND(0.0010) | ND(0.0010) [ND(0.0010)]<br>ND(0.010) [ND(0.010)]<br>ND(0.0010) [ND(0.0010)] | ND(0.0010)<br>ND(0.010)<br>ND(0.0010) | ND(0.0010)<br>ND(0.010)<br>ND(0.0010) | ND(0.010)<br>ND(0.010)    |

## PRE-DESIGN INVESTIGATION REPORT FOR THE NEWELL STREET AREA II REMOVAL ACTION GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

| Location ID:<br>Sample ID:                     | NS-15<br>PN15B0608  | NS-16<br>PN16B0810  | NS-17<br>PN17B0204<br>2-4                | NS-18<br>PN18B0608<br>6-8 | NS-19<br>PN19B0608<br>6-8 | NS-20<br>PN20B0406<br>4-6 |
|--|---------------------|---------------------|--|---------------------------|---------------------------|---------------------------|
| Sample Depth(Feet): Parameter Date Collected:  | 6-8<br>06/16/95     | 8-10<br>06/13/95    | 06/14/95                                 | 06/14/95                  | 06/14/95                  | 06/12/95                  |
| Semivolatile Organics                          | 1 00.000            | 00/10/00            | 03.74.00                                 | 1 00                      | 1 00, 1, 1, 00            |                           |
| 1,2,3,4-Tetrachlorobenzene                     | NA NA               | NA NA               | NA NA                                    | NR                        | NA                        | NA                        |
| 1,2,3,5-Tetrachlorobenzene                     | NA                  | NA                  | NA                                       | NR                        | NA                        | NA                        |
| 1,2,3-Trichlorobenzene                         | NA                  | NA                  | NA NA                                    | NR                        | NA                        | NA                        |
| 1,2,4,5-Tetrachlorobenzene                     | ND(0.99)            | ND(0.99)            | ND(0.99) [ND(0.99)]                      | 0.11                      | ND(0.99)                  | ND(0.99)                  |
| 1,2,4-Trichlorobenzene                         | ND(0.33)            | ND(0.33)            | ND(0.33) [ND(0.33)]                      | 2.2                       | ND(0.33)                  | ND(0.33)                  |
| 1,2-Dichlorobenzene                            | ND(0.66)            | ND(0.66)            | ND(0.66) [ND(0.66)]                      | NR                        | ND(0.66)                  | ND(0.66)                  |
| 1,2-Diphenylhydrazine                          | ND(3.0)             | ND(3.0)             | ND(3.0) [ND(3.0)]                        | NR NR                     | ND(3.0)                   | ND(3.0)                   |
| 1,3,5-Trichlorobenzene                         | NA<br>ND(2.0)       | NA<br>ND(3.0)       | NA<br>ND(3.0) [ND(3.0)]                  | NR<br>NR                  | NA<br>ND(3.0)             | NA<br>ND(3.0)             |
| 1,3,5-Trinitrobenzene<br>1,3-Dichlorobenzene   | ND(3.0)<br>ND(0.66) | ND(3.0)<br>ND(0.66) | ND(0.66) [ND(0.66)]                      | 0.25                      | ND(0.66)                  | ND(0.66)                  |
| 1,3-Dinitrobenzene                             | ND(0.99)            | ND(0.99)            | ND(0.99) [ND(0.99)]                      | NR                        | ND(0.99)                  | ND(0.99)                  |
| 1.4-Dichlorobenzene                            | ND(0.66)            | 2.6                 | ND(0.66) [ND(0.66)]                      | 0.57                      | ND(0.66)                  | ND(0.66)                  |
| 1,4-Dinitrobenzene                             | NA                  | NA NA               | NA NA                                    | NR                        | NA                        | NA                        |
| 1,4-Naphthoquinone                             | ND(2.3)             | ND(2.3)             | ND(2.3) [ND(2.3)]                        | NR                        | ND(2.3)                   | ND(2.3)                   |
| 1-Chloronaphthalene                            | NA NA               | NA                  | NA NA                                    | NR                        | NA NA                     | NA                        |
| 1-Methylnaphthalene                            | NA                  | NA                  | NA NA                                    | NR                        | NA                        | NA                        |
| 1-Naphthylamine                                | ND(2.3)             | ND(2.3)             | ND(2.3) [ND(2.3)]                        | NR                        | ND(2.3)                   | ND(2.3)                   |
| 2,3,4,6-Tetrachlorophenol                      | ND(2.3)             | ND(2.3)             | ND(2.3) [ND(2.3)]                        | NR                        | ND(2.3)                   | ND(2.3)                   |
| 2,4,5-Trichlorophenol                          | ND(1.7)             | ND(1.7)             | ND(1.7) [ND(1.7)]                        | NR                        | ND(1.7)                   | ND(1.7)                   |
| 2,4,6-Trichlorophenol                          | ND(1.7)             | ND(1.7)             | ND(1.7) [ND(1.7)]                        | NR                        | ND(1.7)                   | ND(1.7)                   |
| 2,4-Dichlorophenol                             | ND(0.99)            | ND(0.99)            | ND(0.99) [ND(0.99)]                      | NR                        | ND(0.99)                  | ND(0.99)                  |
| 2,4-Dimethylphenol                             | ND(2.3)             | ND(2.3)             | ND(2.3) [ND(2.3)]                        | NR                        | ND(2.3)                   | ND(2.3)                   |
| 2,4-Dinitrophenol 2,4-Dinitrotoluene           | ND(5.0)<br>ND(0.99) | ND(5.0)<br>ND(0.99) | ND(5.0) [ND(5.0)]<br>ND(0.99) [ND(0.99)] | NR<br>NR                  | ND(5.0)<br>ND(0.99)       | ND(5.0)<br>ND(0.99)       |
| 2.6-Dichlorophenol                             | ND(1.7)             | ND(0.99)            | ND(0.99) [ND(0.99)]<br>ND(1.7) [ND(1.7)] | NR NR                     | ND(0.99)                  | ND(0.99)<br>ND(1.7)       |
| 2.6-Dinitrotoluene                             | ND(0.66)            | ND(0.66)            | ND(0.66) [ND(0.66)]                      | NR NR                     | ND(0.66)                  | ND(0.66)                  |
| 2-Acetylaminofluorene                          | ND(0.66)            | ND(0.66)            | ND(0.66) [ND(0.66)]                      | NR NR                     | ND(0.66)                  | ND(0.66)                  |
| 2-Chloronaphthalene                            | ND(0.66)            | ND(0.66)            | ND(0.66) [ND(0.66)]                      | NR                        | ND(0.66)                  | ND(0.66)                  |
| 2-Chlorophenol                                 | ND(0.66)            | ND(0.66)            | ND(0.66) [ND(0.66)]                      | NR                        | ND(0.66)                  | ND(0.66)                  |
| 2-Methylnaphthalene                            | ND(0.66)            | ND(0.66)            | ND(0.66) [ND(0.66)]                      | NR                        | ND(0.66)                  | ND(0.66)                  |
| 2-Methylphenol                                 | ND(0.66)            | ND(0.66)            | ND(0.66) [ND(0.66)]                      | NR                        | ND(0.66)                  | ND(0.66)                  |
| 2-Naphthylamine                                | ND(1.3)             | ND(1.3)             | ND(1.3) [ND(1.3)]                        | NR                        | ND(1.3)                   | ND(1.3)                   |
| 2-Nitroaniline                                 | ND(2.0)             | ND(2.0)             | ND(2.0) [ND(2.0)]                        | NR                        | ND(2.0)                   | ND(2.0)                   |
| 2-Nitrophenol                                  | ND(0.33)            | ND(0.33)            | ND(0.33) [ND(0.33)]                      | NR                        | ND(0.33)                  | ND(0.33)                  |
| 2-Phenylenediamine                             | NA NA               | NA                  | NA                                       | NR                        | NA                        | NA NA                     |
| 2-Picoline                                     | ND(3.0)             | ND(3.0)             | ND(3.0) [ND(3.0)]                        | NR NR                     | ND(3.0)                   | ND(3.0)                   |
| 3&4-Methylphenol                               | NA<br>ND(0, eg)     | NA<br>ND(0.66)      | NA<br>ND/0 sex (ND/0 sex)                | NR                        | NA<br>ND(0.66)            | NA<br>ND(0.00)            |
| 3,3'-Dichlorobenzidine 3,3'-Dimethoxybenzidine | ND(0.66)<br>NA      | ND(0.66)<br>NA      | ND(0.66) [ND(0.66)]<br>NA                | NR<br>NR                  | ND(0.66)<br>NA            | ND(0.66)<br>NA            |
| 3,3'-Dimethylbenzidine                         | ND(0.66)            | ND(0.66)            | ND(0.66) [ND(0.66)]                      | NR NR                     | ND(0.66)                  | ND(0.66)                  |
| 3-Methylcholanthrene                           | ND(0.33)            | ND(0.33)            | ND(0.33) [ND(0.33)]                      | NR NR                     | ND(0.33)                  | ND(0.33)                  |
| 3-Methylphenol                                 | ND(0.66)            | ND(0.66)            | ND(0.66) [ND(0.66)]                      | NR                        | ND(0.66)                  | ND(0.66)                  |
| 3-Nitroanlline                                 | ND(0.66)            | ND(0.66)            | ND(0.66) [ND(0.66)]                      | NR                        | ND(0.66)                  | ND(0.66)                  |
| 3-Phenylenediamine                             | NA                  | NA NA               | NA NA                                    | NR                        | NA                        | NA                        |
| 4,4'-Methylene-bis(2-chloroaniline)            | NA                  | NA                  | NA NA                                    | NR                        | NA NA                     | NA                        |
| 4,6-Dinitro-2-methylphenol                     | ND(3.0)             | ND(3.0)             | ND(3.0) [ND(3.0)]                        | NR                        | ND(3.0)                   | ND(3.0)                   |
| 4-Aminobiphenyl                                | ND(0.66)            | ND(0.66)            | ND(0.66) [ND(0.66)]                      | NR                        | ND(0.66)                  | ND(0.66)                  |
| 4-Bromophenyl-phenylether                      | ND(0.99)            | ND(0.99)            | ND(0.99) [ND(0.99)]                      | NR NR                     | ND(0.99)                  | ND(0.99)                  |
| 4-Chloro-3-Methylphenol                        | ND(1.3)             | ND(1.3)             | ND(1.3) [ND(1.3)]                        | NR<br>NR                  | ND(1.3)                   | ND(1.3)                   |
| 4-Chloroaniline<br>4-Chlorobenzilate           | ND(1.3)<br>ND(0.66) | ND(1.3)<br>ND(0.66) | ND(1.3) [ND(1.3)]<br>ND(0.66) [ND(0.66)] | NR<br>NR                  | ND(1.3)<br>ND(0.66)       | ND(1.3)<br>ND(0.66)       |
| 4-Chlorophenyl-phenylether                     | ND(0.66)            | ND(0.66)            | ND(0.66) [ND(0.66)]                      | NR NR                     | ND(0.66)                  | ND(0.66)                  |
| 4-Methylphenol                                 | ND(0.66)            | ND(0.66)            | ND(0.66) [ND(0.66)]                      | NR NR                     | ND(0.66)                  | ND(0.66)                  |
| 4-Nitroaniline                                 | ND(2.0)             | ND(2.0)             | ND(2.0) [ND(2.0)]                        | NR NR                     | ND(2.0)                   | ND(2.0)                   |
| 4-Nitrophenol                                  | ND(3.0)             | ND(3.0)             | ND(3.0) [ND(3.0)]                        | NR                        | ND(3.0)                   | ND(3.0)                   |
| 4-Nitroquinoline-1-oxide                       | ND(5.0)             | ND(5.0)             | ND(5.0) [ND(5.0)]                        | NR                        | ND(5.0)                   | ND(3.0)                   |
| 4-Phenylenediamine                             | ND(0.99)            | ND(0.99)            | ND(0.99) [ND(0.99)]                      | NR                        | ND(0.99)                  | ND(0.99)                  |
| 5-Nitro-o-toluidine                            | ND(2.0)             | ND(2.0)             | ND(2.0) [ND(2.0)]                        | NR                        | ND(2.0)                   | ND(2.0)                   |
| 7,12-Dimethylbenz(a)anthracene                 | ND(0.66)            | ND(0.66)            | ND(0.66) [ND(0.66)]                      | NR                        | ND(0.66)                  | ND(0.66)                  |
| a,a'-Dimethylphenethylamine                    | ND(2.3)             | ND(2.3)             | ND(2.3) [ND(2.3)]                        | NR                        | ND(2.3)                   | ND(2.3)                   |
| Acenaphthene                                   | ND(0.66)            | ND(0.66)            | ND(0.66) [ND(0.66)]                      | NR                        | ND(0.66)                  | ND(0.66)                  |
| Acenaphthylene                                 | 2.0                 | ND(0.66)            | ND(0.66) [ND(0.66)]                      | NR                        | ND(0.66)                  | ND(0.66)                  |
| Acetophenone                                   | ND(1.3)             | ND(1.3)             | ND(1.3) [ND(1.3)]                        | NR NR                     | ND(1.3)                   | ND(1.3)                   |

## PRE-DESIGN INVESTIGATION REPORT FOR THE NEWELL STREET AREA II REMOVAL ACTION GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

| Location ID:<br>Sample ID:                 | NS-15<br>PN15B0608  | NS-16<br>PN16B0810  | NS-17<br>PN17B0204                       | NS-18<br>PN18B0608 | NS-19<br>PN19B0608 | NS-20<br>PN20B0406 |
|--|---------------------|---------------------|--|--------------------|--------------------|--------------------|
| Sample Depth(Feet):                        | 6-8                 | 8-10                | 2-4                                      | 6-8                | 6-8                | 4-6                |
| Parameter Date Collected:                  | 06/16/95            | 06/13/95            | 06/14/95                                 | 06/14/95           | 06/14/95           | 06/12/95           |
| Semivolatile Organics(continued)           |                     |                     |  |                    |                    |                    |
| Aniline                                    | ND(0.99)            | ND(0.99)            | ND(0.99) [ND(0.99)]                      | NR                 | ND(0.99)           | ND(0.99)           |
| Anthracene                                 | 0.76                | ND(0.66)            | ND(0.66) [ND(0.66)]                      | 0.16               | ND(0.66)           | ND(0.66)           |
| Aramite                                    | ND(1.3)             | ND(1.3)             | ND(1.3) [ND(1.3)]                        | NR                 | ND(1.3)            | ND(1.3)            |
| Benzal chloride                            | NA NA               | NA NA               | NA NA                                    | NR                 | NA NA              | NA                 |
| Benzidine                                  | ND(3.3)             | ND(3.3)             | ND(3.3) [ND(3.3)]                        | NR                 | ND(3.3)            | ND(3.3)            |
| Benzo(a)anthracene                         | 1.9                 | ND(0.66)            | ND(0.66) [ND(0.66)]                      | 0.45               | ND(0.66)           | ND(0.66)           |
| Benzo(a)pyrene                             | 3.1                 | ND(0.66)            | ND(0.66) [ND(0.66)]                      | 0.57               | ND(0.66)           | ND(0.66)           |
| Benzo(b)fluoranthene                       | 3.1                 | ND(0.66)            | ND(0.66) [ND(0.66)]                      | 1.5                | ND(0.66)           | ND(0.66)           |
| Benzo(g,h,i)perylene                       | 1.6                 | ND(0.66)            | ND(0.66) [ND(0.66)]                      | 0.43               | ND(0.66)           | ND(0.66)           |
| Benzo(k)fluoranthene                       | 1.2                 | ND(0.66)            | ND(0.66) [ND(0.66)]                      | 0.50               | ND(0.66)           | ND(0.66)           |
| Benzoic Acid                               | NA NA               | NA NA               | NA NA                                    | NR                 | NA NA              | NA NA              |
| Benzotrichloride                           | NA NA               | NA NA               | NA NA                                    | NR                 | NA NA              | NA ·               |
| Benzyl Alcohol                             | ND(1.3)             | ND(1.3)             | ND(1.3) [ND(1.3)]                        | NR                 | ND(1.3)            | ND(1.3)            |
| Benzyl Chloride                            | NA                  | NA ·                | NA NA                                    | NR                 | NA                 | NA                 |
| bis(2-Chloroethoxy)methane                 | ND(0.66)            | ND(0.66)            | ND(0.66) [ND(0.66)]                      | NR                 | ND(0.66)           | ND(0.66)           |
| bis(2-Chloroethyl)ether                    | ND(0.66)            | ND(0.66)            | ND(0.66) [ND(0.66)]                      | NR                 | ND(0.66)           | ND(0.66)           |
| bis(2-Chloroisopropyl)ether                | ND(0.66)            | ND(0.66)            | ND(0.66) [ND(0.66)]                      | NR                 | ND(0.66)           | ND(0.66)           |
| bis(2-Ethylhexyl)phthalate                 | ND(1.7)             | ND(1.7)             | ND(1.7) [ND(1.7)]                        | 0.26               | ND(1.7)            | ND(1.7)            |
| Butylbenzylphthalate                       | ND(0.66)            | ND(0.66)            | ND(0.66) [ND(0.66)]                      | NR                 | ND(0.66)           | ND(0.66)           |
| Chrysene                                   | 2.1                 | ND(0.66)            | ND(0.66) [ND(0.66)]                      | 0.37               | ND(0.66)           | ND(0.66)           |
| Cyclophosphamide                           | NA NA               | NA NA               | NA NA                                    | NR                 | NA NA              | NA NA              |
| Diallate                                   | ND(1.3)             | ND(1.3)             | ND(1.3) [ND(1.3)]                        | NR                 | ND(1.3)            | ND(1.3)            |
| Dibenz(a,j)acridine                        | NA                  | NA                  | NA NA                                    | NR                 | NA NA              | NA                 |
| Dibenzo(a,h)anthracene                     | ND(0.66)            | ND(0.66)            | ND(0.66) [ND(0.66)]                      | NR                 | ND(0.66)           | ND(0.66)           |
| Dibenzofuran                               | ND(0.66)            | ND(0.66)            | ND(0.66) [ND(0.66)]                      | NR NR              | ND(0.66)           | ND(0.66)           |
| Diethylphthalate                           | ND(0.99)            | ND(0.99)            | ND(0.99) [ND(0.99)]                      | NR                 | ND(0.99)           | ND(0.99)           |
| Dimethylphthalate                          | ND(0.66)            | ND(0.66)            | ND(0.66) [ND(0.66)]                      | NR                 | ND(0.66)           | ND(0.66)           |
| Di-n-Butylphthalate                        | 2.3                 | ND(0.99)            | ND(0.99) [ND(0.99)]                      | 0.56               | ND(0.99)           | ND(0.99)           |
| Di-n-Octylphthalate                        | ND(1.3)             | ND(1.3)             | ND(1.3) [ND(1.3)]                        | NR                 | ND(1.3)            | ND(1.3)            |
| Dinoseb                                    | NA NA               | NA<br>NA            | NA NA                                    | NR                 | NA NA              | NA                 |
| Diphenylamine                              | ND(2.0)             | ND(2.0)             | ND(2.0) [ND(2.0)]                        | NR                 | ND(2.0)            | ND(2.0)            |
| Ethyl Methanesulfonate                     | ND(1.3)             | ND(1.3)             | ND(1.3) [ND(1.3)]                        | NR NR              | ND(1.3)            | ND(1.3)            |
| Fluoranthene                               | 1.9                 | ND(1.3)             | ND(1.3) [ND(1.3)]                        | 0.58               | ND(1.3)            | ND(1,3)            |
| Fluorene                                   | ND(0.66)            | ND(0.66)            | ND(0.66) [ND(0.66)]                      | 0.12               | ND(0.66)           | ND(0.66)           |
| Hexachlorobenzene                          | ND(0.99)            | ND(0.99)            | ND(0.99) [ND(0.99)]                      | NR NR              | ND(0.99)           | ND(0.99)           |
| Hexachlorobutadiene                        | ND(0.33)            | ND(0.33)<br>ND(1.7) | ND(0.33) [ND(0.33)]                      | NR NR              | ND(0.33)           | ND(0.33)           |
| Hexachlorocyclopentadiene Hexachloroethane | ND(1.7)             | ND(1.7)             | ND(1.7) [ND(1.7)]<br>ND(0.66) [ND(0.66)] | NR<br>NR           | ND(1.7)            | ND(1.7)            |
| Hexachlorophene                            | ND(0.66)<br>ND(1.3) | ND(1.3)             | ND(0.86) [ND(0.86)]<br>ND(1.3) [ND(1.3)] | NR<br>NR           | ND(0.66)           | ND(0.66)           |
| Hexachloropropene                          | ND(1.3)<br>ND(1.7)  | ND(1.3)             | ND(1.3) [ND(1.3)]<br>ND(1.7) [ND(1.7)]   | NR NR              | ND(1.3)<br>ND(1.7) | ND(1.3)<br>ND(1.7) |
| Indeno(1,2,3-cd)pyrene                     | 1.1                 | ND(0.66)            | ND(0.66) [ND(0.66)]                      | 0.38               | ND(0.66)           | ND(0.66)           |
| Isodrin                                    | ND(0.99)            | ND(0.99)            | ND(0.99) [ND(0.99)]                      | NR                 | ND(0.99)           | ND(0.00)           |
| Isophorone                                 | ND(0.66)            | ND(0.66)            | ND(0.66) [ND(0.66)]                      | NR NR              | ND(0.66)           | ND(0.66)           |
| Isosafrole                                 | ND(0.66)            | ND(0.66)            | ND(0.66) [ND(0.66)]                      | NR NR              | ND(0.66)           | ND(0.66)           |
| Methapyrilene                              | ND(2.0)             | ND(2.0)             | ND(2.0) [ND(2.0)]                        | NR NR              | ND(2.0)            | ND(2.0)            |
| Methyl Methanesulfonate                    | ND(1.3)             | ND(1.3)             | ND(1.3) [ND(1.3)]                        | NR NR              | ND(1.3)            | ND(1.3)            |
| Naphthalene                                | ND(0.33)            | ND(0.33)            | ND(0.33) [ND(0.33)]                      | 0.11               | ND(0.33)           | ND(0.33)           |
| Nitrobenzene                               | ND(1.3)             | ND(1.3)             | ND(1.3) [ND(1.3)]                        | NR                 | ND(1.3)            | ND(1.3)            |
| N-Nitrosodiethylamine                      | ND(0.99)            | ND(0.99)            | ND(0.99) [ND(0.99)]                      | NR                 | ND(0.99)           | ND(0.99)           |
| N-Nitrosodimethylamine                     | ND(0.99)            | ND(0.99)            | ND(0.99) [ND(0.99)]                      | NR NR              | ND(0.99)           | ND(0.99)           |
| N-Nitroso-di-n-butylamine                  | ND(0.66)            | ND(0.66)            | ND(0.66) [ND(0.66)]                      | NR NR              | ND(0.66)           | ND(0.66)           |
| N-Nitroso-di-n-propylamine                 | ND(1.3)             | ND(1.3)             | ND(1.3) [ND(1.3)]                        | NR                 | ND(1.3)            | ND(1.3)            |
| N-Nitrosodiphenylamine                     | ND(2.0)             | ND(2.0)             | ND(2.0) [ND(2.0)]                        | NR NR              | ND(2.0)            | ND(2.0)            |
| N-Nitrosomethylethylamine                  | ND(0.99)            | ND(0.99)            | ND(0.99) [ND(0.99)]                      | NR                 | ND(0.99)           | ND(0.99)           |
| N-Nitrosomorpholine                        | ND(0.66)            | ND(0.66)            | ND(0.66) [ND(0.66)]                      | NR                 | ND(0.66)           | ND(0.66)           |
| N-Nitrosopiperidine                        | ND(0.66)            | ND(0.66)            | ND(0.66) [ND(0.66)]                      | NR                 | ND(0.66)           | ND(0.66)           |
| N-Nitrosopyrrolidine                       | ND(0.99)            | ND(0.99)            | ND(0.99) [ND(0.99)]                      | NR                 | ND(0.99)           | ND(0.99)           |
| o,o,o-Triethyiphosphorothioate             | ND(7.3)             | ND(7.3)             | ND(7.3) (ND(7.3))                        | NR                 | ND(7.3)            | ND(7.3)            |
| o-Toluidine                                | ND(1.7)             | ND(1.7)             | ND(1.7) [ND(1.7)]                        | NR                 | ND(1.7)            | ND(1.7)            |
| Paraldehyde                                | NA NA               | NA NA               | NA NA                                    | NR                 | NA NA              | NA NA              |
| p-Dimethylaminoazobenzene                  | ND(0.66)            | ND(0.66)            | ND(0.66) [ND(0.66)]                      | NR                 | ND(0.66)           | ND(0.66)           |
| Pentachiorobenzene                         | ND(0.66)            | ND(0.66)            | ND(0.66) [ND(0.66)]                      | NR                 | ND(0.66)           | ND(0.66)           |
|  | <u></u>             |                     |  |                    |                    |                    |
| Pentachioroethane                          | ND(0.0010)          | ND(0.0010)          | ND(0.0010) [ND(0.0010)]                  | ND(0.0010)         | ND(0.0010)         | ND(0.0010)         |

## PRE-DESIGN INVESTIGATION REPORT FOR THE NEWELL STREET AREA II REMOVAL ACTION GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

| Location ID:<br>Sample ID:<br>Sample Depth(Feet): | NS-15<br>PN15B0608<br>6-8 | NS-16<br>PN16B0810<br>8-10 | NS-17<br>PN17B0204<br>2-4 | NS-18<br>PN18B0608<br>6-8 | NS-19<br>PN19B0608<br>6-8 | NS-20<br>PN20B0406<br>4-6 |
|---|---------------------------|----------------------------|---------------------------|---------------------------|---------------------------|---------------------------|
| Parameter Date Collected:                         | 06/16/95                  | 06/13/95                   | 06/14/95                  | 06/14/95                  | 06/14/95                  | 06/12/95                  |
| Semivolatile Organics(continued)                  | ·                         |                            |                           |                           |                           |                           |
| Pentachlorophenol                                 | ND(3.6)                   | ND(3.6)                    | ND(3.6) [ND(3.6)]         | NR                        | ND(3.6)                   | ND(3.6)                   |
| Phenacetin  | ND(1.3)                   | ND(1.3)                    | ND(1.3) [ND(1.3)]         | NR                        | ND(1.3)                   | ND(1.3)                   |
| Phenanthrene                                      | 1.2                       | ND(0.99)                   | ND(0.99) [ND(0.99)]       | 0.69                      | ND(0.99)                  | ND(0.99)                  |
| Phenol  | ND(0.99)                  | ND(0.99)                   | ND(0.99) [ND(0.99)]       | NR                        | ND(0.99)                  | ND(0.99)                  |
| Pronamide   | ND(0.99)                  | ND(0.99)                   | ND(0.99) [ND(0.99)]       | NR                        | ND(0.99)                  | ND(0.99)                  |
| Pyrene  | 4.7                       | ND(0.66)                   | ND(0.66) [ND(0.66)]       | 0.28                      | ND(0.66)                  | ND(0.66)                  |
| Pyridine  | ND(0.0010)                | ND(0.0010)                 | ND(0.0010) [ND(0.0010)]   | ND(0.0010)                | ND(0.0010)                | ND(0.0010)                |
| Safrole<br>Thionazin                              | ND(0.33)                  | ND(0.33)                   | ND(0.33) [ND(0.33)]       | NR                        | ND(0.33)                  | ND(0.33)                  |
| Organochlorine Pesticides                         | ND(3.0)                   | ND(3.0)                    | ND(3.0) [ND(3.0)]         | NR NR                     | ND(3.0)                   | ND(3.0)                   |
| 4.4'-DDD  |                           |                            |                           | ·                         |                           |                           |
| 4,4'-DDE  | NA NA                     | NA NA                      | NA NA                     | NA                        | NA                        | NA NA                     |
| 4,4'-DDT  | NA<br>NA                  | NA NA                      | NA NA                     | NA NA                     | NA                        | NA                        |
| Aldrin  | NA<br>NA                  | NA NA                      | NA NA                     | NA NA                     | NA                        | NA NA                     |
| Alpha-BHC   | NA<br>NA                  | NA<br>NA                   | NA<br>NA                  | NA NA                     | NA NA                     | NA                        |
| Beta-BHC  | NA<br>NA                  | NA<br>NA                   | NA NA                     | NA NA                     | NA                        | NA NA                     |
| Delta-BHC   | NA<br>NA                  | NA<br>NA                   | NA<br>NA                  | NA NA                     | NA                        | NA NA                     |
| Dieldrin  | NA<br>NA                  | NA<br>NA                   | NA NA                     | NA NA                     | NA NA                     | NA                        |
| Endosulfan I                                      | NA<br>NA                  | NA<br>NA                   | NA<br>NA                  | NA NA                     | NA NA                     | NA NA                     |
| Endosulfan II                                     | NA<br>NA                  | NA<br>NA                   | NA<br>NA                  | NA NA                     | NA NA                     | NA NA                     |
| Endosulfan Sulfate                                | NA NA                     | NA NA                      | NA NA                     | NA NA                     | NA NA                     | NA NA                     |
| Endrin  | NA NA                     | NA NA                      | NA NA                     | NA NA                     | NA NA                     | NA NA                     |
| Endrin Aldehyde                                   | NA NA                     | NA NA                      | NA NA                     | NA NA                     | NA NA                     | NA NA                     |
| Gamma-BHC (Lindane)                               | NA NA                     | NA NA                      | NA NA                     | NA NA                     | NA<br>NA                  | NA NA                     |
| Heptachlor  | NA NA                     | NA NA                      | NA NA                     | NA ^                      | NA NA                     | NA.                       |
| Heptachlor Epoxide                                | NA NA                     | NA NA                      | NA NA                     | NA<br>NA                  | NA NA                     | NA NA                     |
| Kepone  | NA NA                     | NA NA                      | NA NA                     | NA<br>NA                  | NA NA                     | NA NA                     |
| Methoxychlor                                      | NA NA                     | ·NA                        | NA NA                     | NA<br>NA                  | NA<br>NA                  | NA NA                     |
| Technical Chlordane                               | NA NA                     | NA NA                      | NA NA                     | NA<br>NA                  | NA<br>NA                  | NA NA                     |
| Toxaphene   | NA NA                     | NA NA                      | NA NA                     | NA<br>NA                  | NA NA                     | NA<br>NA                  |
| Organophosphate Pesticides                        | 7,7,7                     | / ( / (                    | TVA                       | 14/4                      | INA                       | I IVA                     |
| Dimethoate  | NA NA                     | NA I                       | NA NA                     | T NA                      |                           |                           |
| Disulfoton  | NA NA                     | NA NA                      | NA NA                     | NA<br>NA                  | NA NA                     | NA NA                     |
| Ethyl Parathion                                   | NA NA                     | NA NA                      | NA NA                     |                           | NA NA                     | NA NA                     |
| Famphur   | NA NA                     | NA I                       | NA NA                     | NA<br>NA                  | NA NA                     | NA NA                     |
| Methyl Parathion                                  | NA NA                     | NA I                       | - NA                      | NA NA                     | NA<br>NA                  | NA NA                     |
| Phorate   | NA NA                     | NA NA                      | NA NA                     | NA<br>NA                  |                           | NA NA                     |
| Sulfotep  | NA NA                     | NA NA                      | NA NA                     | NA NA                     | NA<br>NA                  | NA<br>NA                  |
| Herbicides  | 101                       | 14/                        | 170                       | I INA                     | I IVA                     | I NA                      |
| 2,4,5-T   | NA                        | NA I                       | NA NA                     | NA NA                     | 111                       |                           |
| 2,4,5-TP  | NA NA                     | NA NA                      | NA NA                     | NA NA                     | NA<br>NA                  | NA NA                     |
| 2,4-D   | NA NA                     | NA NA                      | NA NA                     | NA NA                     | NA<br>NA                  | NA<br>NA                  |
| Dinoseb   | NA NA                     | NA NA                      | NA NA                     | NA NA                     | NA NA                     | NA<br>NA                  |
| Furans  |                           |                            | 134                       | I IAV                     |                           | IVA                       |
| 2,3,7,8-TCDF                                      | 0.00012                   | 0.00049                    | 0.00022 [0.00019]         | 0.000004                  | LAUDIO COCCOCO            | 1/5/0 0000000             |
| TCDFs (total)                                     | 0.00083                   | 0.00049                    | 0.0022 [0.00019]          | 0.000091                  |                           | ND(0.0000033)             |
| 1,2,3,7,8-PeCDF                                   | 0.00026                   | 0.00098                    | 0.0028 [0.0022]           | 0.00069                   | 0.000052                  | ND(0.0000033)             |
| 2,3,4,7,8-PeCDF                                   | 0.00028                   | 0.00098                    | 0.00018 [0.00018]         | 0.000069                  | ND(0.000058)              | ND(0.0000047)             |
| PeCDFs (total)                                    | 0.00028                   | 0.00032                    | 0.0077 [0.0049]           | 0.00020                   | 0.000051                  | ND(0.0000047)             |
| 1,2,3,4,7,8-HxCDF                                 | 0.00034                   | 0.0091                     | 0.00057 [0.00050]         | 0.0017                    | 0.00024<br>0.00020        | ND(0.0000047)             |
| 1,2,3,6,7,8-HxCDF                                 | 0.00018                   | 0.0015                     | 0.0019 [0.00030]          | 0.00036                   |                           | ND(0.0000023)             |
| 1,2,3,7,8,9-HxCDF                                 | 0.0000078                 | 0.0038                     | 0.000069 (0.000027)       | 0.00037                   | 0.000076<br>0.000058      | ND(0.0000020)             |
| 2,3,4,6,7,8-HxCDF                                 | 0.000033                  | 0.0019                     | 0.00009 [0.000027]        | 0.000037                  |                           | ND(0.0000028)             |
| HxCDFs (total)                                    | 0.00072                   | 0.0019                     | 0.00027 [0.00019]         | 0.00014                   | 0.000042                  | ND(0.0000023)             |
| 1,2,3,4,6,7,8-HpCDF                               | 0.00072                   | 0.016                      | 0.00090 [0.00070]         |                           | 0.00059                   | ND(0.0000028)             |
| 1,2,3,4,7,8,9-HpCDF                               | 0.00020                   | 0.0066                     | 0.00090 [0.00070]         | 0.00043<br>0.00017        | 0.000068                  | ND(0.0000035)             |
| HpCDFs (total)                                    | 0.00035                   | 0.089                      | 0.00013 [0.00015]         | 0.00017                   | 0.000057                  | ND(0.0000044)             |
| OCDF  | 0.00033                   | 0.012                      | 0.00063 [0.00084]         | 0.00046                   | 0.00019<br>0.000048       | ND(0.0000044)             |
|   | V.UUU17                   | 37.21 14.                  | 0.00000 (0.0000+)         | V.VVV40                   | U.UUUU48                  | ND(0.000010)              |

## PRE-DESIGN INVESTIGATION REPORT FOR THE NEWELL STREET AREA II REMOVAL ACTION GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

|                | Location ID:                           | NS-15        | NS-16                                 | NS-17                         | NS-18         | NS-19         | NS-20         |
|----------------|--|--------------|---------------------------------------|-------------------------------|---------------|---------------|---------------|
|                | Sample ID:                             | PN15B0608    | PN16B0810                             | PN17B0204                     | PN18B0608     | PN19B0608     | PN20B0406     |
|                | Sample Depth(Feet):                    | 6-8          | 8-10                                  | 2-4                           | 6-8           | 6-8           | 4-6           |
| Parameter      | Date Collected:                        | 06/16/95     | 06/13/95                              | 06/14/95                      | 06/14/95      | 06/14/95      | 06/12/95      |
| Dioxins        |  |              |                                       |                               |               |               |               |
| 2.3.7.8-TCDD   |  | ND(0.000013) | 0.000062                              | ND(0.0000091) [ND(0.0000072)] | ND(0.0000055) | ND(0.000047)  | ND(0.0000031) |
| TCDDs (total)  |  | ND(0.000013) | 0.0017                                | ND(0.0000091) [ND(0.0000072)] | ND(0.0000055) | ND(0.000047)  | ND(0.0000031) |
| 1.2.3.7.8-PeC  | DD                                     | ND(0.000011) | 0.000094                              | ND(0.000011) I (ND(0.000014)) | ND(0.0000061) | ND(0.000056)  | ND(0.0000057) |
| PeCDDs (total  |  | ND(0.000011) | 0.0014                                | ND(0.000011) I [ND(0.000014)] | ND(0.0000061) | ND(0.000056)  | ND(0.0000057) |
| 1,2,3,4,7,8-Hx |  | ND(0.000014) | 0.00051                               | ND(0.0000042) [ND(0.0000043)] | ND(0.0000097) | ND(0.000061)  | ND(0.0000089) |
| 1.2.3.6.7.8-Hx |  | ND(0.000013) | 0.00033                               | ND(0.000012) [ND(0.000011)]   | ND(0.0000085) | ND(0.000053)  | ND(0.0000086) |
| 1.2.3.7.8.9-Hx |  | ND(0.000013) | 0.00035                               | ND(0.0000067) [ND(0.0000056)] | ND(0.0000085) | ND(0.000054)  | ND(0.0000087) |
| HxCDDs (total  |  | 0.000024     | 0.0067                                | 0.000094 [0.000015]           | ND(0.0000097) | ND(0.0000061) | ND(0.0000099) |
| 1,2,3,4,6,7,8- |  | 0.000024     | 0.0070                                | 0.000079 [0.000066]           | 0.000027      | 0.000011      | ND(0.0000040) |
| HpCDDs (tota   |  | 0.000047     | 0.014                                 | 0.00015 [0.00012]             | 0.000051      | 0.000019      | ND(0.0000040) |
| OCDD           | · L                                    | 0.000054     | 0.11                                  | 0.00034 [0.0010]              | 0.00012       | 0.000064      | ND(0.0000069) |
| Total TEQs (V  | VHO TEFs)                              | 0.00024      | 0.0026                                | 0.00047 [0.00035]             | 0.00023       | 0.00012       | 0.0000077     |
| Inorganics     |  | <u> </u>     | · · · · · · · · · · · · · · · · · · · |                               |               | <u> </u>      |               |
| Aluminum       |  | NA           | NA                                    | NA NA                         | NA            | NA            | NA NA         |
| Antimony       |  | 0.642        | 0.175                                 | 1.66 [2.05]                   | 0.780         | 0.505         | 0.814         |
| Arsenic        |  | 6.46         | 5.15                                  | 3.97 [6.47]                   | 8.17          | 2.62          | 2.65          |
| Barium         |  | 42.2         | 258                                   | 174 [230]                     | 198           | 15.7          | 4.57          |
| Beryllium      | ······································ | 0.273        | 0.333                                 | 0.152 [0.238]                 | 0.271         | 0.215         | 0.732         |
| Cadmium        |  | 2.36         | 1.35                                  | 1.78 [3.03]                   | 2.18          | 1.28          | 1.86          |
| Calcium        |  | NA           | NA                                    | NA NA                         | NA            | NA            | NA NA         |
| Chromium       |  | 27.4         | 9.48                                  | 11.2 [15.9]                   | 14.2          | 7.66          | 8.12          |
| Cobalt         |  | 11.0         | 8.07                                  | 5.07 [6.79]                   | 16.1          | 9.76          | 8.10          |
| Copper         |  | 82.1         | 25.7                                  | 4140 [3530]                   | 106           | 13.0          | 4.19          |
| Cyanide        | ٠ , •                                  | ND(4.00)     | ND(4.00)                              | ND(4.00) [ND(4.00)]           | ND(4.00)      | ND(4.00)      | ND(4.00)      |
| Iron           |  | NA           | NA                                    | NA NA                         | NA            | NA            | NA            |
| Lead           |  | 86.9         | 24.7                                  | 714 [160] -                   | 4590          | 4.94          | 5.42          |
| Magnesium      |  | NA           | NA                                    | NA NA                         | NA            | NA            | NA            |
| Manganese      |  | NA           | NA                                    | NA NA                         | NA            | NA            | NA            |
| Mercury        |  | ND(0.167)    | ND(0.167)                             | ND(0.167) [ND(0.167)]         | ND(0.167)     | ND(0.167)     | ND(0.167)     |
| Nickel         |  | 17.7         | 10.3                                  | 34.1 [30.3]                   | 730           | 12.4          | 14.3          |
| Potassium      |  | NA           | NA                                    | NA NA                         | NA            | NA            | NA            |
| Selenium       |  | 1.39         | 10.7                                  | 0.710 [1.33]                  | 2.02          | 0.649         | 1.16          |
| Silver         |  | ND(0.0430)   | ND(0.0430)                            | 3.27 [0.451]                  | ND(0.0430)    | ND(0.0430)    | ND(0.0430)    |
| Sodium         |  | NA           | NA                                    | NA NA                         | NA            | NA            | NA            |
| Sulfide        | ······································ | ND(200)      | ND(200)                               | ND(200) [ND(200)]             | ND(200)       | ND(200)       | ND(200)       |
| Thallium       |  | ND(0.136)    | ND(0.136)                             | ND(0.136) [ND(0.136)]         | ND(0.136)     | ND(0.136)     | ND(0.136)     |
| Tin            |  | 17.5         | 9.63                                  | 153 [90.6]                    | 29.8          | 8.09          | 9.56          |
| Vanadium       |  | 11.3         | 11.5                                  | 8.16 [13.1]                   | 11.5          | 8.98          | 16.6          |
| Zinc           |  | 411          | 64.2                                  | 618 [54.0]                    | 258           | 41.8          | 53.2          |
|                | I Parameters                           |              |                                       | , <u> </u>                    |               |               |               |
| 1              | 3                                      | NA.          | NA.                                   | NA NA                         | NA NA         | NA            | NA.           |

### PRE-DESIGN INVESTIGATION REPORT FOR THE NEWELL STREET AREA II REMOVAL ACTION GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

| Location ID:<br>Sample ID:<br>Sample Depth(Feet):     | NS-21(B)<br>PN21B0406<br>4-6 | NS-22(B)<br>PN22B0608<br>6-8 | NS-23(B)<br>PN23B006<br>0-0.5 | NS-24<br>NS-24<br>0-0.5  | NS-24(B)<br>PN24B0002<br>0-2 | NS-33<br>NS-33<br>12-14 | NS-34<br>N34B0810<br>8-10 |
|---|------------------------------|------------------------------|-------------------------------|--------------------------|------------------------------|-------------------------|---------------------------|
| Parameter Date Collected:                             | 06/15/95                     | 06/15/95                     | 06/22/95                      | 10/06/93                 | 06/13/95                     | 02/06/96                | 11/13/96                  |
| Volatile Organics                                     | 00/13/33                     | 00/13/33                     | 00/22/33                      | 10/00/33                 | 00/13/33                     | 02,00,00                | 1 1111000                 |
| 1,1,1,2-Tetrachloroethane                             | ND(0.0010)                   | ND(0.0010)                   | ND(0.0010)                    | ND(0.0060)               | ND(0.0010)                   | NR                      | ND(0.019)                 |
| 1,1,1-trichloro-2,2,2-trifluoroethane                 | NA NA                        | NA NA                        | NA                            | ND(0.0060)               | NA NA                        | NR                      | NA NA                     |
| 1,1,1-Trichloroethane                                 | ND(0.0010)                   | ND(0.0010)                   | ND(0.0010)                    | ND(0.0060)               | ND(0.0010)                   | NR                      | ND(0,019)                 |
| 1,1,2,2-Tetrachloroethane                             | ND(0.0010)                   | ND(0.0010)                   | ND(0.0010)                    | ND(0.012)                | ND(0.0010)                   | NR                      | ND(0.019)                 |
| 1,1,2-trichloro-1,2,2-trifluoroethane                 | NA                           | NA NA                        | NA                            | ND(0.0060)               | NA                           | NR                      | NA NA                     |
| 1,1,2-Trichloroethane                                 | ND(0.0010)                   | ND(0.0010)                   | ND(0.0010)                    | ND(0.0060)               | ND(0.0010)                   | NR                      | ND(0.019)                 |
| 1,1-Dichloroethane                                    | ND(0.0010)                   | ND(0.0010)                   | ND(0.0010)                    | ND(0.0060)               | ND(0.0010)                   | NR                      | ND(0.019)                 |
| 1,1-Dichloroethene                                    | ND(0.0010)                   | ND(0.0010)                   | ND(0.0010)                    | ND(0.0060)               | ND(0.0010)                   | NR                      | ND(0.019)                 |
| 1,2,3-Trichloropropane                                | ND(0.010)                    | ND(0.010)                    | ND(0.010)                     | ND(0.019)                | ND(0.010)                    | NR                      | ND(0.019)                 |
| 1,2-Dibromo-3-chloropropane                           | ND(0.0010)                   | ND(0.0010)                   | ND(0.0010)                    | ND(0.0060)               | ND(0.0010)                   | NR                      | ND(0.019)                 |
| 1,2-Dibromoethane                                     | ND(0.0010)                   | ND(0.0010)                   | ND(0.0010)                    | ND(0.0060)               | ND(0.0010)                   | NR                      | ND(0.019)                 |
| 1,2-Dichloroethane                                    | ND(0.0010)                   | ND(0.0010)                   | ND(0.0010)                    | ND(0.0060)               | ND(0.0010)                   | NR                      | ND(0.019)                 |
| 1,2-Dichloroethene (total)                            | NA                           | NA                           | NA                            | ND(0.0060)               | NA                           | NR                      | NA NA                     |
| 1,2-Dichloropropane                                   | ND(0.0010)                   | ND(0.0010)                   | ND(0.0010)                    | ND(0.0060)               | ND(0.0010)                   | NR                      | ND(0.019)                 |
| 1,4-Dioxane   | ND(0.020)                    | ND(0.020)                    | ND(0.020)                     | NA NA                    | ND(0.020)                    | NR                      | ND(3.8)                   |
| 2-Butanone  | ND(0.0010)                   | ND(0.0010)                   | ND(0.0010)                    | ND(0.012)                | ND(0.0010)                   | NR                      | ND(0.038)                 |
| 2-Chloro-1,3-butadiene                                | ND(0.0010)                   | ND(0.0010)                   | ND(0.0010)                    | NA NA                    | ND(0.0010)                   | NR NR                   | ND(0.038)                 |
| 2-Chloroethylvinylether                               | ND(0.0010)                   | ND(0.0010)                   | ND(0.0010)                    | ND(0.012)                | ND(0.0010)                   | NR NR                   | ND(0.038)                 |
| 2-Hexanone  | ND(0.010)                    | ND(0.010)                    | ND(0.010)                     | ND(0.019)                | ND(0.010)                    | NR NR                   | ND(0.038)                 |
| 3-Chloropropene                                       | ND(0.010)                    | ND(0.010)                    | ND(0.010)                     | ND(0.0060)               | ND(0.010)                    | NR                      | ND(0.019)                 |
| 4-Methyl-2-pentanone                                  | ND(0.0010)                   | ND(0.0010)                   | ND(0.0010)                    | ND(0.019)                | ND(0.0010)                   | NR                      | ND(0.038)                 |
| Acetone   | ND(0.020)                    | ND(0.020)                    | ND(0.020)                     | ND(0.012)                | ND(0.020)                    | 0.020                   | ND(0.038)                 |
| Acetonitrile  | ND(0.010)                    | ND(0.010)                    | ND(0.010)                     | NA NA                    | ND(0.010)                    | NR NR                   | ND(0.77)                  |
| Acrolein  | ND(0.0010)                   | ND(0.0010)                   | ND(0.0010)                    | ND(0.11)                 | ND(0.0010)                   | NR                      | ND(0.19)                  |
| Acrylonitrile Benzene                                 | ND(0.010)                    | ND(0.010)                    | ND(0.010)                     | ND(0.15)                 | ND(0.010)                    | NR NR                   | ND(0.19)                  |
| Bromodichloromethane                                  | ND(0.0010)<br>ND(0.0010)     | ND(0.0010)<br>ND(0.0010)     | ND(0.0010)<br>ND(0.0010)      | ND(0.0060)<br>ND(0.0060) | ND(0.0010)                   | NR<br>NR                | ND(0.019)<br>ND(0.019)    |
| Bromoform   | ND(0.0010)                   | ND(0.0010)                   | ND(0.0010)                    | ND(0.000)                | ND(0.0010)<br>ND(0.0010)     | NR<br>NR                | ND(0.019)                 |
| Bromomethane  | ND(0.0010)                   | ND(0.0010)                   | ND(0.0010)                    | ND(0.012)                | ND(0.0010)                   | NR<br>NR                | ND(0.019)                 |
| Carbon Disulfide                                      | ND(0.0010)                   | ND(0.0010)                   | ND(0.0010)                    | ND(0.0060)               | ND(0.0010)                   | NR NR                   | ND(0.019)                 |
| Carbon Tetrachloride                                  | ND(0.0010)                   | ND(0.0010)                   | ND(0.0010)                    | ND(0.0060)               | ND(0.0010)                   | NR NR                   | ND(0.019)                 |
| Chiorobenzene   | ND(0.0010)                   | ND(0.0010)                   | ND(0.0010)                    | ND(0.0060)               | ND(0.0010)                   | NR NR                   | ND(0.019)                 |
| Chloroethane  | ND(0.0010)                   | ND(0.0010)                   | ND(0.0010)                    | ND(0.012)                | ND(0.0010)                   | NR                      | ND(0.019)                 |
| Chloroform  | ND(0.0010)                   | ND(0.0010)                   | ND(0.0010)                    | ND(0.0060)               | ND(0.0010)                   | NR                      | ND(0.019)                 |
| Chloromethane   | ND(0.0010)                   | ND(0.0010)                   | ND(0.0010)                    | ND(0.012)                | ND(0.0010)                   | NR                      | ND(0.019)                 |
| cis-1,2-Dichloroethene                                | NA NA                        | NA NA                        | NA NA                         | NA NA                    | NA NA                        | NR                      | 0.0040 J                  |
| cis-1,3-Dichloropropene                               | ND(0.0010)                   | ND(0.0010)                   | ND(0.0010)                    | ND(0.0060)               | ND(0.0010)                   | NR                      | ND(0.019)                 |
| cis-1,4-Dichloro-2-butene                             | NA                           | NA                           | NA                            | ND(0.019)                | NA NA                        | NR                      | NA                        |
| Crotonaldehyde  | NA                           | NA                           | NA NA                         | ND(0.0060)               | NA                           | NR                      | NA                        |
| Dibromochloromethane                                  | ND(0.0010)                   | ND(0.0010)                   | ND(0.0010)                    | ND(0.0060)               | ND(0.0010)                   | NR                      | ND(0.019)                 |
| Dibromomethane  | ND(0.0010)                   | ND(0.0010)                   | ND(0.0010)                    | ND(0.012)                | ND(0.0010)                   | NR                      | ND(0.019)                 |
| Dichlorodifluoromethane                               | ND(0.0010)                   | ND(0.0010)                   | ND(0.0010)                    | NA NA                    | ND(0.0010)                   | NR                      | ND(0.019)                 |
| Ethyl Methacrylate                                    | ND(0.010)                    | ND(0.010)                    | ND(0.010)                     | ND(0.012)                | ND(0.010)                    | NR                      | ND(0.019)                 |
| Ethylbenzene  | ND(0.0010)                   | ND(0.0010)                   | 0.0070                        | ND(0.0060)               | ND(0.0010)                   | NR                      | ND(0.019)                 |
| lodomethane   | ND(0.010)                    | ND(0.010)                    | ND(0.010)                     | ND(0.012)                | ND(0.010)                    | NR                      | ND(0.019)                 |
| Isobutanol  | ND(0.0010)                   | ND(0.0010)                   | ND(0.0010)                    | NA NA                    | ND(0.0010)                   | NR                      | ND(1.5)                   |
| m&p-Xylene  | 0.012                        | 0.0010                       | 0.035                         | NA NA                    | ND(0.0010)                   | NR NR                   | NA NA                     |
| Methacrylonitrile                                     | ND(0.0010)                   | ND(0.0010)                   | ND(0.0010)                    | NA NA                    | ND(0.0010)                   | NR NR                   | ND(0.019)                 |
| Methyl Methacrylate                                   | ND(0.010)                    | ND(0.010)                    | ND(0.010)                     | NA .                     | ND(0.010)                    | NR .                    | ND(0.019)                 |
| Methylene Chloride                                    | ND(0.0010)                   | ND(0.0010)                   | ND(0.0010)                    | 0.022 B                  | ND(0.0010)                   | 0.0020 J                | ND(0.019)                 |
| Pentachioroethane                                     | NA<br>NO(0.000)              | NA<br>ND(0.000)              | NA<br>ND(0.000)               | NA<br>NA                 | NA<br>NEG 6063               | NR NR                   | NA NA                     |
| Propionitrile   | ND(0.020)                    | ND(0.020)                    | ND(0.020)                     | NA<br>NA                 | ND(0.020)                    | NR<br>NB                | ND(0.15)                  |
| Pyridine  | NA<br>NO(0.0010)             | NA<br>NEVO 00101             | NA<br>ND(0.0010)              | NA<br>ND(0.0060)         | NA<br>NA                     | NR NR                   | NA<br>ND(0.040)           |
| Styrene Totrophiano                                   | ND(0.0010)<br>ND(0.0010)     | ND(0.0010)<br>ND(0.0010)     | ND(0.0010)                    | ND(0.0060)               | ND(0.0010)                   | NR<br>ND                | ND(0.019)                 |
| Tetrachioroethene                                     |                              | 0.0020                       | ND(0.0010)<br>0.025           | ND(0.0060)               | ND(0.0010)                   | NR NB                   | ND(0.019)                 |
| Toluene   | 0.012                        |                              | £                             | ND(0.0060)               | ND(0.0010)                   | NR<br>NB                | ND(0.019)                 |
| trans-1,2-Dichloroethene<br>trans-1,3-Dichloropropene | ND(0.0010)                   | ND(0.0010)<br>ND(0.0010)     | ND(0.0010)<br>ND(0.0010)      | NA<br>ND(0.0060)         | ND(0.0010)                   | NR NR                   | ND(0.019)                 |
| trans-1,3-Dichloro-2-butene                           | ND(0.0010)<br>ND(0.0010)     | ND(0.0010)                   | ND(0.0010)                    | ND(0.0060)               | ND(0.0010)                   | NR NR                   | ND(0.019)                 |
| Trichloroethene                                       | ND(0.0010)                   | ND(0.0010)                   | ND(0.0010)                    | ND(0.0060)               | ND(0.0010)                   | NR<br>0.034             | ND(0.019)                 |
| Trichloroetnene Trichlorofluoromethane                | ND(0.0010)                   | ND(0.0010)<br>ND(0.0010)     | ND(0.0010)<br>ND(0.0010)      | ND(0.0060)               | ND(0.0010)                   | 0.024<br>MD             | 0.010 J                   |
| Vinyl Acetate   | ND(0.0010)                   | ND(0.0010)                   | ND(0.0010)                    | ND(0.0000)               | ND(0.0010)                   | NR NR                   | ND(0.019)                 |
| Y RIY MUCKIE  |                              |                              |                               |                          | ND(0.010)<br>ND(0.0010)      | NR NR                   | ND(0.038)                 |
| Vinyl Chloride  | ND(0.0010)                   | ND(0.0010)                   | ND(0.0010)                    | ND(0.012)                |                              | NR                      | ND(0.019)                 |

## PRE-DESIGN INVESTIGATION REPORT FOR THE NEWELL STREET AREA II REMOVAL ACTION GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

| Location ID:<br>Sample ID:<br>Sample Depth(Feet): | NS-21(B)<br>PN21B0406<br>4-6 | NS-22(B)<br>PN22B0608<br>6-8 | NS-23(B)<br>PN23B006<br>0-0.5 | NS-24<br>NS-24<br>0-0.5 | NS-24(B)<br>PN24B0002<br>0-2 | NS-33<br>NS-33<br>12-14 | NS-34<br>N34B0810<br>8-10              |
|---|------------------------------|------------------------------|-------------------------------|-------------------------|------------------------------|-------------------------|--|
| Parameter Date Collected:                         | 06/15/95                     | 06/15/95                     | 06/22/95                      | 10/06/93                | 06/13/95                     | 02/06/96                | 11/13/96                               |
| Semivolatile Organics                             |                              |                              | <u> </u>                      | <u> </u>                | <u></u>                      |                         | // // // // // // // // // // // // // |
| 1,2,3,4-Tetrachlorobenzene                        | NA                           | NA                           | NA                            | ND(0.80)                | NA                           | NA                      | NR                                     |
| 1,2,3,5-Tetrachiorobenzene                        | NA                           | NA                           | NA NA                         | ND(1.6)                 | NA NA                        | NA                      | NR                                     |
| 1,2,3-Trichlorobenzene                            | NA                           | NA NA                        | NA                            | ND(0.75)                | NA                           | NA                      | NR                                     |
| 1,2,4,5-Tetrachlorobenzene                        | ND(0.99)                     | ND(0.99)                     | ND(0.99)                      | ND(1.6)                 | 3.5                          | NA                      | NR                                     |
| 1,2,4-Trichlorobenzene                            | ND(0.33)                     | ND(0.33)                     | ND(0.33)                      | ND(0.69)                | 0.77                         | NA NA                   | 0,65 J                                 |
| 1,2-Dichlorobenzene                               | ND(0.66)                     | ND(0.66)                     | ND(0.66)                      | ND(0.74)                | ND(0.66)                     | NA<br>NA                | NR<br>NR                               |
| 1,2-Diphenylhydrazine                             | ND(3.0)                      | ND(3.0)                      | ND(3.0)                       | ND(0.86)<br>ND(0.76)    | ND(3.0)<br>NA                | NA<br>NA                | NR NR                                  |
| 1,3,5-Trichlorobenzene                            | NA<br>ND(3.0)                | NA<br>ND(3.0)                | NA<br>ND(3.0)                 | ND(0.76)<br>ND(1.1)     | ND(3.0)                      | NA<br>NA                | NR NR                                  |
| 1,3-Dichlorobenzene                               | ND(3.0)<br>ND(0.66)          | ND(0.66)                     | ND(0.66)                      | ND(0.64)                | ND(0.66)                     | NA NA                   | NR NR                                  |
| 1.3-Dichoroberizene                               | ND(0.99)                     | ND(0.99)                     | ND(0.99)                      | ND(0.70)                | ND(0.99)                     | NA NA                   | NR                                     |
| 1,4-Dichlorobenzene                               | ND(0.66)                     | ND(0.66)                     | ND(0.66)                      | ND(0.65)                | 2.6                          | NA                      | NR                                     |
| 1.4-Dinitrobenzene                                | NA NA                        | NA NA                        | NA NA                         | NA NA                   | NA                           | NA                      | NR                                     |
| 1,4-Naphthoquinone                                | ND(2.3)                      | ND(2.3)                      | ND(2.3)                       | ND(2.0)                 | ND(2.3)                      | NA                      | NR                                     |
| 1-Chloronaphthaiene                               | NA                           | NA NA                        | NA NA                         | ND(1.5)                 | NA                           | NA                      | NR                                     |
| 1-Methylnaphthalene                               | NA                           | NA                           | NA                            | ND(1.4)                 | NA                           | NA                      | NR                                     |
| 1-Naphthylamine                                   | ND(2.3)                      | ND(2.3)                      | ND(2.3)                       | ND(1.8)                 | ND(2.3)                      | NA                      | NR                                     |
| 2,3,4,6-Tetrachlorophenol                         | ND(2.3)                      | ND(2.3)                      | ND(2.3)                       | ND(1.8)                 | ND(2.3)                      | NA                      | NR                                     |
| 2,4,5-Trichlorophenol                             | ND(1.7)                      | ND(1.7)                      | ND(1.7)                       | ND(1.6)                 | ND(1.7)                      | NA NA                   | NR NR                                  |
| 2,4,6-Trichlorophenol                             | ND(1.7)                      | ND(1.7)                      | ND(1.7)                       | ND(1.6)                 | ND(1.7)                      | NA NA                   | NR NR                                  |
| 2,4-Dichlorophenol                                | ND(0.99)                     | ND(0.99)                     | ND(0.99)                      | ND(0.69)                | ND(0.99)                     | NA<br>NA                | NR<br>NR                               |
| 2,4-Dimethylphenol                                | ND(2.3)                      | ND(2.3)                      | ND(2.3)                       | ND(0.76)                | ND(2.3)<br>ND(5.0)           | NA<br>NA                | NR NR                                  |
| 2,4-Dinitrophenol                                 | ND(5.0)<br>ND(0.99)          | ND(5.0)<br>ND(0.99)          | ND(5.0)<br>ND(0.99)           | ND(2.1)<br>ND(0.82)     | ND(0.99)                     | NA NA                   | NR NR                                  |
| 2,4-Dinitrotoluene                                | ND(0.99)                     | ND(0.99)<br>ND(1.7)          | ND(0.99)<br>ND(1.7)           | ND(1.5)                 | ND(0.99)<br>ND(1.7)          | NA<br>NA                | NR NR                                  |
| 2.6-Dinitrotoluene                                | ND(0.66)                     | ND(0.66)                     | ND(0.66)                      | ND(0.94)                | ND(0.66)                     | NA<br>NA                | NR NR                                  |
| 2-Acetylaminofluorene                             | ND(0.66)                     | ND(0.66)                     | ND(0.66)                      | ND(0.89)                | ND(0.66)                     | NA NA                   | NR NR                                  |
| 2-Chloronaphthalene                               | ND(0.66)                     | ND(0.66)                     | ND(0.66)                      | ND(1.2)                 | ND(0.66)                     | NA NA                   | NR                                     |
| 2-Chlorophenol                                    | ND(0.66)                     | ND(0.66)                     | ND(0.66)                      | ND(0.79)                | ND(0.66)                     | NA                      | NR                                     |
| 2-Methylnaphthalene                               | ND(0.66)                     | ND(0.66)                     | ND(0.66)                      | ND(1.0)                 | ND(0.66)                     | NA                      | NR                                     |
| 2-Methylphenol                                    | ND(0.66)                     | ND(0.66)                     | ND(0.66)                      | ND(0.81)                | ND(0.66)                     | NA                      | NR                                     |
| 2-Naphthylamine                                   | ND(1.3)                      | ND(1.3)                      | ND(1.3)                       | ND(1.1)                 | ND(1.3)                      | NA                      | NR                                     |
| 2-Nitroaniline                                    | ND(2.0)                      | ND(2.0)                      | ND(2.0)                       | ND(1.4)                 | ND(2.0)                      | NA                      | NR                                     |
| 2-Nitrophenol                                     | ND(0.33)                     | ND(0.33)                     | ND(0.33)                      | ND(0.78)                | ND(0.33)                     | NA                      | NR                                     |
| 2-Phenylenediamine                                | NA NA                        | NA NA                        | NA NA                         | NA NA                   | NA NA                        | NA NA                   | NR NR                                  |
| 2-Picoline  | ND(3.0)                      | ND(3.0)                      | ND(3.0)                       | ND(1.5)                 | ND(3.0)                      | NA<br>NA                | NR<br>NR                               |
| 3&4-Methylphenol                                  | NA<br>ND(0.66)               | NA<br>ND(0.66)               | NA<br>ND(0.66)                | ND(1.6)<br>ND(0.62)     | NA<br>ND(0.66)               | NA<br>NA                | NR<br>NR                               |
| 3,3'-Dichlorobenzidine 3,3'-Dimethoxybenzidine    | NA NA                        | ND(0.00)<br>NA               | NA NA                         | ND(1.2)                 | ND(0.56)<br>NA               | NA<br>NA                | NR<br>NR                               |
| 3,3'-Dimetrioxydenzidine                          | ND(0.66)                     | ND(0.66)                     | ND(0.66)                      | ND(1.2)                 | ND(0.66)                     | NA NA                   | NR NR                                  |
| 3-Methylcholanthrene                              | ND(0.33)                     | ND(0.33)                     | ND(0.33)                      | ND(0.76)                | ND(0.33)                     | NA NA                   | NR NR                                  |
| 3-Methylphenol                                    | ND(0.66)                     | ND(0.66)                     | ND(0.66)                      | NA NA                   | ND(0.66)                     | NA.                     | NR                                     |
| 3-Nitroaniline                                    | ND(0.66)                     | ND(0.66)                     | ND(0.66)                      | ND(0.86)                | ND(0.66)                     | NA                      | NR                                     |
| 3-Phenylenediamine                                | NA NA                        | NA                           | NA                            | NA                      | NA                           | NA                      | NR                                     |
| 4,4'-Methylene-bis(2-chloroaniline)               | NA                           | NA                           | NA                            | ND(0.56)                | NA                           | NA                      | NR                                     |
| 4,6-Dinitro-2-methylphenol                        | ND(3.0)                      | ND(3.0)                      | ND(3.0)                       | ND(2.2)                 | ND(3.0)                      | NA                      | NR                                     |
| 4-Aminobiphenyl                                   | ND(0.66)                     | ND(0.66)                     | ND(0.66)                      | ND(0.51)                | ND(0.66)                     | NA                      | NR                                     |
| 4-Bromophenyl-phenylether                         | ND(0.99)                     | ND(0.99)                     | ND(0.99)                      | ND(0.94)                | ND(0.99)                     | NA                      | NR NR                                  |
| 4-Chloro-3-Methylphenol                           | ND(1.3)                      | ND(1.3)                      | ND(1.3)                       | ND(0.94)                | ND(1.3)                      | NA NA                   | NR NR                                  |
| 4-Chloroaniline                                   | ND(1.3)                      | ND(1.3)                      | ND(1.3)                       | ND(0.86)                | ND(1.3)                      | NA<br>NA                | NR<br>NB                               |
| 4-Chlorobenzilate                                 | ND(0.66)                     | ND(0.66)<br>ND(0.66)         | ND(0.66)                      | ND(0.89)                | ND(0.66)                     | NA<br>NA                | NR<br>NR                               |
| 4-Chlorophenyl-phenylether                        | ND(0.66)<br>ND(0.66)         | ND(0.66)                     | ND(0.66)<br>ND(0.66)          | ND(0.75)<br>NA          | ND(0.66)<br>ND(0.66)         | NA<br>NA                | NR NR                                  |
| 4-Methylphenol 4-Nitroaniline                     | ND(0.00)<br>ND(2.0)          | ND(0.66)<br>ND(2.0)          | ND(0.66)<br>ND(2.0)           | ND(1.4)                 | ND(0.00)                     | NA<br>NA                | NR NR                                  |
| 4-Nitrophenol                                     | ND(3.0)                      | ND(3.0)                      | ND(3.0)                       | ND(5.6)                 | ND(3.0)                      | NA NA                   | NR NR                                  |
| 4-Nitroquinoline-1-oxide                          | ND(5.0)                      | ND(5.0)                      | ND(5.0)                       | ND(6.0)                 | ND(5.0)                      | NA NA                   | NR                                     |
| 4-Phenylenediamine                                | ND(0.99)                     | ND(0.99)                     | ND(0.99)                      | NA NA                   | ND(0.99)                     | NA NA                   | NR                                     |
| 5-Nitro-o-toluidine                               | ND(2.0)                      | ND(2.0)                      | ND(2.0)                       | ND(1.2)                 | ND(2.0)                      | NA NA                   | NR                                     |
| 7,12-Dimethylbenz(a)anthracene                    | ND(0.66)                     | ND(0.66)                     | ND(0.66)                      | ND(0.51)                | ND(0.66)                     | NA                      | NR                                     |
| a,a'-Dimethylphenethylamine                       | ND(2.3)                      | ND(2.3)                      | ND(2.3)                       | NA NA                   | ND(2.3)                      | NA                      | NR                                     |
| Acenaphthene                                      | ND(0.66)                     | ND(0.66)                     | ND(0.66)                      | ND(0.82)                | ND(0.66)                     | NA                      | NR                                     |
| Acenaphthylene                                    | 1.1                          | ND(0.66)                     | ND(0.66)                      | 0.14 J                  | ND(0.66)                     | NA                      | NR                                     |
| Acetophenone                                      | ND(1.3)                      | ND(1.3)                      | ND(1.3)                       | ND(0.82)                | ND(1.3)                      | NA                      | 0.16 J                                 |

| Location ID:<br>Sample ID:<br>Sample Depth(Feet): | NS-21(B)<br>PN21B0406<br>4-6 | NS-22(B)<br>PN22B0608<br>6-8 | NS-23(B)<br>PN23B006<br>0-0.5 | NS-24<br>NS-24<br>0-0.5 | NS-24(B)<br>PN24B0002<br>0-2 | NS-33<br>NS-33<br>12-14 | NS-34<br>N34B0810<br>8-10 |
|---|------------------------------|------------------------------|-------------------------------|-------------------------|------------------------------|-------------------------|---------------------------|
| Parameter Date Collected:                         | 06/15/95                     | 06/15/95                     | 06/22/95                      | 10/06/93                | 06/13/95                     | 02/06/96                | 11/13/96                  |
| Semivolatile Organics(continued)                  |                              |                              |                               |                         |                              |                         |                           |
| Aniline   | ND(0.99)                     | ND(0.99)                     | ND(0.99)                      | ND(0.70)                | ND(0.99)                     | NA                      | NR                        |
| Anthracene  | 0.74                         | ND(0.66)                     | ND(0.66)                      | 0.093 J                 | ND(0.66)                     | NA                      | NR                        |
| Aramite   | ND(1.3)                      | ND(1.3)                      | ND(1.3)                       | ND(0.82)                | ND(1.3)                      | NA                      | NR                        |
| Benzal chloride                                   | NA                           | NA                           | NA NA                         | ND(0.66)                | NA                           | NA                      | NR NR                     |
| Benzidine   | ND(3.3)                      | ND(3.3)                      | ND(3.3)                       | ND(2.0)                 | ND(3.3)                      | NA                      | NR NR                     |
| Benzo(a)anthracene                                | 2.6                          | ND(0.66)                     | ND(0.66)                      | 0.52 J                  | 2.8                          | NA                      | NR                        |
| Benzo(a)pyrene                                    | 2.7                          | ND(0.66)                     | ND(0.66)                      | 0.50 J                  | 2.9                          | NA NA                   | NR                        |
| Benzo(b)fluoranthene                              | 3.0                          | ND(0.66)                     | ND(0.66)                      | 0.91 JZ                 | 4.5                          | NA NA                   | NR                        |
| Benzo(g,h,i)perylene Benzo(k)fluoranthene         | 0.84                         | ND(0.66)                     | ND(0.66)                      | 0.12 J                  | 1.2                          | NA NA                   | NR                        |
| Benzoic Acid                                      | 1.1<br>NA                    | ND(0.66)                     | ND(0.66)                      | 0.91 JZ                 | 1.6                          | NA                      | NR<br>NR                  |
| Benzotrichloride                                  | NA<br>NA                     | NA<br>NA                     | NA<br>NA                      | ND(2.4)                 | NA NA                        | NA<br>NA                | NR NR                     |
| Benzyl Alcohol                                    | ND(1.3)                      | ND(1.3)                      | NA<br>ND(1.3)                 | ND(0.78)<br>ND(0.69)    | NA<br>ND(1.3)                | NA<br>NA                | NR<br>NR                  |
| Benzyl Chloride                                   | NA NA                        | NA<br>NA                     | NA NA                         | ND(0.09)<br>ND(0.72)    | ND(1.3)                      | NA<br>NA                | NR NR                     |
| bis(2-Chloroethoxy)methane                        | ND(0.66)                     | ND(0.66)                     | ND(0.66)                      | ND(0.72)                | ND(0.66)                     | NA NA                   | NR NR                     |
| bis(2-Chloroethyl)ether                           | ND(0.66)                     | ND(0.66)                     | ND(0.66)                      | ND(0.74)                | ND(0.66)                     | NA NA                   | NR NR                     |
| bis(2-Chloroisopropyl)ether                       | ND(0.66)                     | ND(0.66)                     | ND(0.66)                      | ND(0.81)                | ND(0.66)                     | NA NA                   | NR NR                     |
| bis(2-Ethylhexyl)phthalate                        | ND(1.7)                      | ND(1.7)                      | ND(1.7)                       | ND(0.94)                | ND(0.00)                     | NA NA                   | 0.20 J                    |
| Butylbenzylphthalate                              | ND(0.66)                     | ND(0.66)                     | ND(0.66)                      | ND(0.85)                | ND(0.66)                     | NA NA                   | NR                        |
| Chrysene  | 2.7                          | ND(0.66)                     | ND(0.66)                      | 0.61 J                  | 2.8                          | NA NA                   | NR                        |
| Cyclophosphamide                                  | NA                           | NA                           | NA                            | ND(0.79)                | NA                           | NA                      | NR                        |
| Diallate  | ND(1.3)                      | ND(1.3)                      | ND(1.3)                       | ND(0.82)                | ND(1.3)                      | NA                      | NR                        |
| Dibenz(a,j)acridine                               | NA                           | NA                           | NA                            | ND(0.51)                | NA NA                        | NA                      | NR                        |
| Dibenzo(a,h)anthracene                            | ND(0.66)                     | ND(0.66)                     | ND(0.66)                      | ND(0.54)                | ND(0.66)                     | NA                      | . NR                      |
| Dibenzofuran                                      | ND(0.66)                     | ND(0.66)                     | ND(0.66)                      | ND(0.86)                | ND(0.66)                     | NA                      | NR                        |
| Diethylphthalate                                  | ND(0.99)                     | ND(0.99)                     | ND(0.99)                      | ND(0.90)                | ND(0.99)                     | NA                      | NR                        |
| Dimethylphthalate                                 | ND(0.66)                     | ND(0.66)                     | ND(0.66)                      | ND(1.2)                 | ND(0.66)                     | NA                      | NR                        |
| Di-n-Butylphthalate                               | ND(0.99)                     | 1.1                          | 1.4                           | 0.097 J                 | ND(0.99)                     | NA                      | 0.28 J                    |
| Di-n-Octylphthalate                               | ND(1.3)                      | ND(1.3)                      | ND(1.3)                       | ND(0.60)                | ND(1.3)                      | NA                      | NR                        |
| Dinoseb   | NA                           | NA                           | NA NA                         | NA NA                   | NA NA                        | NA                      | NR                        |
| Diphenylamine                                     | ND(2.0)                      | ND(2.0)                      | ND(2.0)                       | ND(1.8)                 | ND(2.0)                      | NA NA                   | NR NR                     |
| Ethyl Methanesulfonate                            | ND(1.3)                      | ND(1.3)                      | ND(1.3)                       | ND(0.75)                | ND(1.3)                      | NA NA                   | NR                        |
| Fluoranthene                                      | 2.7                          | ND(1.3)                      | ND(1.3)                       | 0.76 J                  | 3.1                          | NA NA                   | NR NR                     |
| Fluorene  | ND(0.66)                     | ND(0.66)                     | ND(0.66)                      | 0.062 J                 | ND(0.66)                     | NA NA                   | NR NR                     |
| Hexachlorobenzene Hexachlorobutadiene             | ND(0.99)<br>ND(0.33)         | ND(0.99)<br>ND(0.33)         | ND(0.99)<br>ND(0.33)          | ND(0.96)<br>ND(0.70)    | ND(0.99)                     | NA NA                   | NR NR                     |
| Hexachlorocyclopentadiene                         | ND(1.7)                      | ND(0.33)<br>ND(1.7)          | ND(0.33)                      | <del></del>             | ND(0.33)                     | NA<br>NA                | NR<br>NR                  |
| Hexachloroethane                                  | ND(0.66)                     | ND(0.66)                     | ND(0.66)                      | ND(0.82)<br>ND(0.75)    | ND(1.7)<br>ND(0.66)          | NA<br>NA                | NR NR                     |
| Hexachlorophene                                   | ND(1.3)                      | ND(1.3)                      | ND(1.3)                       | NA<br>NA                | ND(1.3)                      | NA NA                   | NR NR                     |
| Hexachloropropene                                 | ND(1.7)                      | ND(1.7)                      | ND(1.7)                       | ND(0.71)                | ND(1.7)                      | NA NA                   | NR NR                     |
| Indeno(1,2,3-cd)pyrene                            | 0.67                         | ND(0.66)                     | ND(0.66)                      | 0.20 J                  | 1.1                          | NA NA                   | NR NR                     |
| Isodrin   | ND(0.99)                     | ND(0.99)                     | ND(0.99)                      | ND(1.2)                 | ND(0.99)                     | NA NA                   | NR NR                     |
| Isophorone  | ND(0.66)                     | ND(0.66)                     | ND(0.66)                      | ND(0.85)                | ND(0.66)                     | NA NA                   | NR                        |
| Isosafrole  | ND(0.66)                     | ND(0.66)                     | ND(0.66)                      | ND(1.6)                 | ND(0.66)                     | NA                      | NR NR                     |
| Methapyrilene                                     | ND(2.0)                      | ND(2.0)                      | ND(2.0)                       | ND(1.6)                 | ND(2.0)                      | NA                      | NR                        |
| Methyl Methanesulfonate                           | ND(1.3)                      | ND(1.3)                      | ND(1.3)                       | ND(0.88)                | ND(1.3)                      | NA                      | NR                        |
| Naphthalene                                       | ND(0.33)                     | ND(0.33)                     | ND(0.33)                      | 0.057 J                 | ND(0.33)                     | NA                      | NR                        |
| Nitrobenzene                                      | ND(1.3)                      | ND(1.3)                      | ND(1.3)                       | ND(0.85)                | ND(1.3)                      | NA                      | NR                        |
| N-Nitrosodiethylamine                             | ND(0.99)                     | ND(0.99)                     | ND(0.99)                      | ND(0.75)                | ND(0.99)                     | NA                      | NR                        |
| N-Nitrosodimethylamine                            | ND(0.99)                     | ND(0.99)                     | ND(0.99)                      | ND(0.82)                | ND(0.99)                     | NA                      | NR                        |
| N-Nitroso-di-n-butylamine                         | ND(0.66)                     | ND(0.66)                     | ND(0.66)                      | ND(1.8)                 | ND(0.66)                     | NA                      | NR                        |
| N-Nitroso-di-n-propytamine                        | ND(1.3)                      | ND(1.3)                      | ND(1.3)                       | ND(0.76)                | ND(1.3)                      | NA                      | NR                        |
| N-Nitrosodiphenylamine                            | ND(2.0)                      | ND(2.0)                      | ND(2.0)                       | ND(1.8)                 | ND(2.0)                      | NA                      | NR                        |
| N-Nitrosomethylethylamine                         | ND(0.99)                     | ND(0.99)                     | ND(0.99)                      | ND(0.68)                | ND(0.99)                     | NA                      | NR                        |
| N-Nitrosomorpholine                               | ND(0.66)                     | ND(0.66)                     | ND(0.66)                      | ND(0.94)                | ND(0.66)                     | NA                      | NR                        |
| N-Nitrosopiperidine                               | ND(0.66)                     | ND(0.66)                     | ND(0.66)                      | ND(0.92)                | ND(0.66)                     | NA                      | NR                        |
| N-Nitrosopyrrolidine                              | ND(0.99)                     | ND(0.99)                     | ND(0.99)                      | ND(0.66)                | ND(0.99)                     | NA                      | NR                        |
| o,o,o-Triethylphosphorothioate                    | ND(7.3)                      | ND(7.3)                      | ND(7.3)                       | ND(6.6)                 | ND(7.3)                      | NA                      | NR                        |
| o-Toluidine                                       | ND(1.7)                      | ND(1.7)                      | ND(1.7)                       | ND(2.5)                 | ND(1.7)                      | NA                      | NR                        |
| Paraldehyde                                       | NA NA                        | NA NA                        | NA NA                         | ND(0.45)                | NA NA                        | NA                      | NR                        |
| p-Dimethylaminoazobenzene                         | ND(0.66)                     | ND(0.66)                     | ND(0.66)                      | ND(0.84)                | ND(0.66)                     | NA NA                   | NR NR                     |
| Pentachiorobenzene                                | ND(0.66)                     | ND(0.66)                     | ND(0.66)                      | ND(0.82)                | ND(0.66)                     | NA NA                   | NR NR                     |
| Pentachioroethane                                 | ND(0.0010)                   | ND(0.0010)                   | ND(0.0010)                    | ND(1.0)                 | ND(0.0010)                   | NA NA                   | NR NR                     |
| Pentachloronitrobenzene                           | ND(0.99)                     | ND(0.99)                     | ND(0.99)                      | ND(0.80)                | ND(0.99)                     | NA NA                   | NR                        |

| Location ID<br>Sample ID<br>Sample Depth(Feet) | PN21B0406<br>4-6 | NS-22(B)<br>PN22B0608<br>6-8 | NS-23(B)<br>PN23B006<br>0-0.5 | NS-24<br>NS-24<br>0-0.5 | NS-24(B)<br>PN24B0002<br>0-2<br>06/13/95 | NS-33<br>NS-33<br>12-14<br>02/06/96 | NS-34<br>N34B0810<br>8-10<br>11/13/96 |
|--|------------------|------------------------------|-------------------------------|-------------------------|--|-------------------------------------|---------------------------------------|
| Parameter Date Collected                       | 06/15/95         | 06/15/95                     | 06/22/95                      | 10/06/93                | 06/13/95                                 | 02/06/90                            | 11/13/90                              |
| Semivolatile Organics(continued)               | ND(3.6)          | ND(3.6)                      | ND(3.6)                       | ND(1.8)                 | ND(3.6)                                  | NΑ                                  | NR                                    |
| Pentachiorophenol Phenacetin                   | ND(3.6)          | ND(3.6)<br>ND(1.3)           | ND(3.0)                       | ND(0.76)                | ND(3.8)                                  | NA NA                               | NR NR                                 |
| Phenacetin<br>Phenanthrene                     | 1.9              | ND(0.99)                     | ND(0.99)                      | 0.65 J                  | 1.9                                      | NA NA                               | NR NR                                 |
| Phenol   | ND(0.99)         | ND(0.99)                     | ND(0.99)                      | 0.05 J                  | ND(0.99)                                 | NA NA                               | NR NR                                 |
| Pronamide                                      | ND(0.99)         | ND(0.99)                     | ND(0.99)                      | ND(0.81)                | ND(0.99)                                 | NA NA                               | NR NR                                 |
| Pyrene   | 4.9              | ND(0.66)                     | 0.92                          | 0.89 J                  | 3.1                                      | NA NA                               | NR NR                                 |
| Pyridine                                       | ND(0.0010)       | ND(0.0010)                   | ND(0.0010)                    | ND(0.69)                | ND(0.0010)                               | NA NA                               | NR NR                                 |
| Safrole  | ND(0.33)         | ND(0.33)                     | ND(0.33)                      | ND(0.72)                | ND(0.33)                                 | NA                                  | NR                                    |
| Thionazin                                      | ND(3.0)          | ND(3.0)                      | ND(3.0)                       | ND(0.84)                | ND(3.0)                                  | NA                                  | NR                                    |
| Organochlorine Pesticides                      | 1 112(0.0)       | 1.2(0.0)                     | (0.0)                         | 1 (0.0.1)               | ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,  |                                     |                                       |
| 4.4'-DDD                                       | l NA             | NA                           | NA                            | NA NA                   | NA                                       | NA                                  | NA NA                                 |
| 4.4'-DDE                                       | NA NA            | NA NA                        | NA NA                         | NA NA                   | NA NA                                    | NA NA                               | NA NA                                 |
| 4.4'-DDT                                       | NA NA            | NA NA                        | NA NA                         | NA NA                   | NA NA                                    | NA                                  | NA NA                                 |
| Aldrin   | + NA             | NA NA                        | NA NA                         | NA NA                   | NA NA                                    | NA NA                               | NA NA                                 |
| Alpha-BHC                                      | NA NA            | NA NA                        | NA NA                         | NA NA                   | NA NA                                    | NA NA                               | NA NA                                 |
| Beta-BHC                                       | NA NA            | NA NA                        | NA NA                         | NA I                    | NA NA                                    | NA NA                               | NA NA                                 |
| Delta-BHC                                      | NA NA            | NA NA                        | NA NA                         | NA NA                   | NA NA                                    | NA NA                               | NA NA                                 |
| Dieldrin                                       | NA NA            | NA NA                        | NA                            | NA I                    | NA                                       | NA.                                 | NA NA                                 |
| Endosulfan I                                   | NA NA            | NA NA                        | NA NA                         | NA NA                   | NA NA                                    | NA NA                               | NA NA                                 |
| Endosulfan II                                  | NA.              | NA NA                        | NA                            | NA NA                   | NA                                       | NA                                  | NA                                    |
| Endosulfan Sulfate                             | NA.              | NA NA                        | NA                            | NA                      | NA                                       | NA                                  | NA                                    |
| Endrin   | NA NA            | NA                           | NA                            | NA NA                   | NA                                       | NA                                  | NA                                    |
| Endrin Aldehyde                                | NA.              | NA NA                        | NA                            | NA NA                   | NA                                       | NA                                  | NA                                    |
| Gamma-BHC (Lindane)                            | NA               | NA                           | NA.                           | NA NA                   | NA                                       | NA .                                | NA                                    |
| Heptachlor                                     | NA               | NA                           | NA                            | NA NA                   | NA                                       | NA                                  | NA                                    |
| Heptachlor Epoxide                             | NA NA            | NA                           | NA                            | NA NA                   | NA                                       | NA                                  | NA                                    |
| Kepone   | NA NA            | NA                           | NA                            | NA NA                   | NA I                                     | NA                                  | NA                                    |
| Methoxychlor                                   | NA NA            | NA NA                        | NA                            | NA NA                   | NA                                       | NA                                  | NA NA                                 |
| Technical Chlordane                            | NA NA            | NA                           | NA                            | NA                      | NA NA                                    | NA                                  | NA                                    |
| Toxaphene                                      | NA NA            | NA                           | NA                            | NA                      | NA NA                                    | NA                                  | NA                                    |
| Organophosphate Pesticides                     | ···              | <u> </u>                     |                               |                         |  |                                     |                                       |
| Dimethoate                                     | NA NA            | NA NA                        | NA                            | ND(0.0042)              | NA I                                     | NA                                  | NA NA                                 |
| Disulfoton                                     | NA NA            | NA                           | NA                            | ND(0.0042)              | NA                                       | NA                                  | NA                                    |
| Ethyl Parathion                                | NA NA            | NA                           | NA                            | ND(0.0042)              | NA                                       | NA                                  | NA                                    |
| Famphur  | NA NA            | NA                           | NA                            | ND(2.5)                 | NA NA                                    | NA                                  | NA NA                                 |
| Methyl Parathion                               | NA NA            | NA                           | NA                            | ND(0.0042)              | NA                                       | NA                                  | NA NA                                 |
| Phorate  | NA               | NA                           | NA                            | ND(0.0042)              | NA                                       | NA                                  | NA NA                                 |
| Sulfotep                                       | NA NA            | NA                           | NA                            | ND(0.0042)              | NA                                       | NA                                  | NA                                    |
| Herbicides                                     |                  |                              |                               |                         |  |                                     |                                       |
| 2,4,5-T  | NA               | NA                           | NA                            | ND(0.16)                | NA                                       | NA                                  | NA                                    |
| 2,4,5-TP                                       | NA .             | NA                           | NA                            | ND(0.16)                | NA                                       | NA                                  | NA                                    |
| 2,4-D  | NA               | NA                           | NA                            | ND(0.62)                | NA                                       | NA                                  | NA                                    |
| Dinoseb  | NA NA            | NA                           | NA                            | NA                      | NA                                       | NA                                  | NA NA                                 |
| Furans   |                  |                              |                               |                         |  |                                     |                                       |
| 2,3,7,8-TCDF                                   | 0.000043         | ND(0.0000039)                | 0.000078                      | ND(0.000099)            | 0.0036                                   | NA                                  | 0.00016 Y                             |
| TCDFs (total)                                  | 0.00040          | ND(0.0000039)                | 0.00086                       | ND(0.00010)             | 0.018                                    | NA                                  | 0.0012                                |
| 1,2,3,7,8-PeCDF                                | 0.000040         | ND(0.0000050)                | 0.000039                      | ND(0:00015)             | 0.0027                                   | NA                                  | 0.000096                              |
| 2,3,4,7,8-PeCDF                                | 0.000087         | ND(0.0000050)                | 0.000055                      | ND(0.00016)             | 0.0035                                   | NA                                  | 0.00014                               |
| PeCDFs (total)                                 | 0.0024           | ND(0.0000050)                | 0.0014                        | ND(0.00016)             | 0.020                                    | NA                                  | 0.0013                                |
| 1,2,3,4,7,8-HxCDF                              | 0.00042          | ND(0.0000024)                | 0.000044                      | ND(0.00018)             | 0.0064                                   | NA                                  | 0.00053                               |
| 1,2,3,6,7,8-HxCDF                              | 0.000036         | ND(0.0000021)                | 0.000026                      | ND(0.00014)             | 0.0021                                   | NA                                  | 0.00020                               |
| 1,2,3,7,8,9-HxCDF                              | ND(0.0000032)    | ND(0.0000029)                | 0.000015                      | ND(0.00034)             | 0.00012                                  | NA                                  | 0.000018                              |
| 2,3,4,6,7,8-HxCDF                              | 0.000087         | ND(0.0000024)                | 0.000053                      | ND(0.00026)             | 0.00060                                  | NA                                  | 0.00013 X                             |
| HxCDFs (total)                                 | 0.0024           | ND(0.0000029)                | 0.0013                        | ND(0.00034)             | 0.015                                    | NA                                  | 0.0015                                |
| 1,2,3,4,6,7,8-HpCDF                            | 0.00014          | ND(0.0000035)                | 0.00011                       | ND(0.00027)             | 0.0035                                   | NA                                  | 0.00029                               |
| 1,2,3,4,7,8,9-HpCDF                            | 0.000016         | ND(0.0000044)                | 0.000013                      | ND(0.00029)             | 0.00084                                  | NA                                  | 0.00015                               |
| HpCDFs (total)                                 | 0.00061          | ND(0.0000044)                | 0.00033                       | ND(0.00029)             | 0.0054                                   | NA                                  | 0.00063                               |
| OCDF   | 0.000066         | ND(0.0000081)                | 0.000093                      | ND(0.00054)             | 0.0026                                   | NA                                  | 0.00023                               |
|  |                  |                              |                               |                         |  |                                     |                                       |

|                | Location ID:<br>Sample ID:              | NS-21(B)<br>PN21B0406 | NS-22(B)<br>PN22B0608 | NS-23(B)<br>PN23B006 | NS-24<br>NS-24 | NS-24(B)<br>PN24B0002 | NS-33<br>NS-33 | NS-34            |
|----------------|---|-----------------------|-----------------------|----------------------|----------------|-----------------------|----------------|------------------|
|                | Sample Depth(Feet):                     | 4-6                   | 6-8                   | 0-0.5                | 0-0.5          | 0-2                   | 12-14          | N34B0810         |
| Parameter      | Date Collected:                         | 06/15/95              | 06/15/95              | 06/22/95             | 10/06/93       | 06/13/95              | 02/06/96       | 8-10<br>11/13/96 |
| Dioxins        |   |                       |                       |                      | 10/00/00       | 00/10/30              | 02100/30       | 1 1713/30        |
| 2,3,7,8-TCDE   | )                                       | ND(0.0000074)         | ND(0.0000030)         | ND(0.0000027)        | ND(0.00011)    | ND(0.000010)          | NA             | ND(0.00000084)   |
| TCDDs (total   | )                                       | ND(0.0000074)         | ND(0.0000030)         | 0.0000081            | ND(0.00011)    | 0.00016               | NA NA          | 0.000014         |
| 1,2,3,7,8-PeC  | DD                                      | ND(0.0000045)         | ND(0.0000085)         | ND(0.0000044)        | ND(0.00020)    | ND(0.000038) I        | NA NA          | ND(0.0000024)    |
| PeCDDs (total  | al)                                     | ND(0.0000045)         | ND(0.0000085)         | ND(0.0000044)        | ND(0.00020)    | ND(0.00013) I         | NA             | ND(0,000011)     |
| 1,2,3,4,7,8-H  |   | ND(0.000013)          | ND(0.0000057)         | ND(0.0000021)        | ND(0.00032)    | 0.000024              | NA             | ND(0.0000025)    |
| 1,2,3,6,7,8-H  |   | ND(0.000011)          | ND(0.0000050)         | ND(0.0000038) I      | ND(0.00016)    | 0.000051              | NA             | ND(0.0000046)    |
| 1,2,3,7,8,9-H  |   | ND(0.000011)          | ND(0.0000051)         | ND(0.0000026) I      | ND(0.00027)    | 0.000017              | NA             | 0.0000070 J      |
| HxCDDs (tota   |   | ND(0.000013)          | ND(0.0000057)         | 0.000036             | ND(0.00032)    | 0.00038               | NA             | 0.000052         |
| 1,2,3,4,6,7,8- |   | 0.000018              | ND(0.0000062)         | 0.000054             | ND(0.00033)    | 0.00032               | NA             | 0.000026         |
| HpCDDs (total  | al)                                     | 0.000036              | ND(0.0000062)         | 0.00010              | ND(0.00033)    | 0.00075               | NA NA          | 0.000052         |
| OCDD           |   | 0.00010               | ND(0.0000072)         | 0.00038              | ND(0.00043)    | 0.00043               | NA             | 0.000058         |
| Total TEQs (\  | WHO TEFs)                               | 0.00011               | 0.0000087             | 0.000057             | 0.00029        | 0.0032                | NA             | 0.00019          |
| Inorganics     |   |                       |                       |                      |                | <u> </u>              |                | <u> </u>         |
| Aluminum       |   | NA NA                 | NA                    | NA                   | 12100 E        | NA I                  | NA             | NA NA            |
| Antimony       |   | 1.67                  | 0.615                 | 1.22                 | ND(8.70)       | 125                   | NA             | 8.80 BN          |
| Arsenic        |   | 4.08                  | 5.52                  | 5.71                 | 14.2           | 26.4                  | NA             | 12.1             |
| Barium         |   | 76.2                  | 7.51                  | 80.8                 | 118            | 582                   | NA             | 243              |
| Beryllium      |   | 0.206                 | 0.331                 | 0.170                | ND(1.10)       | 0.454                 | NA             | 1,40 B           |
| Cadmium        |   | 1.70                  | 2.45                  | 1.90                 | ND(1.20)       | 18.4                  | ·NA            | ND(0.800)        |
| Calcium        |   | NA                    | NA                    | NA                   | 12500 E        | NA                    | NA             | NA NA            |
| Chromium       |   | 12.5                  | 7.23                  | 10.4                 | 17.0           | 214                   | NA             | 40.5             |
| Cobalt         |   | 9.36                  | 10.4                  | 6.80                 | 7.80 B         | 25.0                  | NA             | 36.1             |
| Copper         |   | 251                   | 17.3                  | 48.5                 | 75.8           | 10900                 | NA             | 192 N*           |
| Cyanide        |   | 5.80                  | ND(4.00)              | ND(4.00)             | . NA           | ND(4.00)              | NA             | ND(9.50)         |
| Iron           |   | NA                    | NA                    | NA                   | 24900          | NA NA                 | NA             | NA NA            |
| Lead           |   | 211                   | 7.23                  | 168                  | 200            | 12000                 | NA             | 46.5 E*          |
| Magnesium      |   | NA.                   | NA                    | NA                   | 6250 E         | NA                    | NA             | NA NA            |
| Manganese      |   | NA :                  | NA                    | NA                   | 354 E          | NA                    | NA             | NA NA            |
| Mercury        | *************************************** | ND(0.167)             | ND(0.167)             | ND(0.167)            | - 0.680        | 2.20                  | NA             | 0.150 B          |
| Nickel         |   | 13.5                  | 13.6                  | 13.7                 | 25.9           | 133                   | NA             | 53.6             |
| Potassium      |   | NA                    | NA                    | NA                   | 583 B          | NA                    | NA             | NA NA            |
| Selenium       |   | 0.749                 | 1.45                  | 1.05                 | 4.70 A         | 4.12                  | NA             | 2.60             |
| Silver         |   | ND(0.0430)            | ND(0.0430)            | ND(0.0430)           | ND(1.30)       | 23.0                  | NA             | 1.80 B           |
| Sodium         |   | NA                    | NA                    | NA                   | 105 B          | NA                    | NA             | NA NA            |
| Sulfide        |   | ND(200)               | ND(200)               | ND(10.0)             | NA             | ND(200)               | NA             | ND(758)          |
| Thallium       |   | ND(0.136)             | ND(0.136)             | ND(0.136)            | ND(1.20) W     | 1.02                  | NA             | ND(1.70)         |
| Tin            |   | 30.2                  | 7.28                  | 15.6                 | 32.1           | 1220                  | NA             | ND(4.90)         |
| Vanadium       |   | 8.94                  | 9.40                  | 13.8                 | 31.0           | 26.1                  | NA             | 46.5             |
| Zinc           |   | 134                   | 45.1                  | 186                  | 289            | 3020                  | NA             | 407 E            |
| Conventiona    |   |                       |                       |                      |                |                       |                |                  |
| Total Phenols  |   | NA                    | NA                    | NA                   | NA             | NA                    | NA             | NA NA            |

## PRE-DESIGN INVESTIGATION REPORT FOR THE NEWELL STREET AREA II REMOVAL ACTION GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

| Location ID:<br>Sample ID:                    | NS-35<br>N35B0608        | NS-36<br>N36B1012        | NS-37<br>N37B1012        | RAA13-2<br>RAA13-2      | RAA13-3<br>RAA13-3                               | RAA13-3<br>RAA13-3<br>3-6 |
|---|--------------------------|--------------------------|--------------------------|-------------------------|--|---------------------------|
| Sample Depth(Feet): Parameter Date Collected: | 6-8<br>11/12/96          | 10-12<br>11/14/96        | 10-12<br>11/15/96        | 1-3<br>05/02/01         | 0-1<br>05/02/01                                  | 05/02/01                  |
| Volatile Organics                             | 17/12/30                 | 11/14/30                 | 11/13/30                 | 05/02/01                | 03,02.01   | 03/02/01                  |
| 1.1.1.2-Tetrachloroethane                     | ND(0.0060)               | ND(0.0060)               | ND(0.0070)               | ND(0.0062)              | ND(0.0070) [ND(0.0070)]                          | l NA                      |
| 1,1,1-trichloro-2,2,2-trifluoroethane         | NA NA                    | NA NA                    | NA NA                    | NA NA                   | NA   | NA NA                     |
| 1.1.1-Trichloroethane                         | ND(0.0060)               | ND(0.0060)               | ND(0.0070)               | ND(0.0062)              | ND(0.0070) [ND(0.0070)]                          | NA NA                     |
| 1.1.2.2-Tetrachioroethane                     | ND(0.0060)               | ND(0.0060)               | ND(0.0070)               | ND(0.0062)              | ND(0.0070) [ND(0.0070)]                          | NA NA                     |
| 1,1,2-trichloro-1,2,2-trifluoroethane         | NA                       | NA NA                    | NA                       | NA                      | NA NA  | NA                        |
| 1,1,2-Trichloroethane                         | ND(0.0060)               | ND(0.0060)               | ND(0.0070)               | ND(0.0062)              | ND(0.0070) [ND(0.0070)]                          | NA                        |
| 1,1-Dichloroethane                            | ND(0.0060)               | ND(0.0060)               | ND(0.0070)               | ND(0.0062)              | ND(0.0070) [ND(0.0070)]                          | NA                        |
| 1,1-Dichloroethene                            | ND(0.0060)               | ND(0.0060)               | ND(0.0070)               | ND(0.0062)              | ND(0.0070) [ND(0.0070)]                          | NA                        |
| 1,2,3-Trichloropropane                        | ND(0.0060)               | ND(0.0060)               | ND(0.0070)               | ND(0.0062)              | ND(0.0070) [ND(0.0070)]                          | NA                        |
| 1,2-Dibromo-3-chloropropane                   | ND(0.0060)               | ND(0.0060)               | ND(0.0070)               | ND(0.0062)              | ND(0.0070) [ND(0.0070)]                          | NA                        |
| 1,2-Dibromoethane                             | ND(0.0060)               | ND(0.0060)               | ND(0.0070)               | ND(0.0062)              | ND(0.0070) [ND(0.0070)]                          | NA                        |
| 1,2-Dichloroethane                            | ND(0.0060)               | ND(0.0060)               | ND(0.0070)               | ND(0.0062)              | ND(0.0070) [ND(0.0070)]                          | NA                        |
| 1,2-Dichloroethene (total)                    | NA                       | NA                       | NA.                      | NA NA                   | NA NA  | NA                        |
| 1,2-Dichloropropane                           | ND(0.0060)               | ND(0.0060)               | ND(0.0070)               | ND(0.0062)              | ND(0.0070) [ND(0.0070)]                          | NA                        |
| 1,4-Dioxane                                   | ND(1.1)                  | ND(1.3)                  | ND(1.3)                  | ND(0.20)                | ND(0.20) [ND(0.20)]                              | NA NA                     |
| 2-Butanone                                    | ND(0.011)                | ND(0.013)                | ND(0.013)                | ND(0.10)                | ND(0.10) [ND(0.10)]                              | NA NA                     |
| 2-Chloro-1,3-butadiene                        | ND(0.011)                | ND(0.013)                | ND(0.013)                | ND(0.0062)              | ND(0.0070) [ND(0.0070)]                          | NA NA                     |
| 2-Chloroethylvinylether                       | ND(0.011)                | ND(0.013)                | ND(0.013)                | ND(0.0062)              | ND(0.0070) [ND(0.0070)]                          | NA<br>NA                  |
| 2-Hexanone                                    | ND(0.011)                | ND(0.013)                | ND(0.013)                | ND(0.012)               | ND(0.014) [ND(0.014)]                            | NA<br>NA                  |
| 3-Chloropropene                               | ND(0.0060)<br>ND(0.011)  | ND(0.0060)<br>ND(0.013)  | ND(0.0070)<br>ND(0.013)  | ND(0.012)<br>ND(0.012)  | ND(0.014) [ND(0.014)]<br>ND(0.014) [ND(0.014)]   | NA<br>NA                  |
| 4-Methyl-2-pentanone                          | ND(0.011)<br>ND(0.011)   | ND(0.013)                | ND(0.013)                | ND(0.012)<br>ND(0.10)   | ND(0.014) [ND(0.014)]<br>ND(0.10) [ND(0.10)]     | NA NA                     |
| Acetone<br>Acetonitrile                       | ND(0.011)                | ND(0.013)                | ND(0.013)                | ND(0.10)<br>ND(0.12)    | ND(0.10) [ND(0.10)]<br>ND(0.14) [ND(0.14)]       | NA NA                     |
| Acrolein                                      | ND(0.23)                 | ND(0.26)                 | ND(0.067)                | ND(0.12)                | ND(0.14) [ND(0.14)]<br>ND(0.14) [ND(0.14)]       | NA NA                     |
| Acrylonitrile                                 | ND(0.057)                | ND(0.065)                | ND(0.067)                | ND(0.12)                | ND(0.014) [ND(0.014)]                            | NA NA                     |
| Benzene                                       | ND(0.0060)               | ND(0.0060)               | ND(0.0070)               | ND(0.0062)              | ND(0.0070) [ND(0.0070)]                          | NA NA                     |
| Bromodichloromethane                          | ND(0.0060)               | ND(0.0060)               | ND(0.0070)               | ND(0.0062)              | ND(0.0070) [ND(0.0070)]                          | NA NA                     |
| Bromoform                                     | ND(0.0060)               | ND(0.0060)               | ND(0.0070)               | ND(0.0062)              | ND(0.0070) [ND(0.0070)]                          | NA NA                     |
| Bromomethane                                  | ND(0.0060)               | ND(0.0060)               | ND(0.0070)               | ND(0.012)               | ND(0.014) [ND(0.014)]                            | NA.                       |
| Carbon Disulfide                              | ND(0.0060)               | ND(0.0060)               | ND(0.0070)               | ND(0.010)               | ND(0.010) [ND(0.010)]                            | NA                        |
| Carbon Tetrachloride                          | ND(0.0060)               | ND(0.0060)               | ND(0.0070)               | ND(0.0062)              | ND(0.0070) [ND(0.0070)]                          | NA.                       |
| Chlorobenzene                                 | ND(0.0060)               | ND(0.0060)               | ND(0.0070)               | ND(0.0062)              | ND(0.0070) [ND(0.0070)]                          | NA                        |
| Chloroethane                                  | ND(0.0060)               | ND(0.0060)               | ND(0.0070)               | ND(0.012)               | ND(0.014) [ND(0.014)]                            | NA                        |
| Chloroform                                    | ND(0.0060)               | ND(0.0060)               | ND(0.0070)               | ND(0.0062)              | ND(0.0070) [ND(0.0070)]                          | NA                        |
| Chloromethane                                 | ND(0.0060)               | ND(0.0060)               | ND(0.0070)               | ND(0.012)               | ND(0.014) [ND(0.014)]                            | NA                        |
| cis-1,2-Dichloroethene                        | ND(0.0060)               | ND(0.0060)               | ND(0.0070)               | NA NA                   | NA NA  | NA                        |
| cis-1,3-Dichloropropene                       | ND(0.0060)               | ND(0.0060)               | ND(0.0070)               | ND(0.0062)              | ND(0.0070) [ND(0.0070)]                          | NA                        |
| cis-1,4-Dichloro-2-butene                     | NA                       | NA                       | NA                       | NA                      | NA   | NA                        |
| Crotonaldehyde                                | NA                       | NA                       | NA                       | NA                      | NA   | NA                        |
| Dibromochloromethane                          | ND(0.0060)               | ND(0.0060)               | ND(0.0070)               | ND(0.0062)              | ND(0.0070) [ND(0.0070)]                          | NA NA                     |
| Dibromomethane                                | ND(0.0060)               | ND(0.0060)               | ND(0.0070)               | ND(0.0062)              | ND(0.0070) [ND(0.0070)]                          | NA NA                     |
| Dichlorodifluoromethane                       | ND(0.0060)               | ND(0.0060)               | ND(0.0070)               | ND(0.012)               | ND(0.014) [ND(0.014)]                            | NA NA                     |
| Ethyl Methacrylate                            | ND(0.0060)               | ND(0.0060)               | ND(0.0070)               | ND(0.012)               | ND(0.014) [ND(0.014)]                            | NA NA                     |
| Ethylbenzene                                  | ND(0.0060)               | ND(0.0060)               | ND(0.0070)               | ND(0.0062)              | ND(0.0070) [ND(0.0070)]                          | NA NA                     |
| lodomethane                                   | ND(0.0060)               | ND(0.0060)               | ND(0.0070)               | ND(0.0062)              | ND(0.0070) [ND(0.0070)]                          | NA<br>NA                  |
| Isobutanol                                    | ND(0.45)                 | ND(0.52)                 | ND(0.53)                 | ND(0.25)                | ND(0.28) [ND(0.28)]                              | NA<br>NA                  |
| m&p-Xylene                                    | NA<br>ND(0,0060)         | NA<br>ND(0,0060)         | NA<br>ND(0.0070)         | NA<br>NO(0.012)         | NA<br>ND(0.014) (NO(0.014))                      | NA<br>NA                  |
| Methacrylonitrile                             | ND(0.0060)               | ND(0.0060)               | ND(0.0070)               | ND(0.012)               | ND(0.014) [ND(0.014)]                            | NA<br>NA                  |
| Methyl Methacrylate Methylene Chloride        | ND(0.0060)<br>ND(0.0060) | ND(0.0060)<br>ND(0.0060) | ND(0.0070)<br>ND(0.0070) | ND(0.012)<br>ND(0.0062) | ND(0.014) [ND(0.014)]<br>ND(0.0070) [ND(0.0070)] | NA<br>NA                  |
| Pentachloroethane                             | ND(0.0060)               | ND(0.0000)               | ND(0.0070)               | ND(0.0062)<br>NA        | ND(0.0070) [ND(0.0070)]<br>NA                    | NA NA                     |
| Propionitrile                                 | ND(0.045)                | ND(0.052)                | ND(0.053)                | ND(0.062)               | ND(0.070) [ND(0.070)]                            | NA NA                     |
| Pyridine                                      | NA NA                    | NA NA                    | NA                       | NA NA                   | NA   | NA NA                     |
| r yndine<br>Styrene                           | ND(0.0060)               | ND(0.0060)               | ND(0.0070)               | ND(0.0062)              | ND(0.0070) [ND(0.0070)]                          | NA NA                     |
| Tetrachloroethene                             | ND(0.0060)               | ND(0.0060)               | ND(0.0070)               | ND(0.0062)              | ND(0.0070) [ND(0.0070)]                          | NA NA                     |
| Toluene                                       | ND(0.0060)               | ND(0.0060)               | ND(0.0070)               | ND(0.0062)              | ND(0.0070) [ND(0.0070)]                          | NA NA                     |
| trans-1,2-Dichloroethene                      | ND(0.0060)               | ND(0.0060)               | ND(0.0070)               | ND(0.0062)              | ND(0.0070) (ND(0.0070))                          | NA NA                     |
| trans-1,3-Dichloropropene                     | ND(0.0060)               | ND(0.0060)               | ND(0.0070)               | ND(0.0062)              | ND(0.0070) (ND(0.0070))                          | NA NA                     |
| trans-1,3-Dichloro-2-butene                   | ND(0.0060)               | ND(0.0060)               | ND(0.0070)               | ND(0.0032)              | ND(0.014) [ND(0.014)]                            | NA NA                     |
| Trichloroethene                               | ND(0.0060)               | ND(0.0060)               | ND(0.0070)               | ND(0.0062)              | ND(0.0070) [ND(0.0070)]                          | NA NA                     |
| Trichlorofiuoromethane                        | ND(0.0060)               | ND(0.0060)               | ND(0.0070)               | ND(0.0062)              | ND(0.0070) [ND(0.0070)]                          | NA NA                     |
| Vinyl Acetate                                 | ND(0.011)                | ND(0.013)                | ND(0.013)                | ND(0.012)               | ND(0.014) [ND(0.014)]                            | NA                        |
| Vinyl Chloride                                | ND(0.0060)               | ND(0.0060)               | ND(0.0070)               | ND(0.012)               | ND(0.014) [ND(0.014)]                            | NA                        |
| Xylenes (total)                               | ND(0.0060)               | ND(0.0060)               | ND(0.0070)               | ND(0.0062)              | ND(0.0070) [ND(0.0070)]                          | NA                        |

| Location ID:<br>Sample ID:<br>Sample Depth(Feet): | NS-35<br>N35B0608<br>6-8 | NS-36<br>N36B1012<br>10-12   | NS-37<br>N37B1012<br>10-12 | RAA13-2<br>RAA13-2<br>1-3 | RAA13-3<br>RAA13-3<br>0-1                  | RAA13-3<br>RAA13-3<br>3-6 |
|---|--------------------------|--|----------------------------|---------------------------|--|---------------------------|
| Parameter Date Collected:                         | 11/12/96                 | 11/14/96   | 11/15/96                   | 05/02/01                  | 05/02/01                                   | 05/02/01                  |
| Semivolatile Organics                             |                          |  |                            |                           |  |                           |
| 1,2,3,4-Tetrachlorobenzene                        | NA                       | NA   | NA                         | NA NA                     | NA NA                                      | NA NA                     |
| 1,2,3,5-Tetrachlorobenzene                        | NA                       | NA   | NA NA                      | NA                        | NA NA                                      | NA NA                     |
| 1,2,3-Trichlorobenzene                            | NA                       | NA   | NA NA                      | NA NA                     | NA NA                                      | NA NA                     |
| 1,2,4,5-Tetrachlorobenzene                        | ND(0.37)                 | ND(0.43)   | ND(0.44)                   | ND(0.48)                  | ND(0.47) [ND(0.51)]                        | ND(0.58)                  |
| 1,2,4-Trichlorobenzene 1,2-Dichlorobenzene        | ND(0.37)                 | ND(0.43)<br>ND(0.43)   | ND(0.44)                   | ND(0.48)                  | ND(0.47) [ND(0.51)]                        | ND(0.58)                  |
| 1,2-Dichloroberizene 1,2-Diphenylhydrazine        | ND(0.37)<br>ND(0.37)     | ND(0.43)<br>ND(0.43)   | ND(0.44)<br>ND(0.44)       | ND(0.48)<br>ND(0.48)      | ND(0.47) [ND(0.51)]<br>ND(0.47) [ND(0.51)] | ND(0.58)<br>ND(0.58)      |
| 1,3,5-Trichlorobenzene                            | NA NA                    | NA<br>NA   | NA NA                      | NA NA                     | ND(0.47) [ND(0.51)]<br>NA                  | NA NA                     |
| 1,3,5-Trinitrobenzene                             | ND(0.37)                 | ND(0.43)   | ND(0.44)                   | ND(0.96)                  | ND(0.94) [ND(1.0)]                         | ND(1.2)                   |
| 1,3-Dichlorobenzene                               | ND(0.37)                 | ND(0.43)   | ND(0.44)                   | ND(0.48)                  | ND(0.47) [ND(0.51)]                        | ND(0.58)                  |
| 1,3-Dinitrobenzene                                | ND(0.37)                 | ND(0.43)   | ND(0.44)                   | ND(2.4)                   | ND(2.4) [ND(2.5)]                          | ND(3.0)                   |
| 1,4-Dichlorobenzene                               | ND(0.37)                 | ND(0.43)   | ND(0.44)                   | ND(0.48)                  | ND(0.47) [ND(0.51)]                        | ND(0.58)                  |
| 1,4-Dinitrobenzene                                | NA NA                    | NA   | NA                         | NA NA                     | NA NA                                      | NA                        |
| 1,4-Naphthoquinone                                | ND(0.37)                 | ND(0.43)   | ND(0.44)                   | ND(2.4)                   | ND(2.4) [ND(2.5)]                          | ND(3.0)                   |
| 1-Chloronaphthalene                               | NA NA                    | NA NA  | NA NA                      | NA I                      | NA NA                                      | NA .                      |
| 1-Methylamine                                     | NA<br>ND(0.37)           | NA<br>ND(0.43)   | NA<br>ND(0.44)             | NA<br>ND(2.4)             | NA NDG 61                                  | NA<br>ND(3.0)             |
| 1-Naphthylamine<br>2,3,4,6-Tetrachlorophenol      | ND(0.37)<br>ND(0.37)     | ND(0.43)<br>ND(0.43)   | ND(0.44)<br>ND(0.44)       | ND(2.4)<br>ND(0.48)       | ND(2.4) [ND(2.5)]<br>ND(0.47) [ND(0.51)]   | ND(3.0)<br>ND(0.58)       |
| 2,4,5-Trichlorophenol                             | ND(0.37)<br>ND(0.91)     | ND(0.43)<br>ND(1.0)  | ND(0.44)<br>ND(1.1)        | ND(0.48)<br>ND(0.48)      | ND(0.47) [ND(0.51)]<br>ND(0.47) [ND(0.51)] | ND(0.58)                  |
| 2,4,6-Trichlorophenol                             | ND(0.37)                 | ND(0.43)   | ND(0.44)                   | ND(0.48)                  | ND(0.47) [ND(0.51)]                        | ND(0.58)                  |
| 2,4-Dichlorophenol                                | ND(0.37)                 | ND(0.43)   | ND(0.44)                   | ND(0.48)                  | ND(0.47) [ND(0.51)]                        | ND(0.58)                  |
| 2,4-Dimethylphenol                                | ND(0.37)                 | ND(0.43)   | ND(0.44)                   | ND(0.48)                  | ND(0.47) [ND(0.51)]                        | ND(0.58)                  |
| 2,4-Dinitrophenol                                 | ND(0.91)                 | ND(1.0)  | ND(1.1)                    | ND(2.4)                   | ND(2.4) [ND(2.5)]                          | ND(3.0)                   |
| 2,4-Dinitrotoluene                                | ND(0.37)                 | ND(0.43)   | ND(0.44)                   | ND(2.4)                   | ND(2.4) [ND(2.5)]                          | ND(3.0)                   |
| 2,6-Dichlorophenol                                | ND(0.37)                 | ND(0.43)   | ND(0.44)                   | ND(0.48)                  | ND(0.47) [ND(0.51)]                        | ND(0.58)                  |
| 2,6-Dinitrotoluene                                | ND(0.37)                 | ND(0.43)   | ND(0.44)                   | ND(0.48)                  | ND(0.47) [ND(0.51)]                        | ND(0.58)                  |
| 2-Acetylaminofluorene                             | ND(0.75)                 | ND(0.86)   | ND(0.88)                   | ND(0.96)                  | ND(0.94) [ND(1.0)]                         | ND(1.2)                   |
| 2-Chloronaphthalene 2-Chlorophenol                | ND(0.37)<br>ND(0.37)     | ND(0.43)<br>ND(0.43)   | ND(0.44)<br>ND(0.44)       | ND(0.48)<br>ND(0.48)      | ND(0.47) [ND(0.51)]                        | ND(0.58)                  |
| 2-Methylnaphthalene                               | ND(0.37)                 | ND(0.43)   | ND(0.44)                   | ND(0.48)                  | ND(0.47) [ND(0.51)]<br>ND(0.47) [ND(0.51)] | ND(0.58)<br>ND(0.58)      |
| 2-Methylphenol                                    | ND(0.37)                 | ND(0.43)   | ND(0.44)                   | ND(0.48)                  | ND(0.47) [ND(0.51)]                        | ND(0.58)                  |
| 2-Naphthylamine                                   | ND(0.37)                 | ND(0.43)   | ND(0.44)                   | ND(2.4)                   | ND(2.4) [ND(2.5)]                          | ND(3.0)                   |
| 2-Nitroaniline                                    | ND(0.91)                 | ND(1.0)  | ND(1.1)                    | ND(2.4)                   | ND(2.4) [ND(2.5)]                          | ND(3.0)                   |
| 2-Nitrophenol                                     | ND(0.37)                 | ND(0.43)   | ND(0.44)                   | ND(0.96)                  | ND(0.94) [ND(1.0)]                         | ND(1.2)                   |
| 2-Phenylenediamine                                | NA                       | NA   | NA                         | NA NA                     | NA NA                                      | NA                        |
| 2-Picoline  | ND(0.75)                 | ND(0.86)   | ND(0.88)                   | ND(0.48)                  | ND(0.47) [ND(0.51)]                        | ND(0.58)                  |
| 3&4-Methylphenol                                  | ND(0.37)                 | ND(0.43)   | ND(0.44)                   | ND(0.96)                  | ND(0.94) [ND(1.0)]                         | ND(1.2)                   |
| 3,3'-Dichlorobenzidine 3,3'-Dimethoxybenzidine    | ND(0.75)                 | ND(0.86)   | ND(0.88)                   | ND(2.4)                   | ND(2.4) [ND(2.5)]                          | ND(3.0)                   |
| 3,3'-Dimethylbenzidine                            | NA<br>ND(0.75)           | NA<br>ND(0.86)   | NA<br>ND(0.88)             | NA NA                     | NA<br>ND(2.4) [ND(2.5)]                    | NA<br>ND(2.5)             |
| 3-Methylcholanthrene                              | ND(0.73)<br>ND(0.37)     | ND(0.43)   | ND(0.44)                   | ND(2.4)<br>ND(0.96)       | ND(0.94) [ND(1.0)]                         | ND(3.0)<br>ND(1.2)        |
| 3-Methylphenol                                    | NA                       | NA   | NA NA                      | NA NA                     | NA   | NA NA                     |
| 3-Nitroaniline                                    | ND(0.91)                 | ND(1.0)  | ND(1.1)                    | ND(2.4)                   | ND(2.4) [ND(2.5)]                          | ND(3.0)                   |
| 3-Phenylenediamine                                | NA                       | NA   | NA NA                      | NA NA                     | NA NA                                      | NA NA                     |
| 4,4'-Methylene-bis(2-chloroaniline)               | NA                       | NA   | NA                         | NA                        | NA NA                                      | NA                        |
| 4,6-Dinitro-2-methylphenol                        | ND(0.91)                 | ND(1.0)  | ND(1.1)                    | ND(0.48)                  | ND(0.47) [ND(0.51)]                        | ND(0.58)                  |
| 4-Aminobiphenyl                                   | ND(0.75)                 | ND(0.86)   | ND(0.88)                   | ND(0.96)                  | ND(0.94) [ND(1.0)]                         | ND(1.2)                   |
| 4-Bromophenyl-phenylether                         | ND(0.37)                 | ND(0.43)   | ND(0.44)                   | ND(0.48)                  | ND(0.47) [ND(0.51)]                        | ND(0.58)                  |
| 4-Chloro-3-Methylphenol                           | ND(0.37)                 | ND(0.43)   | ND(0.44)                   | ND(0.48)                  | ND(0.47) [ND(0.51)]                        | ND(0.58)                  |
| 4-Chloroaniline<br>4-Chlorobenzilate              | ND(0.37)<br>ND(0.75)     | ND(0.43)   | ND(0.44)                   | ND(0.96)                  | ND(0.94) [ND(1.0)]                         | ND(1.2)                   |
| 4-Chlorophenyl-phenylether                        | ND(0.75)<br>ND(0.37)     | ND(0.86)<br>ND(0.43)   | ND(0.88)<br>ND(0.44)       | ND(2.4)<br>ND(0.48)       | ND(2.4) [ND(2.4)]<br>ND(0.47) [ND(0.51)]   | ND(3.0)<br>ND(0.58)       |
| 4-Methylphenol                                    | NA                       | NA   | NA NA                      | NA NA                     | NA   | NA NA                     |
| 4-Nitroaniline                                    | ND(0.91)                 | ND(1.0)  | ND(1.1)                    | ND(2.4)                   | ND(2.4) [ND(2.5)]                          | ND(3.0)                   |
| 4-Nitrophenol                                     | ND(0.91)                 | ND(1.0)  | ND(1.1)                    | ND(2.4)                   | ND(2.4) [ND(2.5)]                          | ND(3.0)                   |
| 4-Nitroquinoline-1-oxide                          | ND(0.37)                 | ND(0.43)   | ND(0.44)                   | ND(2.4)                   | ND(2.4) [ND(2.5)]                          | ND(3.0)                   |
| 4-Phenylenediamine                                | ND(0.75)                 | ND(0.86)   | ND(0.88)                   | ND(2.4)                   | ND(2.4) [ND(2.4)]                          | ND(3.0)                   |
| 5-Nitro-o-toluidine                               | ND(0.37)                 | ND(0.43)   | ND(0.44)                   | ND(2.4)                   | ND(2.4) [ND(2.5)]                          | ND(3.0)                   |
| 7,12-Dimethy/benz(a)anthracene                    | ND(0.75)                 | ND(0.86)   | ND(0.88)                   | ND(0.96)                  | ND(0.94) [ND(1.0)]                         | ND(1.2)                   |
| a,a'-Dimethylphenethylamine                       | ND(0.37)                 | ND(0.43)   | ND(0.44)                   | ND(2.4)                   | ND(2.4) [ND(2.5)]                          | ND(3.0)                   |
| Acenaphthene Acenaphthylene                       | ND(0.37)<br>ND(0.37)     | ND(0.43)<br>ND(0.43)   | ND(0.44)                   | 5.0                       | ND(0.47) [ND(0.51)]                        | ND(0.58)                  |
|   |                          | DESCRIPTION OF THE PERSON OF T | ND(0.44)                   | ND(0.48)                  | ND(0.47) (ND(0.51))                        | ND(0.58)                  |

## PRE-DESIGN INVESTIGATION REPORT FOR THE NEWELL STREET AREA II REMOVAL ACTION GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

| Location ID:<br>Sample ID:                       | NS-35<br>N35B0608    | NS-36<br>N36B1012    | NS-37<br>N37B1012    | RAA13-2<br>RAA13-2   | RAA13-3<br>RAA13-3                         | RAA13-3<br>RAA13-3                    |
|--|----------------------|----------------------|----------------------|----------------------|--|---------------------------------------|
| Sample Depth(Feet): Parameter Date Collected:    | 6-8<br>11/12/96      | 10-12<br>11/14/96    | 10-12<br>11/15/96    | 1-3<br>05/02/01      | 0-1<br>05/02/01                            | 3-6<br>05/02/01                       |
| Semivolatile Organics(continued)                 |                      |                      | \$                   |                      |  | · · · · · · · · · · · · · · · · · · · |
| Aniline  | ND(0.37)             | ND(0.43)             | ND(0.44)             | ND(0.48)             | ND(0.47) [ND(0.51)]                        | ND(0.58)                              |
| Anthracene                                       | ND(0.37)             | ND(0.43)             | ND(0.44)             | 8.5                  | ND(0.47) [ND(0.51)]                        | ND(0.58)                              |
| Aramite  | ND(0.75)             | ND(0.86)             | ND(0.88)             | ND(0.96)             | ND(0.94) [ND(1.0)]                         | ND(1.2)                               |
| Benzal chloride Benzidine                        | NA<br>ND(0.37)       | NA<br>ND(0.43)       | NA<br>ND(0.44)       | NA<br>ND(0.96)       | NA<br>ND(0.94) [ND(1.0)]                   | NA<br>ND(1.2)                         |
| Benzo(a)anthracene                               | ND(0.37)             | ND(0.43)             | ND(0.44)             | 9.2                  | ND(0.47) [ND(0.51)]                        | ND(0.58)                              |
| Benzo(a)pyrene                                   | ND(0.37)             | ND(0.43)             | ND(0.44)             | 9.5                  | ND(0.47) [0.72]                            | ND(0.58)                              |
| Benzo(b)fluoranthene                             | ND(0.37)             | ND(0.43)             | ND(0.44)             | 9.5                  | 0.49 [0.80]                                | ND(0.58)                              |
| Benzo(g,h,i)perylene                             | ND(0.37)             | ND(0.43)             | ND(0.44)             | 5.6                  | ND(0.47) [0.72]                            | ND(0.58)                              |
| Benzo(k)fluoranthene                             | ND(0.37)             | ND(0.43)             | 0.063 JZ             | 7.6                  | ND(0.47) [0.65]                            | ND(0.58)                              |
| Benzoic Acid                                     | NA NA                | NA NA                | NA NA                | NA                   | NA NA                                      | NA NA                                 |
| Benzotrichloride                                 | NA NA                                      | NA NA                                 |
| Benzyl Alcohol<br>Benzyl Chloride                | ND(0.37)<br>NA       | ND(0.43)<br>NA       | ND(0.44)<br>NA       | ND(0.96)<br>NA       | ND(0.94) [ND(1.0)]<br>NA                   | ND(1.2)<br>NA                         |
| bis(2-Chloroethoxy)methane                       | ND(0.37)             | ND(0.43)             | ND(0.44)             | ND(0.48)             | ND(0.47) [ND(0.51)]                        | ND(0.58)                              |
| bis(2-Chloroethyl)ether                          | ND(0.37)             | ND(0.43)             | ND(0.44)             | ND(0.48)             | ND(0.47) [ND(0.51)]<br>ND(0.47) [ND(0.51)] | ND(0.58)                              |
| bis(2-Chloroisopropyl)ether                      | ND(0.37)             | ND(0.43)             | ND(0.44)             | ND(0.48)             | ND(0.47) [ND(0.51)]                        | ND(0.58)                              |
| bis(2-Ethylhexyl)phthalate                       | 0.061 J              | 0.069 JB             | 0.051 JB             | ND(0.48)             | ND(0.47) [ND(0.51)]                        | ND(0.58)                              |
| Butylbenzylphthalate                             | ND(0.37)             | ND(0.43)             | ND(0.44)             | ND(0.96)             | ND(0.94) [ND(1.0)]                         | ND(1.2)                               |
| Chrysene   | ND(0.37)             | ND(0.43)             | 0.045 J              | 8.7                  | ND(0.47) [0.67]                            | ND(0.58)                              |
| Cyclophosphamide                                 | NA NA                | NA NA                | NA                   | NA NA                | NA   | NA NA                                 |
| Diallate   | ND(0.37)             | ND(0.43)             | ND(0.44)             | ND(0.96)             | ND(0.94) [ND(1.0)]                         | ND(1.2)                               |
| Dibenz(a,j)acridine Dibenzo(a,h)anthracene       | NA<br>ND(0.37)       | NA<br>ND(0.43)       | NA<br>ND(0.44)       | NA<br>1.3            | NA<br>ND(0.94) [ND(1.0)]                   | NA<br>ND(1.2)                         |
| Dibenzofuran                                     | ND(0.37)             | ND(0.43)             | ND(0.44)             | 2.4                  | ND(0.47) [ND(0.51)]                        | ND(1.2)                               |
| Diethylphthalate                                 | ND(0.37)             | ND(0.43)             | ND(0.44)             | ND(0.48)             | ND(0.47) [ND(0.51)]                        | ND(0.58)                              |
| Dimethylphthalate                                | ND(0.37)             | ND(0.43)             | ND(0.44)             | ND(0.48)             | ND(0.47) [ND(0.51)]                        | ND(0.58)                              |
| Di-n-Butylphthalate                              | 0.26 J               | ND(0.43)             | ND(0.44)             | ND(0.48)             | ND(0.47) [ND(0.51)]                        | ND(0.58)                              |
| Di-n-Octylphthalate                              | ND(0.37)             | ND(0.43)             | ND(0.44)             | ND(0.48)             | ND(0.47) [ND(0.51)]                        | ND(0.58)                              |
| Dinoseb  | NA                   | ND(0.43)             | ND(0.44)             | NA                   | NA   | NA                                    |
| Diphenylamine                                    | ND(0.37)             | ND(0.43)             | ND(0.44)             | ND(0.48)             | ND(0.47) [ND(0.51)]                        | ND(0.58)                              |
| Ethyl Methanesulfonate                           | ND(0.37)             | ND(0.43)             | ND(0.44)             | ND(0.48)             | ND(0.47) [ND(0.51)]                        | ND(0.58)                              |
| Fluoranthene<br>Fluorene                         | ND(0.37)<br>ND(0.37) | ND(0.43)<br>ND(0.43) | 0.050 J<br>ND(0.44)  | 19<br>3.8            | 0.57 [1.0]                                 | ND(0.58)                              |
| Hexachlorobenzene                                | ND(0.37)             | ND(0.43)             | ND(0.44)             | ND(0.48)             | ND(0.47) [ND(0.51)]<br>ND(0.47) [ND(0.51)] | ND(0.58)<br>ND(0.58)                  |
| Hexachlorobutadiene                              | ND(0.37)             | ND(0.43)             | ND(0.44)             | ND(0.96)             | ND(0.94) [ND(1.0)]                         | ND(1.2)                               |
| Hexachlorocyclopentadiene                        | ND(0.37)             | ND(0.43)             | ND(0.44)             | ND(0.48)             | ND(0.47) [ND(0.51)]                        | ND(0.58)                              |
| Hexachloroethane                                 | ND(0.37)             | ND(0.43)             | ND(0.44)             | ND(0.48)             | ND(0.47) [ND(0.51)]                        | ND(0.58)                              |
| Hexachlorophene                                  | ND(1.9)              | ND(2.1)              | ND(2.2)              | ND(0.96)             | ND(0.94) [ND(1.0)]                         | ND(1.2)                               |
| Hexachloropropene                                | ND(0.37)             | ND(0.43)             | ND(0.44)             | ND(0.48)             | ND(0.47) [ND(0.51)]                        | ND(0.58)                              |
| Indeno(1,2,3-cd)pyrene                           | ND(0.37)             | ND(0.43)             | ND(0.44)             | 7.8                  | ND(0.94) [ND(1.0)]                         | ND(1.2)                               |
| Isodrin<br>Isophorone                            | NA<br>ND(0.37)       | NA<br>ND(0.43)       | NA<br>ND(0.44)       | ND(0.48)<br>ND(0.48) | ND(0.47) [ND(0.51)]<br>ND(0.47) [ND(0.51)] | ND(0.58)                              |
| Isosafrole                                       | ND(0.37)             | ND(0.43)             | ND(0.44)             | ND(0.46)<br>ND(0.96) | ND(0.47) [ND(0.51)]<br>ND(0.94) [ND(1.0)]  | ND(0.58)<br>ND(1.2)                   |
| Methapyrilene                                    | ND(0.37)             | ND(0.43)             | ND(0.44)             | ND(2.4)              | ND(2.4) [ND(2.5)]                          | ND(3.0)                               |
| Methyl Methanesulfonate                          | ND(0.37)             | ND(0.43)             | ND(0.44)             | ND(0.48)             | ND(0.47) [ND(0.51)]                        | ND(0.58)                              |
| Naphthalene                                      | ND(0.37)             | ND(0.43)             | ND(0.44)             | 5.0                  | ND(0.47) [ND(0.51)]                        | ND(0.58)                              |
| Nitrobenzene                                     | ND(0.37)             | ND(0.43)             | ND(0.44)             | ND(0.48)             | ND(0.47) [ND(0.51)]                        | ND(0.58)                              |
| N-Nitrosodiethylamine                            | ND(0.37)             | ND(0.43)             | ND(0.44)             | ND(0.48)             | ND(0.47) [ND(0.51)]                        | ND(0.58)                              |
| N-Nitrosodimethylamine                           | ND(0.37)             | ND(0.43)             | ND(0.44)             | ND(2.4)              | ND(2.3) [ND(2.5)]                          | ND(2.9)                               |
| N-Nitroso-di-n-butylamine                        | ND(0.37)             | ND(0.43)             | ND(0.44)             | ND(0.96)             | ND(0.94) [ND(1.0)]                         | ND(1.2)                               |
| N-Nitroso-di-n-propylamine                       | ND(0.37)             | ND(0.43)             | ND(0.44)             | ND(0.96)             | ND(0.94) [ND(1.0)]                         | ND(1.2)                               |
| N-Nitrosodiphenylamine N-Nitrosomethylethylamine | ND(0.37)<br>ND(0.37) | ND(0.43)<br>ND(0.43) | ND(0.44)<br>ND(0.44) | ND(0.48)             | ND(0.47) [ND(0.51)]<br>ND(0.94) [ND(0.94)] | ND(0.58)                              |
| N-Nitrosomethylethylamine N-Nitrosomorpholine    | ND(0.37)<br>ND(0.37) | ND(0.43)<br>ND(0.43) | ND(0.44)<br>ND(0.44) | ND(0.82)<br>ND(0.48) | ND(0.94) [ND(0.94)]<br>ND(0.47) [ND(0.51)] | ND(1.2)<br>ND(0.58)                   |
| N-Nitrosopiperidine                              | ND(0.37)             | ND(0.43)             | ND(0.44)             | ND(0.48)             | ND(0.47) [ND(0.51)]                        | ND(0.58)                              |
| N-Nitrosopyrolidine                              | ND(0.37)             | ND(0.43)             | ND(0.44)             | ND(0.96)             | ND(0.94) [ND(1.0)]                         | ND(1.2)                               |
| o,o,o-Triethylphosphorothicate                   | NA NA                | NA NA                | NA NA                | ND(0.48)             | ND(0.47) [ND(0.51)]                        | ND(0.58)                              |
| o-Toluidine                                      | ND(0.37)             | ND(0.43)             | ND(0.44)             | ND(0.48)             | ND(0.47) [ND(0.51)]                        | ND(0.58)                              |
| Paraldehyde                                      | NA NA                                      | ÑΑ                                    |
| p-Dimethylaminoazobenzene                        | ND(0.37)             | ND(0.43)             | ND(0.44)             | ND(2.4)              | ND(2.4) [ND(2.5)]                          | ND(3.0)                               |
| Pentachlorobenzene                               | ND(0.37)             | ND(0.43)             | ND(0.44)             | ND(0.48)             | ND(0.47) [ND(0.51)]                        | ND(0.58)                              |
| Pentachloroethane                                | ND(0.37)             | ND(0.43)             | ND(0.44)             | ND(0.48)             | ND(0.47) [ND(0.51)]                        | ND(0.58)                              |
| Pentachloronitrobenzene                          | ND(0.37)             | ND(0.43)             | ND(0.44)             | ND(2.4)              | ND(2.4) [ND(2.5)]                          | ND(3.0)                               |

| Location ID:<br>Sample ID:<br>Sample Depth(Feet): | N35B0608       | NS-36<br>N36B1012<br>10-12 | NS-37<br>N37B1012<br>10-12 | RAA13-2<br>RAA13-2<br>1-3 | RAA13-3<br>RAA13-3<br>0-1                  | RAA13-3<br>RAA13-3<br>3-6 |
|---|----------------|----------------------------|----------------------------|---------------------------|--|---------------------------|
| Parameter Date Collected:                         | 11/12/96       | 11/14/96                   | 11/15/96                   | 05/02/01                  | 05/02/01                                   | 05/02/01                  |
| Semivolatile Organics(continued)                  |                |                            | 1 11110100                 | 1 00/02/01                | 03.0201                                    | 1 0000001                 |
| Pentachlorophenol                                 | ND(0.91)       | ND(1.0)                    | ND(1.1)                    | ND(2.4)                   | ND(2.4) [ND(2.5)]                          | ND(3.0)                   |
| Phenacetin  | ND(0.75)       | ND(0.86)                   | ND(0.88)                   | ND(2.4)                   | ND(2.4) [ND(2.5)]<br>ND(2.4) [ND(2.5)]     | ND(3.0)                   |
| Phenanthrene                                      | ND(0.37)       | ND(0.43)                   | ND(0.44)                   | 19                        | ND(0.47) [ND(0.51)]                        | ND(0.58)                  |
| Phenol  | ND(0.37)       | ND(0.43)                   | ND(0.44)                   | ND(0.48)                  | ND(0.47) (ND(0.51))<br>ND(0.47) (ND(0.51)) | ND(0.58)                  |
| Pronamide   | ND(0.37)       | ND(0.43)                   | ND(0.44)                   | ND(0.48)                  | ND(0.47) (ND(0.51))                        | ND(0.58)                  |
| Pyrene  | ND(0.37)       | ND(0.43)                   | 0.059 J                    | 17                        | 0.66 [1.2]                                 | ND(0.58)                  |
| Pyridine  | ND(0.37)       | ND(0.43)                   | ND(0.44)                   | ND(0.48)                  | ND(0.47) [ND(0.51)]                        | ND(0.58)                  |
| Safrole   | ND(0.37)       | ND(0.43)                   | ND(0.44)                   | ND(0.48)                  | ND(0.47) [ND(0.51)]                        | ND(0.58)                  |
| Thionazin   | NA NA          | NA NA                      | NA NA                      | ND(0.48)                  | ND(0.47) (ND(0.51))                        | ND(0.58)                  |
| Organochlorine Pesticides                         | <u> </u>       |                            | 1 121                      | 1 (10(0.10)               | 1 (0.47)[(10(0.07)]                        | 1 142(0.50)               |
| 4,4'-DDD  | NA NA          | NA NA                      | NA NA                      | NA NA                     | l NA                                       | l NA                      |
| 4,4'-DDE  | NA NA          | NA NA                      | NA NA                      | T NA                      | NA NA                                      | NA NA                     |
| 4,4'-DDT  | NA NA          | NA NA                      | NA NA                      | NA NA                     | NA NA                                      | NA NA                     |
| Aldrin  | NA NA          | NA NA                      | NA NA                      | NA NA                     | NA NA                                      |                           |
| Alpha-BHC   | NA NA          | NA NA                      | NA<br>NA                   | NA<br>NA                  | NA NA                                      | NA<br>NA                  |
| Beta-BHC  | NA NA          | NA NA                      | NA NA                      | NA NA                     | NA NA                                      | NA<br>NA                  |
| Delta-BHC   | NA NA          | NA<br>NA                   | NA NA                      | NA<br>NA                  | NA<br>NA                                   | NA NA                     |
| Dieldrin  | NA NA          | T NA                       | NA NA                      | NA NA                     | NA NA                                      |                           |
| Endosulfan I                                      | NA NA          | NA NA                      | NA NA                      | NA NA                     | NA NA                                      | NA<br>NA                  |
| Endosulfan II                                     | NA NA          | NA NA                      | NA NA                      | NA<br>NA                  | NA NA                                      | NA<br>NA                  |
| Endosulfan Sulfate                                | NA NA          | NA NA                      | NA NA                      | NA NA                     | NA NA                                      | NA NA                     |
| Endrin  | NA NA          | NA NA                      | NA NA                      | NA NA                     | NA NA                                      | NA NA                     |
| Endrin Aldehyde                                   | NA NA          | NA NA                      | NA NA                      | NA NA                     | NA<br>NA                                   | NA NA                     |
| Gamma-BHC (Lindane)                               | NA NA          | NA NA                      | NA NA                      | NA NA                     | NA NA                                      | NA NA                     |
| Heptachlor  | NA NA          | NA NA                      | NA NA                      | NA NA                     | NA NA                                      | NA NA                     |
| Heptachlor Epoxide                                | NA NA          | NA NA                      | NA NA                      | NA NA                     | NA<br>NA                                   | NA NA                     |
| Kepone  | NA NA          | NA NA                      | NA NA                      | NA<br>NA                  | NA NA                                      | NA NA                     |
| Methoxychlor                                      | NA NA          | NA NA                      | NA NA                      | NA NA                     | NA NA                                      | NA<br>NA                  |
| Technical Chlordane                               | NA NA          | NA NA                      | NA NA                      | NA NA                     | NA NA                                      | NA NA                     |
| Toxaphene   | NA NA          | NA NA                      | NA NA                      | T NA                      | NA NA                                      | NA<br>NA                  |
| Organophosphate Pesticides                        | 1471           | 10/1                       | 140                        | 1 147                     | IVA  | AVI                       |
| Dimethoate  | NA NA          | NA NA                      | l NA                       | I NA                      |  |                           |
| Disulfoton  | NA NA          | NA NA                      | NA NA                      | NA<br>NA                  | NA NA                                      | NA NA                     |
| Ethyl Parathion                                   | NA NA          | NA NA                      | NA NA                      | NA NA                     | NA<br>NA                                   | NA<br>NA                  |
| Famphur   | NA NA          | NA NA                      | NA NA                      | NA NA                     | NA<br>NA                                   | NA NA                     |
| Methyl Parathion                                  | NA ·           | NA NA                      | NA NA                      | NA NA                     | NA<br>NA                                   | NA NA                     |
| Phorate   | NA NA          | NA NA                      | NA NA                      | NA NA                     | NA NA                                      | NA<br>NA                  |
| Sulfotep  | NA NA          | NA NA                      | NA NA                      | NA NA                     | NA NA                                      | NA<br>NA                  |
| Herbicides  |                | 10/                        | 1 10/                      | 147                       | 11/  | 1 IVA                     |
| 2,4,5-T   | NA             | NA NA                      | NA NA                      | I NA I                    | NA NA                                      | T 51A                     |
| 2,4,5-TP  | NA NA          | NA NA                      | NA NA                      | NA NA                     | NA NA                                      | NA NA                     |
| 2,4-D   | NA NA          | NA NA                      | NA NA                      | NA NA                     | NA NA                                      | NA<br>NA                  |
| Dinoseb   | ND(0.37)       | NA NA                      | NA NA                      | NA NA                     | NA NA                                      | NA<br>NA                  |
| Furans  | 1(0,0.)        |                            | 101                        | 11/4                      |  | I INA                     |
| 2,3,7,8-TCDF                                      | 0.000037 Y     | 0.0000047 Y                | 0.000076 V                 | NID(0,000044)             | 0.00050.00.0050                            | 110/0 0000000             |
| TCDFs (total)                                     | 0.00037 1      | 0.0000047 1                | 0.000076 Y<br>0.00055      | ND(0.000011)              | 0.00053 [0.0053]                           | ND(0.0000088)             |
| 1,2,3,7,8-PeCDF                                   | 0.00029        | ND(0.000017)               | 0.000047                   | ND(0.000011)<br>0.000058  | 0.0014 [0.021]                             | ND(0.0000088)             |
| 2,3,4,7,8-PeCDF                                   | 0.000023       | ND(0.0000017)              | 0.000047                   | ND(0.000083)              | ND(0.00091) X [0.000036]                   | ND(0.0000079)             |
| PeCDFs (total)                                    | 0.00031        | 0.000019                   | 0.00047                    | <del></del>               | 0.00046 [0.00011]                          | ND(0.0000076)             |
| 1,2,3,4,7,8-HxCDF                                 | 0.00031        | 0.000019<br>0.0000075 J    | 0.000098                   | 0.000058<br>ND(0.0000089) | 0.0057 [0.0027]                            | ND(0.0000076)             |
| 1,2,3,6,7,8-HxCDF                                 | 0.000070       | ND(0.0000030)              | 0.000098                   | 0.00111                   | ND(0.00013) [0.00082]                      | ND(0.0000065)             |
| 1,2,3,0,7,6-1XCDF                                 | ND(0.00000081) |                            | ND(0.000032)               | <del></del>               | 0.029 I [0.0060 I]                         | ND(0.0000055)             |
| 2,3,4,6,7,8-HxCDF                                 | 0.0000091 J    | /.                         |                            | ND(0.000013)              | ND(0.00018) [ND(0.000043) X]               | ND(0.0000092)             |
| HxCDFs (total)                                    | 4              | ND(0.0000027)              | 0.000015                   | ND(0.0000092)             | ND(0.00019) X [0.00038]                    | ND(0.0000067)             |
| 1,2,3,4,6,7,8-HpCDF                               | 0.00022        | 0.000027<br>0.0000066 J    | 0.00025                    | 0.0012                    | 0.048 [0.025]                              | ND(0.0000055)             |
|   | 0.000061       |                            | 0.000066                   | 0.000024                  | 0.0020 [0.0017]                            | ND(0.0000044)             |
| 1,2,3,4,7,8,9-HpCDF                               | 0.000013       | ND(0.0000018)              | 0.000016                   | ND(0.0000067)             | 0.00026 [0.00059]                          | ND(0.0000062)             |
| HpCDFs (total)                                    | 0.00011        | 0.0000066                  | 0.00010                    | 0.000024                  | 0.0059 [0.0094]                            | ND(0.0000044)             |
| OCDF  | 0.000044       | ND(0.0000067)              | 0.000038                   | ND(0.000021) X            | 0.0010 [0.00049]                           | ND(0.0000097)             |

|                   | Location ID:                           | NS-35          | NS-36          | NS-37          | RAA13-2       | RAA13-3<br>RAA13-3             | RAA13-3<br>RAA13-3                                |
|-------------------|--|----------------|----------------|----------------|---------------|--------------------------------|---|
| _                 | Sample ID:                             | N35B0608       | N36B1012       | N37B1012       | RAA13-2       |                                |   |
|                   | ample Depth(Feet):                     |                | 10-12          | 10-12          | 1-3           | 0-1<br>05/02/01                | 3-6<br>05/02/01                                   |
| Parameter         | Date Collected:                        | 11/12/96       | 11/14/96       | 11/15/96       | 05/02/01      | 05/02/01                       | 05/02/01  |
| Dioxins           |  |                |                |                | p 1           |                                |   |
| 2,3,7,8-TCDD      |  | 4              |                | ND(0.00000085) | ND(0.0000038) | ND(0.000011) [ND(0.000021)]    | ND(0.0000072)                                     |
| TCDDs (total)     |  | 0.0000029      | ND(0.00000048) |                | ND(0.000011)  | ND(0.000011) [0.00052]         | ND(0.0000072)                                     |
| 1,2,3,7,8-PeCDD   | )                                      | ND(0.0000018)  | ND(0.00000041) |                | ND(0.000015)  | ND(0.000090) [ND(0.000025)]    | ND(0.0000099)                                     |
| PeCDDs (total)    |  | ND(0.0000033)  | ND(0.00000041) |                | ND(0.000015)  | ND(0.000090) [0.00034]         | ND(0.0000099)                                     |
| 1,2,3,4,7,8-HxCE  |  | ND(0.00000064) | ND(0.00000073) |                | ND(0.000013)  | ND(0.000040) [ND(0.0000093) X] | ND(0.000010)                                      |
| 1,2,3,6,7,8-HxCE  |  | ND(0.0000011)  | ND(0.00000063) |                | ND(0.0000088) | ND(0.000027) [ND(0.0000081) X] | ND(0.0000068)                                     |
| 1,2,3,7,8,9-HxCE  | OD                                     | ND(0.0000015)  | ND(0.00000067) | ND(0.0000021)  | ND(0.000011)  | ND(0.000032) [0.000018]        | ND(0.0000082)                                     |
| HxCDDs (total)    |  | ND(0.0000042)  | ND(0.0000051)  | ND(0.0000049)  | ND(0.0000088) | ND(0.000027) [0.00019]         | ND(0.0000068)                                     |
| 1,2,3,4,6,7,8-Hp( | CDD                                    | 0.0000078 J    | ND(0.0000019)  | 0.0000071 J    | ND(0.0000066) | 0.00011 [0.000076]             | ND(0.0000066)                                     |
| HpCDDs (total)    |  | 0.000015       | ND(0.0000019)  | 0.000014       | ND(0.0000066) | 0.00011 [0.00016]              | ND(0.0000066)                                     |
| OCDD              |  | 0.000030       | ND(0.0000092)  | 0.000013 J     | 0.000025      | 0.00036 [0.00025]              | 0.000015 B  |
| Total TEQs (WH    | IO TEFs)                               | 0.000030       | 0.0000028      | 0.000052       | 0.00013       | 0.0033 [0.0014]                | 0.000014  |
| Inorganics        |  |                |                |                |               |                                |   |
| Aluminum          |  | NA             | NA             | NA             | NA            | NA NA                          | NA NA   |
| Antimony          |  | 3.70 BN        | ND(1.80) N     | ND(1.80) N     | ND(11.0)      | 1.50 B [ND(13.0)]              | ND(16.0)  |
| Arsenic           |  | 3.20           | 7.90           | 2.50           | 7.10 B        | 13.0 B [11.0 B]                | 5.00 B  |
| Barium            |  | 11.6 B         | 10.9 BE        | 39.4           | 25.0 B        | 60.0 [55.0]                    | 39.0 B  |
| Beryllium         |  | 0.130 B        | 0.180 B        | 0.320 B        | 0.250         | 0.360 [0.310]                  | 0.400   |
| Cadmium           |  | ND(0.240)      | 0.330 BN       | 0.500 BN       | ND(1.80)      | 0.140 B [ND(2.10)]             | ND(2.60)  |
| Calcium           |  | NA             | NA             | NA             | NA            | NA NA                          | NA NA   |
| Chromium          |  | 4.70           | 17.3 E         | 11.0           | 7.00          | 16.0 [14.0]                    | 12.0  |
| Cobalt            |  | 15.1           | 20.3 E         | 7.50           | 9.60          | 14.0 [11.0]                    | 8.90 B  |
| Copper            |  | 20.9 N*        | 35.3           | 37.7 N         | 22.0          | 61.0 [54.0]                    | 18.0 B  |
| Cyanide           |  | ND(2.90)       | ND(3.30)       | ND(3.30)       | ND(1.00)      | ND(1.00) [0.0590 B]            | ND(1.00)  |
| Iron              |  | NA             | NA             | NA             | NA            | NA NA                          | NA  |
| Lead              |  | 13.5 E*        | 12.8 E         | 55.0           | 15.0          | 140 [120]                      | 13.0  |
| Magnesium '       |  | NA             | NA             | NA             | NA            | NA NA                          | NA  |
| Manganese         |  | NA             | NA             | NA NA          | NA            | NA ·                           | NA  |
| Mercury           |  | ND(0.0400)     | 0.120 B        | 0.0700 B       | ND(0.250)     | 0.350 [0.360]                  | ND(0.350)   |
| Nickel            | ······································ | 11.8           | 32.3           | 12.9           | 15.0          | 26.0 [22.0]                    | 15.0  |
| Potassium         |  | NA             | NA             | NA             | NA            | NA NA                          | NA  |
| Selenium          |  | 0.320 B        | ND(0.350)      | 0.640 B        | ND(0.920)     | 0.900 B [ND(1.00)]             | ND(1.30)  |
| Silver            |  | ND(0.390)      | ND(0.440)      | ND(0.450)      | ND(0.920)     | ND(1.00) [ND(1.00)]            | ND(1.30)  |
| Sodium            |  | NA             | NA             | NA             | NA            | NA NA                          | NA  |
| Sulfide           |  | 297            | ND(260)        | 345            | 20.0          | 16.0 [27.0]                    | 94.0  |
| Thallium          |  | ND(0.530)      | ND(0.600)      | ND(0.610)      | 1.00 B        | 1.50 B [1.30 B]                | ND(2.60)  |
| Tin               |  | ND(1.50)       | ND(1.70) N     | ND(1.70) N*    | ND(9.20)      | 7.80 B [7.70 B]                | 5.10 B  |
| Vanadium          |  | 4.90 B         | 11.8 E         | 8.40           | 9.80          | 19.0 [17.0]                    | 12.0 B  |
| Zinc              |  | 63.7 E         | 89.8 E         | 97.3 E         | 50.0          | 160 [130]                      | 59.0  |
| Conventional P    | arameters                              | <u></u>        |                |                |               |                                |   |
| Total Phenois     |  | NA             | NA             | NA             | NA            | NA NA                          | NA  |
|                   |  |                | <del></del>    |                |               |                                | ~~ <del>~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~</del> |

| Location ID:<br>Sample ID:<br>Sample Depth(Feet): | RAA13-3<br>RAA13-3<br>4-6 | RB-7<br>RNRB70002<br>0-2 | RB-7<br>RNRB70204<br>2-4 | RB-8-3<br>RB-8-3<br>0-0.5 | RB-9<br>RB-9<br>0-0.5    | SL0105<br>081298BT35<br>0-0.5 | SL0124<br>081398BT27<br>0-0.5 |
|---|---------------------------|--------------------------|--------------------------|---------------------------|--------------------------|-------------------------------|-------------------------------|
| Parameter Date Collected:                         | 05/02/01                  | 05/21/91                 | 05/21/91                 | 06/14/95                  | 06/14/95                 | 08/12/98                      | 08/13/98                      |
| Volatile Organics                                 |                           |                          |                          |                           |                          |                               |                               |
| 1.1.1.2-Tetrachioroethane                         | ND(0.0074)                | ND(0.0060)               | ND(0.0060)               | ND(0.0010)                | ND(0.0010)               | ND(0.0059)                    | ND(0.0066)                    |
| 1,1,1-trichloro-2,2,2-trifluoroethane             | NA                        | ND(0.011)                | ND(0.012)                | NA                        | NA                       | NA                            | NA                            |
| 1,1,1-Trichloroethane                             | ND(0.0074)                | ND(0.0060)               | ND(0.0060)               | ND(0.0010)                | ND(0.0010)               | ND(0.0059)                    | ND(0.0066)                    |
| 1,1,2,2-Tetrachioroethane                         | ND(0.0074)                | ND(0.011)                | ND(0.012)                | ND(0.0010)                | ND(0.0010)               | ND(0.0059)                    | ND(0.0066)                    |
| 1,1,2-trichloro-1,2,2-trifluoroethane             | NA                        | 0.0020 JB                | 0.0010 JB                | NA NA                     | NA                       | NA                            | NA                            |
| 1,1,2-Trichloroethane                             | ND(0.0074)                | ND(0.0060)               | ND(0.0060)               | ND(0.0010)                | ND(0.0010)               | ND(0.0059)                    | ND(0.0066)                    |
| 1,1-Dichloroethane                                | ND(0.0074)                | ND(0.0060)               | ND(0.0060)               | ND(0.0010)                | ND(0.0010)               | ND(0.0059)                    | ND(0.0066)                    |
| 1,1-Dichloroethene                                | ND(0.0074)                | ND(0.0060)               | ND(0.0060)               | ND(0.0010)                | ND(0.0010)               | ND(0.0059)                    | ND(0.0066)                    |
| 1,2,3-Trichloropropane                            | ND(0.0074)                | ND(0.017)                | ND(0.018)                | ND(0.010)                 | ND(0.010)<br>ND(0.0010)  | ND(0.0059)<br>ND(0.012)       | ND(0.0066)<br>ND(0.013)       |
| 1,2-Dibromo-3-chloropropane<br>1,2-Dibromoethane  | ND(0.0074)<br>ND(0.0074)  | ND(0.011)<br>ND(0.0060)  | ND(0.012)<br>ND(0.0060)  | ND(0.0010)<br>ND(0.0010)  | ND(0.0010)               | ND(0.012)                     | ND(0.0066)                    |
| 1,2-Dioromoethane                                 | ND(0.0074)                | ND(0.0060)               | ND(0.0060)               | ND(0.0010)                | ND(0.0010)               | ND(0.0059)                    | ND(0.0066)                    |
| 1,2-Dichloroethane                                | NA                        | ND(0.0060)               | ND(0.0060)               | NA NA                     | NA                       | NA NA                         | NA NA                         |
| 1,2-Dichloropropane                               | ND(0.0074)                | ND(0.0060)               | ND(0.0060)               | ND(0.0010)                | ND(0.0010)               | ND(0.0059)                    | ND(0.0066)                    |
| 1,4-Dioxane                                       | ND(0.20)                  | NA NA                    | NA NA                    | ND(0.020)                 | ND(0.020)                | ND(0.59)                      | ND(0.66)                      |
| 2-Butanone  | ND(0.10)                  | ND(0.011)                | ND(0.012)                | ND(0.0010)                | ND(0.0010)               | ND(0.024)                     | ND(0.026)                     |
| 2-Chloro-1,3-butadiene                            | ND(0.0074)                | NA                       | NA                       | ND(0.0010)                | ND(0.0010)               | ND(0.0059)                    | ND(0.0066)                    |
| 2-Chloroethylvinylether                           | ND(0.0074)                | ND(0.011)                | ND(0.012)                | ND(0.0010)                | ND(0.0010)               | ND(0.059)                     | ND(0.066)                     |
| 2-Hexanone  | ND(0.015)                 | ND(0.017)                | ND(0.018)                | ND(0.010)                 | ND(0.010)                | ND(0.024)                     | ND(0.026)                     |
| 3-Chloropropene                                   | ND(0.015)                 | ND(0.017)                | ND(0.018)                | ND(0.010)                 | ND(0.010)                | ND(0.012)                     | ND(0.013)                     |
| 4-Methyl-2-pentanone                              | ND(0.015)                 | ND(0.017)                | ND(0.018)                | ND(0.010)                 | ND(0.010)                | ND(0.024)                     | ND(0.026)                     |
| Acetone   | ND(0.10)                  | 0.0040 JB                | ND(0.012)                | ND(0.020)                 | ND(0.020)                | ND(0.012)                     | ND(0.013)                     |
| Acetonitrile                                      | ND(0.15)                  | NA                       | NA                       | ND(0.010)                 | ND(0.010)                | ND(0.12)                      | ND(0.13)                      |
| Acrolein  | ND(0.15)                  | ND(0.10)                 | ND(0.11)                 | ND(0.010)                 | ND(0.010)                | ND(0.12)                      | ND(0.13)                      |
| Acrylonitrile                                     | ND(0.015)                 | ND(0.14)                 | ND(0.14)                 | ND(0.010)                 | ND(0.010)                | ND(0.12)                      | ND(0.13)                      |
| Benzene   | ND(0.0074)                | ND(0.0060)               | ND(0.0060)               | ND(0.0010)                | ND(0.0010)               | ND(0.0059)                    | ND(0.0066)<br>ND(0.0066)      |
| Bromodichloromethane                              | ND(0.0074)                | ND(0.0060)<br>ND(0.011)  | ND(0.0060)<br>ND(0.012)  | ND(0.0010)<br>ND(0.0010)  | ND(0.0010)<br>ND(0.0010) | ND(0.0059)<br>ND(0.0059)      | ND(0.0066)                    |
| Bromoform Bromomethane                            | ND(0.0074)<br>ND(0.015)   | ND(0.0060)               | ND(0.0060)               | ND(0.0010)                | ND(0.0010)               | ND(0.0039)                    | ND(0.008)                     |
| Carbon Disulfide                                  | ND(0.010)                 | ND(0.0060)               | ND(0.0060)               | ND(0.0010)                | ND(0.0010)               | ND(0.0059)                    | ND(0.0066)                    |
| Carbon Tetrachloride                              | ND(0.0074)                | ND(0.0060)               | ND(0.0060)               | ND(0.0010)                | ND(0.0010)               | ND(0.0059)                    | ND(0.0066)                    |
| Chlorobenzene                                     | ND(0.0074)                | ND(0.0060)               | ND(0.0060)               | ND(0.0010)                | ND(0.0010)               | ND(0.0059)                    | ND(0.0066)                    |
| Chloroethane                                      | ND(0.015)                 | ND(0.011)                | ND(0.012)                | ND(0.0010)                | ND(0.0010)               | ND(0.012)                     | ND(0.013)                     |
| Chloroform  | ND(0.0074)                | ND(0.0060)               | ND(0.0060)               | ND(0.0010)                | ND(0.0010)               | ND(0.0059)                    | ND(0.0066)                    |
| Chloromethane                                     | ND(0.015)                 | ND(0.011)                | ND(0.012)                | ND(0.0010)                | ND(0.0010)               | ND(0.012)                     | ND(0.013)                     |
| cis-1,2-Dichloroethene                            | NA                        | NA                       | NA                       | NA                        | NA                       | ND(0.0029)                    | ND(0.0033)                    |
| cis-1,3-Dichloropropene                           | ND(0.0074)                | ND(0.0060)               | ND(0.0060)               | ND(0.0010)                | ND(0.0010)               | ND(0.0059)                    | ND(0.0066)                    |
| cis-1,4-Dichloro-2-butene                         | NA NA                     | ND(0.017)                | ND(0.018)                | NA NA                     | NA                       | NA                            | NA                            |
| Crotonaldehyde                                    | NA                        | ND(0.11)                 | ND(0.12)                 | NA NA                     | NA                       | NA                            | NA                            |
| Dibromochloromethane                              | ND(0.0074)                |                          | ND(0.0060)               | ND(0.0010)                | ND(0.0010)               | ND(0.0059)                    | ND(0.0066)                    |
| Dibromomethane                                    | ND(0.0074)                |                          | ND(0.012)                | ND(0.0010)                | ND(0.0010)               | ND(0.0059)                    | ND(0.0066)                    |
| Dichlorodifluoromethane                           | ND(0.015)                 | NA<br>ND(0.011)          | NA<br>ND(0.012)          | ND(0.0010)<br>ND(0.010)   | ND(0.0010)<br>ND(0.010)  | ND(0.012)<br>ND(0.0059)       | ND(0.013)<br>ND(0.0066)       |
| Ethyl Methacrylate                                | ND(0.015)<br>ND(0.0074)   |                          | ND(0.0060)               | 0.0020                    | ND(0.010)                | ND(0.0059)                    | ND(0.0066)                    |
| Ethylbenzene<br>lodomethane                       | ND(0.0074)                |                          | ND(0.000)                | ND(0.0010)                | ND(0.0010)               | ND(0.0059)                    | ND(0.0066)                    |
| Isobutanol  | ND(0.30)                  | NA NA                    | NA NA                    | ND(0.010)                 | ND(0.010)                | ND(0.24)                      | ND(0.26)                      |
| m&p-Xylene  | NA NA                     | NA NA                    | NA NA                    | 0.013                     | ND(0.0010)               | NA NA                         | NA                            |
| Methacrylonitrile                                 | ND(0.015)                 | NA                       | NA NA                    | ND(0.0010)                | ND(0.0010)               | ND(0.0059)                    | ND(0.0066)                    |
| Methyl Methacrylate                               | ND(0.015)                 | NA                       | NA                       | ND(0.010)                 | ND(0.010)                | ND(0.0059)                    | ND(0.0066)                    |
| Methylene Chloride                                | ND(0.0074)                |                          | 0.027 B                  | ND(0.0010)                | ND(0.0010)               | ND(0.0059)                    | ND(0.0066)                    |
| Pentachloroethane                                 | NA                        | NA                       | NA                       | ND(0.0010)                | ND(0.0010)               | NA                            | NA                            |
| Propionitrile                                     | ND(0.074)                 | NA                       | NA                       | ND(0.010)                 | ND(0.010)                | ND(0.024)                     | ND(0.026)                     |
| Pyridine  | NA                        | NA NA                    | NA NA                    | ND(0.020)                 | ND(0.020)                | NA                            | NA                            |
| Styrene   | ND(0.0074)                |                          | ND(0.0060)               | ND(0.0010)                | ND(0.0010)               | ND(0.0059)                    | ND(0.0066)                    |
| Tetrachloroethene                                 | ND(0.0074)                |                          | ND(0.0060)               | ND(0.0010)                | ND(0.0010)               | ND(0.0059)                    | ND(0.0066)                    |
| Toluene   | ND(0.0074)                |                          | ND(0.0060)               | 0.018                     | ND(0.0010)               | ND(0.0059)                    | ND(0.0066)                    |
| trans-1,2-Dichloroethene                          | ND(0.0074)                |                          | NA NA                    | ND(0.0010)                | ND(0.0010)               | ND(0.0029)                    | ND(0.0033)                    |
| trans-1,3-Dichloropropene                         | ND(0.0074)                |                          | ND(0.0060)               | ND(0.0010)                | ND(0.0010)               | ND(0.0059)                    | ND(0.0066)                    |
| trans-1,4-Dichloro-2-butene                       | ND(0.015)                 | ND(0.017)                | ND(0.018)                | ND(0.0010)                | ND(0.0010)               | ND(0.0059)                    | ND(0.0066)                    |
| Trichloroethene                                   | ND(0.0074)                |                          | ND(0.0060)               | ND(0.0010)                | ND(0.0010)               | ND(0.0059)                    | ND(0.0066)                    |
| Trichlorofluoromethane                            | ND(0.0074)                |                          | ND(0.0060)               | ND(0.0010)                | ND(0.0010)               | ND(0.012)                     | ND(0.013)                     |
| Vinyl Acetate Vinyl Chloride                      | ND(0.015)                 | ND(0.011)<br>ND(0.011)   | ND(0.012)<br>ND(0.012)   | ND(0.010)<br>ND(0.0010)   | ND(0.010)<br>ND(0.0010)  | ND(0.012)<br>ND(0.012)        | ND(0.013)                     |
| A WHIRVE LATING FROM                              | ND(0.015)                 | [ IAMIN'DII)             | ( INDIO.U IZ)            | [ 140(0.0010)             | 140(0.0010)              | 140(0.012)                    | ND(0.013)                     |

## PRE-DESIGN INVESTIGATION REPORT FOR THE NEWELL STREET AREA II REMOVAL ACTION GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

| Location ID:<br>Sample ID:<br>Sample Depth(Feet):              | RAA13-3<br>RAA13-3<br>4-6 | RB-7<br>RNRB70002<br>0-2 | RB-7<br>RNRB70204<br>2-4 | RB-8-3<br>RB-8-3<br>0-0.5 | RB-9<br>RB-9<br>0-0.5 | SL0105<br>081298BT35<br>0-0.5 | SL0124<br>081398BT27<br>0-0.5 |
|--|---------------------------|--------------------------|--------------------------|---------------------------|-----------------------|-------------------------------|-------------------------------|
| Parameter Date Collected:                                      | 05/02/01                  | 05/21/91                 | 05/21/91                 | 06/14/95                  | 06/14/95              | 08/12/98                      | 08/13/98                      |
| Semivolatile Organics  |                           |                          | ·                        |                           |                       | ·                             |                               |
| 1,2,3,4-Tetrachlorobenzene                                     | NA<br>NA                  | ND(0.37)                 | ND(0.76)                 | NA NA                     | NA NA                 | NA NA                         | NA NA                         |
| 1,2,3,5-Tetrachlorobenzene<br>1,2,3-Trichlorobenzene           | NA<br>NA                  | 0.092 JZ<br>0.11 J       | ND(0.76)<br>ND(0.76)     | NA<br>NA                  | NA<br>NA              | NA<br>NA                      | NA<br>NA                      |
| 1,2,4,5-Tetrachlorobenzene                                     | NA NA                     | 0.092 JZ                 | ND(0.76)                 | ND(0.99)                  | ND(0.99)              | ND(3.9)                       | 0.31 J                        |
| 1,2,4-Trichlorobenzene   | NA NA                     | 0.38                     | 0.096 J                  | ND(0.33)                  | ND(0.33)              | ND(3.9)                       | 0.97 J                        |
| 1,2-Dichlorobenzene  | NA                        | ND(0.37)                 | ND(0.76)                 | ND(0.66)                  | ND(0.66)              | ND(3.9)                       | ND(4.4)                       |
| 1,2-Diphenylhydrazine  | NA                        | ND(0.37)                 | ND(0.76)                 | ND(3.0)                   | ND(3.0)               | ND(3.9)                       | ND(4.4)                       |
| 1,3,5-Trichlorobenzene   | NA                        | ND(0.37)                 | ND(0.76)                 | NA                        | NA NA                 | NA NA                         | NA                            |
| 1,3,5-Trinitrobenzene  | NA :                      | ND(0.75)                 | ND(1.5)                  | ND(3.0)                   | ND(3.0)               | ND(19)                        | ND(21)                        |
| 1,3-Dichlorobenzene<br>1,3-Dinitrobenzene                      | NA<br>NA                  | ND(0.37)                 | ND(0.76)                 | ND(0.66)                  | ND(0.66)              | ND(3.9)                       | ND(4.4)                       |
| 1,4-Dichlorobenzene  | NA<br>NA                  | NA<br>ND(0.37)           | NA<br>ND(0.76)           | ND(0.99)<br>ND(0.66)      | ND(0.99)<br>ND(0.66)  | ND(3.9)<br>ND(3.9)            | ND(4,4)<br>ND(4,4)            |
| 1,4-Dinitrobenzene   | NA.                       | ND(0.75)                 | ND(1.5)                  | NA NA                     | NA NA                 | NA NA                         | ND(4.4)                       |
| 1,4-Naphthoquinone   | NA                        | ND(0.75)                 | ND(1.5)                  | ND(2.3)                   | ND(2.3)               | ND(19)                        | ND(21)                        |
| 1-Chloronaphthalene  | NA                        | ND(0.37)                 | ND(0.76)                 | NA                        | NA                    | NA                            | NA                            |
| 1-Methylnaphthalene  | NA                        | 0.052 J                  | ND(0.76)                 | NA                        | NA                    | NA                            | NA                            |
| 1-Naphthylamine  | NA                        | ND(0.75)                 | ND(1.5)                  | ND(2.3)                   | ND(2.3)               | ND(3.9)                       | ND(4.4)                       |
| 2,3,4,6-Tetrachlorophenol                                      | NA<br>NA                  | ND(0.75)                 | ND(1.5)                  | ND(2.3)                   | ND(2.3)               | ND(3.9)                       | ND(4.4)                       |
| 2,4,5-Trichlorophenol<br>2,4,6-Trichlorophenol                 | NA<br>NA                  | ND(0.75)<br>ND(0.75)     | ND(1.5)<br>ND(1.5)       | ND(1.7)<br>ND(1.7)        | ND(1.7)               | ND(3.9)                       | ND(4.4)                       |
| 2,4-Dichlorophenol   | NA<br>NA                  | ND(0.75)<br>ND(0.37)     | ND(1.5)<br>ND(0.76)      | ND(0.99)                  | ND(1.7)<br>ND(0.99)   | ND(3.9)<br>ND(3.9)            | ND(4.4)<br>ND(4.4)            |
| 2,4-Dimethylphenol   | NA<br>NA                  | 0.047 J                  | ND(0.76)                 | ND(0.99)                  | ND(0.99)              | ND(3.9)                       | ND(4.4)                       |
| 2,4-Dinitrophenol  | NA NA                     | ND(1.5)                  | ND(3.0)                  | ND(5.0)                   | ND(5.0)               | ND(19)                        | ND(21)                        |
| 2,4-Dinitrotoluene   | NA                        | ND(0.37)                 | ND(0.76)                 | ND(0.99)                  | ND(0.99)              | ND(3.9)                       | ND(4.4)                       |
| 2,6-Dichlorophenol   | NA                        | ND(0.75)                 | ND(1.5)                  | ND(1.7)                   | ND(1.7)               | ND(3.9)                       | ND(4.4)                       |
| 2,6-Dinitrotoluene   | NA                        | ND(0.37)                 | ND(0.76)                 | ND(0.66)                  | ND(0.66)              | ND(3.9)                       | ND(4.4)                       |
| 2-Acetylaminofluorene  | NA                        | ND(0.37)                 | ND(0.76)                 | ND(0.66)                  | ND(0.66)              | ND(7.8)                       | ND(8.7)                       |
| 2-Chloronaphthalene  | NA I                      | ND(0.37)                 | ND(0.76)                 | ND(0.66)                  | ND(0.66)              | ND(3.9)                       | ND(4.4)                       |
| 2-Chlorophenol 2-Methylnaphthalene                             | NA<br>NA                  | ND(0.37)<br>ND(0.37)     | ND(0.76)<br>0.41 J       | ND(0.66)<br>ND(0.66)      | ND(0.66)<br>ND(0.66)  | ND(3.9)<br>ND(3.9)            | ND(4.4)<br>ND(4.4)            |
| 2-Methylphenol   | NA<br>NA                  | ND(0.37)                 | ND(0.76)                 | ND(0.66)                  | ND(0.66)              | ND(3.9)                       | ND(4.4)                       |
| 2-Naphthylamine  | NA                        | ND(0.75)                 | ND(1.5)                  | ND(1.3)                   | ND(1.3)               | ND(3.9)                       | ND(4.4)                       |
| 2-Nitroaniline   | NA                        | ND(0.37)                 | ND(0.76)                 | ND(2.0)                   | ND(2.0)               | ND(19)                        | ND(21)                        |
| 2-Nitrophenol  | NA                        | ND(0.37)                 | ND(0.76)                 | ND(0.33)                  | ND(0.33)              | ND(3.9)                       | ND(4.4)                       |
| 2-Phenylenediamine   | NA                        | ND(0.37)                 | ND(0.76)                 | NA                        | NA                    | NA                            | NA NA                         |
| 2-Picoline   | NA NA                     | ND(0.75)                 | ND(1.5)                  | ND(3.0)                   | ND(3.0)               | ND(7.8)                       | ND(8.7)                       |
| 3&4-Methylphenol 3,3'-Dichlorobenzidine                        | NA<br>NA                  | 0.062 J<br>ND(0.37)      | ND(0.76)<br>ND(0.76)     | NA<br>ND(0.66)            | NA<br>ND(0.66)        | ND(3.9)<br>ND(19)             | ND(4.4)                       |
| 3,3'-Dimethoxybenzidine  | NA<br>NA                  | ND(0.37)                 | ND(0.76)                 | ND(0.66)                  | NA NA                 | NA NA                         | ND(21)<br>NA                  |
| 3,3'-Dimethylbenzidine   | NA NA                     | ND(0.75)                 | ND(1.5)                  | ND(6.6)                   | ND(6.6)               | ND(19)                        | ND(21)                        |
| 3-Methylcholanthrene   | NA                        | ND(0.37)                 | ND(0.76)                 | ND(0.33)                  | ND(0.33)              | ND(7.8)                       | ND(8.7)                       |
| 3-Methylphenol   | NA                        | NA                       | NA NA                    | ND(0.66)                  | ND(0.66)              | NA                            | NA NA                         |
| 3-Nitroaniline   | NA                        | ND(0.75)                 | ND(1.5)                  | ND(0.66)                  | ND(0.66)              | ND(19)                        | ND(21)                        |
| 3-Phenylenediamine   | NA<br>NA                  | ND(0.37)                 | ND(0.76)                 | NA<br>NA                  | NA NA                 | NA NA                         | NA NA                         |
| 4,4'-Methylene-bis(2-chloroaniline) 4,6-Dinitro-2-methylphenol | NA<br>NA                  | ND(0.37)<br>ND(1.1)      | ND(0.76)<br>ND(2.3)      | NA<br>ND(3.0)             | NA<br>ND(3.0)         | NA<br>ND(10)                  | NA<br>ND(21)                  |
| 4-Aminobiphenyl  | NA NA                     | ND(1.1)<br>ND(0.37)      | ND(2.3)<br>ND(0.76)      | ND(0.66)                  | ND(0.66)              | ND(19)<br>ND(19)              | ND(21)<br>ND(21)              |
| 4-Bromophenyl-phenylether                                      | NA NA                     | ND(0.37)                 | ND(0.76)                 | ND(0.99)                  | ND(0.99)              | ND(3.9)                       | ND(4.4)                       |
| 4-Chloro-3-Methylphenol  | NA                        | ND(0.37)                 | ND(0.76)                 | ND(1.3)                   | ND(1.3)               | ND(3.9)                       | ND(4.4)                       |
| 4-Chloroaniline  | NA                        | ND(0.37)                 | ND(0.76)                 | ND(1.3)                   | ND(1.3)               | ND(3.9)                       | ND(4.4)                       |
| 4-Chlorobenzilate  | NA                        | ND(0.37)                 | ND(0.76)                 | ND(0.66)                  | ND(0.66)              | ND(3.9)                       | ND(4.4)                       |
| 4-Chlorophenyl-phenylether                                     | NA<br>NA                  | ND(0.37)                 | ND(0.76)                 | ND(0.66)                  | ND(0.66)              | ND(3.9)                       | ND(4.4)                       |
| 4-Methylphenoi<br>4-Nitroaniline                               | NA<br>NA                  | NA<br>ND(0.75)           | NA<br>ND(1.5)            | ND(0.66)                  | ND(0.66)              | NA<br>NEV10)                  | NA<br>ND(21)                  |
| 4-Nitrophenol  | NA<br>NA                  | ND(0.75)<br>ND(0.37)     | ND(1.5)<br>ND(0.76)      | ND(2.0)<br>ND(3.0)        | ND(2.0)<br>ND(3.0)    | ND(19)<br>ND(19)              | ND(21)<br>ND(21)              |
| 4-Nitroquinoline-1-oxide                                       | NA                        | NA<br>NA                 | NA NA                    | ND(5.0)                   | ND(5.0)               | ND(39)                        | ND(44)                        |
| 4-Phenylenediamine   | NA                        | ND(0.37)                 | ND(0.76)                 | ND(0.99)                  | ND(0.99)              | ND(39)                        | ND(44)                        |
| 5-Nitro-o-toluidine  | NA                        | ND(0.75)                 | ND(1.5)                  | ND(2.0)                   | ND(2.0)               | ND(7.8)                       | ND(8.7)                       |
| 7,12-Dimethylbenz(a)anthracene                                 | NA                        | ND(0.37)                 | 0.080 J                  | ND(0.66)                  | ND(0.66)              | ND(7.8)                       | ND(8.7)                       |
| a,a'-Dimethylphenethylamine                                    | NA NA                     | ND(0.37)                 | ND(0.76)                 | ND(2.3)                   | ND(2.3)               | ND(19)                        | ND(21)                        |
| Acenaphthene   | NA NA                     | ND(0.37)                 | ND(0.76)                 | ND(0.66)                  | 0.73                  | 0.30 J                        | ND(4.4)                       |
| Acceptations   | NA<br>NA                  | 0.33 J                   | 1.7                      | ND(0.66)                  | 2.9                   | 1.7 J                         | ND(4.4)                       |
| Acetophenone   | NA                        | ND(0.37)                 | ND(0.76)                 | ND(1.3)                   | ND(1.3)               | ND(3.9)                       | ND(4.4)                       |

## PRE-DESIGN INVESTIGATION REPORT FOR THE NEWELL STREET AREA II REMOVAL ACTION GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

| Location ID:<br>Sample ID:<br>Sample Depth(Feet):  | RAA13-3<br>RAA13-3<br>4-6  | RB-7<br>RNRB70002<br>0-2                           | RB-7<br>RNRB70204<br>2-4                           | RB-8-3<br>RB-8-3<br>0-0.5               | RB-9<br>RB-9<br>0-0.5     | SL0105<br>081298BT35<br>0-0.5 | SL0124<br>081398BT27<br>0-0.5 |
|--|----------------------------|--|--|---|---------------------------|-------------------------------|-------------------------------|
| Parameter Date Collected:  | 05/02/01                   | 05/21/91   | 05/21/91   | 06/14/95                                | 06/14/95                  | 08/12/98                      | 08/13/98                      |
| Semivolatile Organics(continued)   |                            |  |  |   |                           |                               |                               |
| Aniline  | NA                         | 0.61   | 0.50 J   | ND(0.99)                                | ND(0.99)                  | 7.2                           | 6.5                           |
| Anthracene<br>Aramite  | NA                         | 0.12 J   | 0.40 J   | ND(0.66)                                | 1.5                       | 1.0 J                         | 0. <b>33</b> J                |
| Benzal chloride  | NA NA                      | NA<br>NA   | NA NA  | ND(1.3)                                 | ND(1.3)                   | ND(19)                        | ND(21)                        |
| Benzidine  | NA<br>NA                   | ND(0.37)<br>ND(0.37)                               | ND(0.76)<br>ND(0.76)                               | NA<br>NEVA S                            | NA NA                     | NA NA                         | NA NA                         |
| Benzo(a)anthracene   | NA NA                      | 0.52   | 1.9  | ND(3.3)<br>ND(0.66)                     | ND(3.3)<br>6.8            | ND(39)<br>3.0 J               | ND(44)                        |
| Benzo(a)pyrene   | NA NA                      | 0.59   | 3.8  | ND(0.66)                                | 6.7                       | 3.5 J                         | 1.0 J<br>1.4 J                |
| Benzo(b)fluoranthene   | NA                         | 1.3 JZ   | 5.5 Z  | ND(0.66)                                | 10                        | 3.2 J                         | 2.6 J                         |
| Benzo(g,h,i)perylene   | NA                         | 0.47   | 2.9  | ND(0.66)                                | 2.4                       | 1.1 J                         | 0.58 J                        |
| Benzo(k)fluoranthene   | NA                         | 1.3 JZ   | 5.5 Z  | ND(0.66)                                | 2.0                       | 2.4 J                         | ND(4.4)                       |
| Benzoic Acid   | NA                         | ND(3.7)  | ND(7.6)  | NA                                      | NA                        | NA                            | NA                            |
| Benzotrichloride<br>Benzyl Alcohol   | NA NA                      | ND(0.75)   | ND(1.5)  | NA                                      | NA                        | NA NA                         | NA                            |
| Benzyl Chloride  | NA<br>NA                   | ND(0.37)   | ND(0.76)   | ND(1.3)                                 | ND(1.3)                   | ND(3.9)                       | ND(4.4)                       |
| bis(2-Chloroethoxy)methane   | NA<br>NA                   | ND(0.37)<br>ND(0.37)                               | ND(0.76)<br>ND(0.76)                               | NA<br>ND(0.66)                          | NA<br>ND(0.66)            | NA NA                         | NA NA                         |
| bis(2-Chloroethyl)ether  | NA NA                      | ND(0.37)   | ND(0.76)<br>ND(1.5)                                | ND(0.66)                                | ND(0.66)                  | ND(3.9)<br>ND(3.9)            | ND(4.4)                       |
| bis(2-Chloroisopropyl)ether  | NA NA                      | ND(0.37)   | ND(0.76)   | ND(0.66)                                | ND(0.66)                  | ND(3.9)<br>ND(3.9)            | ND(4.4)<br>ND(4.4)            |
| bis(2-Ethylhexyl)phthalate   | NA                         | ND(0.37)   | ND(0.76)   | ND(1.7)                                 | ND(1.7)                   | ND(3.9)                       | ND(4.4)                       |
| Butylbenzylphthalate   | NA                         | ND(0.37)   | ND(0.76)   | ND(0.66)                                | ND(0.66)                  | 0.64 J                        | ND(4.4)                       |
| Chrysene   | NA                         | 0.76   | 2.4  | ND(0.66)                                | 7.9                       | 4.5                           | 1.2 J                         |
| Cyclophosphamide   | NA                         | ND(1.8)  | ND(3.7)  | NA                                      | NA                        | NA                            | NA                            |
| Diallate   | NA NA                      | ND(0.37)   | ND(0.76)   | ND(1.3)                                 | ND(1.3)                   | ND(7.8)                       | ND(8.7)                       |
| Dibenz(a,j)acridine Dibenzo(a,h)anthracene   | NA<br>NA                   | ND(0.37)<br>0.18 J                                 | ND(0.76)   | NA                                      | NA                        | NA                            | NA                            |
| Dibenzofuran   | NA NA                      | ND(0.37)   | 0.82<br>ND(0.76)                                   | ND(0.66)<br>ND(0.66)                    | ND(0.66)                  | 0.36 J                        | ND(4.4)                       |
| Diethylphthalate   | NA NA                      | ND(0.37)   | ND(0.76)   | ND(0.99)                                | ND(0.66)<br>ND(0.99)      | ND(3.9)                       | ND(4.4)                       |
| Dimethylphthalate  | NA                         | ND(0.37)   | ND(0.76)   | ND(0.66)                                | ND(0.99)                  | ND(3.9)<br>ND(3.9)            | ND(4.4)<br>ND(4.4)            |
| Di-n-Butylphthalate  | NA                         | ND(0.37)   | ND(0.76)   | ND(0.99)                                | ND(0.99)                  | ND(3.9)                       | ND(4.4)                       |
| Di-n-Octylphthalate  | NA                         | ND(0.37)   | ND(0.76)   | ND(1.3)                                 | ND(1.3)                   | ND(3.9)                       | ND(4.4)                       |
| Dinoseb  | NA                         | NA   | NA   | NA                                      | NA NA                     | NA NA                         | NA                            |
| Diphenylamine  | NA NA                      | ND(0.37)   | ND(0.76)   | ND(2.0)                                 | ND(2.0)                   | ND(3.9)                       | ND(4.4)                       |
| Ethyl Methanesulfonate Fluoranthene  | NA                         | ND(0.37)   | ND(0.76)   | ND(1.3)                                 | ND(1.3)                   | ND(3.9)                       | ND(4.4)                       |
| Fluorene   | NA<br>NA                   | ND(0.37)<br>ND(0.37)                               | 1.5  | ND(1.3)                                 | 5.2                       | 7.0                           | ND(4.4)                       |
| Hexachlorobenzene  | NA NA                      | ND(0.37)   | 0.15 J<br>ND(0.76)                                 | ND(0.66)                                | 2.4                       | 0.69 J                        | ND(4.4)                       |
| Hexachlorobutadiene  | NA NA                      | ND(0.37)   | ND(0.76)   | ND(0.99)<br>ND(0.33)                    | ND(0.99)<br>ND(0.33)      | ND(3.9)                       | ND(4.4)                       |
| Hexachlorocyclopentadiene  | NA NA                      | ND(0.37)   | ND(0.76)   | ND(1.7)                                 | ND(0.33)                  | ND(3.9)<br>ND(19)             | ND(4.4)<br>ND(21)             |
| Hexachloroethane   | NA                         | ND(0.37)   | ND(0.76)   | ND(0.66)                                | ND(0.66)                  | ND(3.9)                       | ND(4.4)                       |
| Hexachlorophene  | NA                         | NA NA  | NA   | ND(1.3)                                 | ND(1.3)                   | NA NA                         | NA NA                         |
| Hexachlorópropene  | NA                         | ND(0.37)   | ND(0.76)   | ND(1.7)                                 | ND(1.7)                   | ND(39)                        | ND(44)                        |
| Indeno(1,2,3-cd)pyrene   | NA NA                      | 0.40   | 1.9  | ND(0.66)                                | 1.7                       | 1.1 J                         | 0.64 J                        |
| Isodrin<br>Isophorone  | NA NA                      | NA NA  | NA NA  | ND(0.99)                                | ND(0.99)                  | NA                            | NA                            |
| Isosafroie   | NA<br>NA                   | ND(0.37)<br>ND(0.75)                               | ND(0.76)   | ND(0.66)                                | ND(0.66)                  | ND(3.9)                       | ND(4.4)                       |
| Methapyrilene  | NA<br>NA                   | ND(0.75)<br>ND(0.75)                               | ND(1.5)<br>ND(1.5)                                 | ND(0.66)<br>ND(2.0)                     | ND(0.66)                  | ND(7.8)                       | ND(8.7)                       |
| Methyl Methanesulfonate  | NA NA                      | ND(0.37)   | ND(0.76)   | ND(2.0)<br>ND(1.3)                      | ND(2.0)                   | ND(19)                        | ND(21)                        |
| Naphthalene  | NA                         | 0.090 J  | 0.097 J  | ND(0.33)                                | ND(1.3)<br>1.8            | ND(3.9)<br>ND(3.9)            | ND(4.4)                       |
| Nitrobenzene   | NA                         | ND(0.37)   | ND(0.76)   | ND(1.3)                                 | ND(1.3)                   | ND(3.9)                       | ND(4.4)<br>ND(4.4)            |
| N-Nitrosodiethylamine  | NA                         | ND(0.37)   | ND(0.76)   | ND(0.99)                                | ND(0.99)                  | ND(3.9)                       | ND(4.4)                       |
| N-Nitrosodimethylamine   | NA                         | ND(0.37)   | ND(0.76)   | ND(0.99)                                | ND(0.99)                  | ND(3.9)                       | ND(4.4)                       |
| N-Nitroso-di-n-butylamine  | NA                         | ND(0.37)   | ND(0.76)   | ND(0.66)                                | ND(0.66)                  | ND(3.9)                       | ND(4.4)                       |
| N-Nitroso-di-n-propylamine   | NA NA                      | ND(0.37)   | ND(0.76)   | ND(1.3)                                 | ND(1.3)                   | ND(3.9)                       | ND(4.4)                       |
| N-Nitrosodiphenylamine   | NA NA                      | ND(0.37)   | ND(0.76)   | ND(2.0)                                 | ND(2.0)                   | ND(3.9)                       | ND(4.4)                       |
| N-Nitrosomethylethylamine N-Nitrosomorpholine  | NA NA                      | ND(0.37)   | ND(0.76)   | ND(0.99)                                | ND(0.99)                  | ND(3.9)                       | ND(4.4)                       |
| N-Nitrosopiperidine  | NA NA                      | ND(0.37)<br>ND(0.37)                               | ND(0.76)<br>ND(0.76)                               | ND(0.66)                                | ND(0.66)                  | ND(3.9)                       | ND(4.4)                       |
| · · · · · · · · · · · · · · · · · · ·  | 1.44.5                     | ND(0.37)   | ND(0.76)   | ND(0.66)<br>ND(0.99)                    | ND(0.66)                  | ND(3.9)                       | ND(4.4)                       |
| N-Nitrosopyrrolidine   | NA                         |  | 1940,103   | 170(0.00)                               | ND(0.99)                  | ND(3.9)                       | ND(4.4)                       |
| N-Nitrosopyrrolidine p,o,o-Triethylphosphorothioate  | NA<br>NA                   |  |  | ND/7 31                                 | ND(7.3)                   | MA                            | MA                            |
|  | NA<br>NA<br>NA             | NA   | NA NA  | ND(7.3)<br>ND(1.7)                      | ND(7.3)<br>ND(1.7)        | NA<br>ND(7.8)                 | NA<br>ND(8.7)                 |
| o,o,o-Triethylphosphorothioate<br>o-Toluidine<br>Paraldehyde                                       | NA                         |  |  | ND(1.7)                                 | ND(1.7)                   | ND(7.8)                       | ND(8.7)                       |
| p.o.oTriethylphosphorothioate p-Toluidine Paraldehyde p-Dimethylaminoazobenzene                    | NA<br>NA                   | NA<br>ND(0.37)<br>ND(0.37)<br>ND(0.37)             | NA<br>ND(0.76)                                     | *************************************** | ~                         | ND(7.8)<br>NA                 | ND(8.7)<br>NA                 |
| p.o.oTriethylphosphorothioate p-Toluidine Paraldehyde p-Dimethylaminoazobenzene Pentachlorobenzene | NA<br>NA<br>NA<br>NA<br>NA | NA<br>ND(0.37)<br>ND(0.37)<br>ND(0.37)<br>ND(0.37) | NA<br>ND(0.76)<br>ND(0.76)<br>ND(0.76)<br>ND(0.76) | ND(1.7)<br>NA                           | ND(1.7)<br>NA             | ND(7.8)                       | ND(8.7)                       |
| p.o.oTriethylphosphorothioate p-Toluidine Paraldehyde p-Dimethylaminoazobenzene                    | NA<br>NA<br>NA<br>NA       | NA<br>ND(0.37)<br>ND(0.37)<br>ND(0.37)             | NA<br>ND(0.76)<br>ND(0.76)<br>ND(0.76)             | ND(1.7)<br>NA<br>ND(0.66)               | ND(1.7)<br>NA<br>ND(0.66) | ND(7.8)<br>NA<br>ND(3.9)      | ND(8.7)<br>NA<br>ND(4.4)      |

| Location ID:<br>Sample ID:<br>Sample Depth(Feet):<br>Parameter Date Collected: | RAA13-3<br>RAA13-3<br>4-6<br>05/02/01  | RB-7<br>RNRB70002<br>0-2<br>05/21/91 | RB-7<br>RNRB70204<br>2-4<br>05/21/91 | RB-8-3<br>RB-8-3<br>0-0.5<br>06/14/95 | RB-9<br>RB-9<br>0-0.5<br>06/14/95 | SL0105<br>081298BT35<br>0-0.5<br>08/12/98 | SL0124<br>081398BT27<br>0-0.5<br>08/13/98 |
|--|--|--------------------------------------|--------------------------------------|---------------------------------------|-----------------------------------|---|---|
| Semivolatile Organics(continued)   |  |                                      |                                      |                                       |                                   |   | <u> </u>                                  |
| Pentachiorophenol  | NA   | ND(0.75)                             | ND(1.5)                              | ND(3.6)                               | ND(3.6)                           | ND(19)                                    | ND(21)                                    |
| Phenacetin   | NA   | ND(0,37)                             | ND(0.76)                             | ND(1.3)                               | ND(1.3)                           | ND(7.8)                                   | ND(8.7)                                   |
| Phenanthrene   | NA   | 0.38                                 | 0.46 J                               | 1.0                                   | 6.3                               | 6.6                                       | 1.3 J                                     |
| Phenol   | NA.  | 0.43                                 | 0.18 J                               | ND(0.99)                              | ND(0.99)                          | ND(3.9)                                   | 0.94 J                                    |
| Pronamide  | NA   | ND(0.37)                             | ND(0.76)                             | ND(0.99)                              | ND(0.99)                          | ND(7.8)                                   | ND(8.7)                                   |
| Pyrene   | NA   | ND(0.37)                             | 2.5                                  | 1.8                                   | 13                                | 7.1                                       | 0.96 J                                    |
| Pyridine   | NA   | ND(0.37)                             | ND(0.76)                             | NA NA                                 | NA NA                             | ND(7.8)                                   | ND(8.7)                                   |
| Safrole  | NA   | ND(0.37)                             | ND(0.76)                             | ND(0.33)                              | ND(0.33)                          | ND(7.8)                                   | ND(8.7)                                   |
| Thionazin  | NA   | ND(0.37)                             | ND(0.76)                             | ND(3.0)                               | ND(3.0)                           | NA  | NA NA                                     |
| Organochlorine Pesticides  |  |                                      | \\                                   | , , , , ,                             |                                   |   |   |
| 4.4'-DDD   | NA   | ND(0.17)                             | ND(0.017)                            | NA                                    | NA NA                             | NA  | NA  |
| 4,4'-DDE   | NA.  | ND(0.17)                             | ND(0.017)                            | NA NA                                 | NA NA                             | NA NA                                     | NA NA                                     |
| 4,4'-DDT   | NA   | ND(0.17)                             | ND(0.017)                            | NA                                    | NA NA                             | NA  | NA NA                                     |
| Aldrin   | NA NA  | ND(0.050)                            | ND(0.0050)                           | NA NA                                 | NA NA                             | NA NA                                     | NA NA                                     |
| Alpha-BHC  | NA NA  | ND(0.050)                            | ND(0.0050)                           | NA NA                                 | NA NA                             | NA NA                                     | NA NA                                     |
| Beta-BHC   | NA   | ND(0.050)                            | ND(0.0050)                           | NA.                                   | NA NA                             | NA  | NA NA                                     |
| Delta-BHC  | NA   | ND(0.050)                            | ND(0.0050)                           | NA NA                                 | NA NA                             | NA  | NA NA                                     |
| Dieldrin   | NA   | ND(0.075)                            | ND(0.0075)                           | NA                                    | NA NA                             | NA  | NA  |
| Endosulfan I   | NA   | ND(0.075)                            | ND(0.0075)                           | NA                                    | NA NA                             | NA  | NA  |
| Endosulfan II  | NA   | ND(0.17)                             | ND(0.017)                            | NA                                    | NA                                | NA  | NA  |
| Endosulfan Sulfate   | NA   | ND(0.10)                             | ND(0.010)                            | NA                                    | NA NA                             | NA  | NA  |
| Endrin   | NA   | ND(0.12)                             | ND(0.012)                            | NA                                    | NA                                | NA  | NA  |
| Endrin Aldehyde  | NA   | ND(0.050)                            | ND(0.0050)                           | NA                                    | NA                                | NA  | NA  |
| Gamma-BHC (Lindane)  | NA   | ND(0.050)                            | ND(0.0050)                           | NA ·                                  | NA                                | NA  | NA  |
| Heptachlor   | NA   | ND(0.050)                            | ND(0.0050)                           | NA                                    | NA                                | NA  | NA  |
| Heptachlor Epoxide   | NA   | ND(0.050)                            | ND(0.0050)                           | NA                                    | NA                                | NA  | NA  |
| Kepone   | NA   | ND(0.050)                            | ND(0.0050)                           | NA                                    | NA                                | NA  | NA  |
| Methoxychlor   | NA   | ND(0.17)                             | ND(0.017)                            | NA NA                                 | NA                                | NA  | NA  |
| Technical Chlordane  | NA   | ND(0.20)                             | ND(0.020)                            | NA                                    | NA                                | NA  | NA  |
| Toxaphene  | NA   | ND(0.99)                             | ND(0.10)                             | NA                                    | NA                                | NA  | NA  |
| Organophosphate Pesticides   |  |                                      |                                      |                                       |                                   |   |   |
| Dimethoate   | NA   | ND(0.37)                             | ND(0.76)                             | NA                                    | NA                                | NA  | NA  |
| Disulfoton   | NA   | NA                                   | NA NA                                | NA                                    | NA                                | NA  | NA  |
| Ethyl Parathion  | NA   | NA                                   | - NA                                 | NA                                    | NA                                | NA  | NA  |
| Famphur  | NA   | NA                                   | NA                                   | NA                                    | NA                                | NA  | NA  |
| Methyl Parathion   | NA   | NA                                   | NA                                   | NA                                    | NA                                | NA  | NA  |
| Phorate  | NA   | NA                                   | NA NA                                | NA                                    | NA                                | NA  | NA  |
| Sulfotep   | NA   | NA                                   | NA NA                                | NA                                    | NA                                | NA  | NA  |
| Herbicides   |  |                                      |                                      |                                       | 7-1                               |   |   |
| 2,4,5-T  | NA   | ND(0.10)                             | ND(0.058)                            | NA                                    | NA                                | NA  | NA  |
| 2,4,5-TP   | NA   | ND(0.10)                             | ND(0.058)                            | NA                                    | NA                                | NA  | NA  |
| 2,4-D  | NA   | ND(0.40)                             | ND(0.23)                             | NA                                    | NA                                | NA  | NA  |
| Dinoseb  | NA   | NA                                   | NA                                   | NA                                    | NA                                | ND(7.8)                                   | ND(8.7)                                   |
| Furans   |  |                                      |                                      |                                       |                                   |   | · · · · · · · · · · · · · · · · · · ·     |
| 2,3,7,8-TCDF   | NA   | Rejected                             | Rejected                             | 0.000094                              | ND(0.000034)                      | NA  | NA  |
| TCDFs (total)  | NA   | Rejected                             | Rejected                             | 0.00080                               | ND(0.000034)                      | NA  | NA  |
| 1,2,3,7,8-PeCDF  | NA   | NA                                   | NA                                   | 0.000069                              | 0.000033                          | NA  | NA  |
| 2,3,4,7,8-PeCDF  | NA   | NA                                   | NA NA                                | 0.000091                              | ND(0.000016)                      | NA  | NA  |
| PeCDFs (total)   | NA   | Rejected                             | Rejected                             | 0.0010                                | 0.000053                          | NA  | NA  |
| 1,2,3,4,7,8-HxCDF  | NA   | NA                                   | NA NA                                | 0.00014                               | 0.000013                          | NA  | NA  |
| 1,2,3,6,7,8-HxCDF  | NA   | NA                                   | NA NA                                | 0.000070                              | 0.000011                          | NA  | NA  |
| 1,2,3,7,8,9-HxCDF  | NA   | NA                                   | NA                                   | 0.000047                              | ND(0.0000049)                     | NA  | NA  |
| 2,3,4,6,7,8-HxCDF  | NA   | NA                                   | NA NA                                | 0.000056                              | ND(0.000040)                      | NA  | NA  |
| HxCDFs (total)   | NA   | Rejected                             | Rejected                             | 0.00096                               | 0.000076                          | NA NA                                     | NA NA                                     |
| 1,2,3,4,5,7,8-HpCDF  | Company of the compan | NA NA                                | NA                                   | 0.00017                               | 0.000019                          | NA NA                                     | NA  |
| · · · · · · · · · · · · · · · · · · ·  | NA   | 111/0                                |                                      |                                       |                                   |   |   |
| 1,2,3,4,7,8,9-HpCDF  | NA<br>NA   | NA NA                                | NA NA                                | 0.000041                              | ND(0.0000043)                     |   | NA  |
| 1,2,3,4,7,8,9-HpCDF<br>HpCDFs (total)  | <del></del>  |                                      |                                      |                                       |                                   | NA<br>NA                                  | NA<br>NA                                  |

| Location ID:<br>Sample ID: | RAA13-3<br>RAA13-3 | RB-7<br>RNRB70002 | RB-7<br>RNRB70204 | RB-8-3<br>RB-8-3 | RB-9<br>RB-9      | SL0105<br>081298BT35 | SL0124<br>081398BT27 |
|----------------------------|--------------------|-------------------|-------------------|------------------|-------------------|----------------------|----------------------|
| Sample Depth(Feet):        |                    | 0-2               | 2-4               | 0-0.5            |                   |                      |                      |
| Parameter Date Collected:  | 05/02/01           | 05/21/91          | 05/21/91          | 06/14/95         | 0-0.5<br>06/14/95 | 0-0.5<br>08/12/98    | 0-0.5<br>08/13/98    |
| Dioxins                    | 1 00,0201          | 00/2//01          | 1 .00/21/01       | 0014/30          | 00/14/33          | V0; 12/30            | , Vol (3/98          |
| 2.3.7.8-TCDD               | l NA               | Rejected          | Rejected          | 0.0000064        | ND(0.0000074)     | NA NA                | NA                   |
| TCDDs (total)              | NA NA              | Rejected          | Rejected          | 0.000004         | ND(0.0000074)     | NA<br>NA             | NA<br>NA             |
| 1,2,3,7,8-PeCDD            | NA NA              | NA NA             | NA NA             | ND(0.0000058)    | ND(0.0000074)     |                      |                      |
| PeCDDs (total)             | NA NA              | Rejected          | Rejected          | ND(0.0000058)    | ND(0.0000078)     | NA<br>NA             | NA<br>NA             |
| 1,2,3,4,7,8-HxCDD          | NA NA              | NA NA             | NA NA             | 0.0000030        | ND(0.0000078)     | NA<br>NA             | NA<br>NA             |
| 1,2,3,6,7,8-HxCDD          | NA NA              | NA NA             | NA NA             | 0.0000040        | ND(0.000014)      | NA NA                | NA NA                |
| 1,2,3,7,8,9-HxCDD          | NA NA              | NA NA             | NA NA             | 0.0000040        | ND(0.000012)      | NA<br>NA             | NA<br>NA             |
| HxCDDs (total)             | NA NA              | Rejected          | Rejected          | 0.0000030        | ND(0.000012)      | NA NA                | NA<br>NA             |
| 1,2,3,4,6,7,8-HpCDD        | NA NA              | NA NA             | NA NA             | 0.000030         | ND(0.000014)      | NA<br>NA             | NA<br>NA             |
| HpCDDs (total)             | NA NA              | Rejected          | Rejected          | 0.000057         | ND(0.000022)      | NA NA                |                      |
| OCDD                       | NA NA              | Rejected          | Rejected          | 0.000037         | 0.00015           | NA<br>NA             | NA<br>NA             |
| Total TEQs (WHO TEFs)      | NA NA              | NC NC             | NC NC             | 0.00011          | 0.000020          | NA<br>NA             | NA<br>NA             |
| Inorganics                 | 1 11/1             | 1110              | 1 140             | 0.00010          | 0.000020          | IVA                  | NA                   |
| Aluminum                   | NA                 | 9450              | 6920              | NA NA            | NA                | NA                   | NA                   |
| Antimony                   | NA NA              | ND(2.60) N        | ND(2.60) N        | 1.50             | 1.27              | 9.90                 | 11.5                 |
| Arsenic                    | NA NA              | 7.90              | 3.70              | 11.3             | 6.34              | 8.00                 | 12.6                 |
| Barium                     | NA NA              | 35.6 *            | 93.4 *            | 26.9             | 20.7              | 75.1                 | 404                  |
| Bervilium                  | NA NA              | 0.300 B           | 0.240 B           | 0.224            | 0.214             | 0.260 B              | 0.590 B              |
| Cadmium                    | NA NA              | ND(0.470)         | 0.940             | 2.59             | 2.15              | 0.940                | 0.590 B<br>5.40      |
| Calcium                    | NA NA              | 7830 E            | 4070 E            | NA NA            | NA NA             | NA                   | 5.40<br>NA           |
| Chromium                   | NA NA              | 9,30              | 25.5              | 15.3             | 9.66              | 35.2                 | 112                  |
| Cobalt                     | NA NA              | 11.6              | 7.40              | 13.3             | 10,1              | 10.7                 | 20.4                 |
| Copper                     | NA.                | 17.8              | 184               | 90.1             | 28.5              | 411                  | 2460                 |
| Cyanide                    | NA                 | ND(0.570)         | ND(0.590)         | ND(4.00)         | ND(4.00)          | ND(2.90)             | ND(3.30)             |
| Iron                       | NA NA              | 24400 E           | 15400 E           | NA NA            | NA NA             | NA                   | NA                   |
| Lead                       | NA                 | 15.3 *            | 123 *             | 65.4             | 45.4              | 732                  | 1940                 |
| Magnesium                  | NA                 | 6490              | 4840              | NA NA            | NA NA             | NA NA                | NA NA                |
| Manganese                  | NA                 | 633 E*            | 269 E*            | NA NA            | NA NA             | NA NA                | NA NA                |
| Mercury                    | NA                 | 3.00              | 0.350             | ND(0.167)        | 2.20              | 0.190                | 1.60                 |
| Nickel                     | NA                 | 19.6              | 16.0              | 22,4             | 16.4              | 33.7                 | 93.1                 |
| Potassium                  | NA.                | 437 B             | 446 B             | NA NA            | NA NA             | NA NA                | NA NA                |
| Selenium                   | NA.                | ND(0.350) WN      | ND(0.360) WN      | 1.49             | 1.32              | 0.950                | 3.00                 |
| Silver                     | NA                 | ND(0.580) N       | ND(0.600) N       | ND(0.0430)       | ND(0.0430)        | 0.900 B              | 8.80                 |
| Sodium                     | NA                 | 50.8 B            | 132 B             | NA NA            | NA NA             | NA NA                | NA                   |
| Sulfide                    | NA NA              | NA                | NA NA             | ND(10.0)         | ND(200)           | ND(235)              | ND(264)              |
| Thallium                   | NA                 | ND(3.50) N        | ND(7.10) WN       | ND(0.136)        | ND(0.136)         | 0.850 B              | 1.00 B               |
| Tin                        | NA.                | NA NA             | NA NA             | 19.0             | 12.8              | 74.8                 | 1.00 B               |
| Vanadium                   | NA                 | 15.6              | 12.5              | 21.0             | 13.2              | 20.0                 | 23.8                 |
| Zinc                       | NA                 | 82.7 E            | 291 E             | 137              | 93.2              | 657                  | 2290                 |
| Conventional Parameters    | <del>*</del>       |                   |                   | 1 10.            | 00.4              | 557                  | <u> </u>             |
| Total Phenois              | NA                 | 0.43              | 0.32              | NA               | NA T              | NA I                 | NA                   |
|                            | ·····              | L                 |                   |                  | 1471              | 11/7                 | INC                  |

### PRE-DESIGN INVESTIGATION REPORT FOR THE NEWELL STREET AREA II REMOVAL ACTION GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

(Results are presented in dry weight parts per million, ppm)

#### Notes

- 1. Samples were collected and analyzed by General Electric Company subcontractors for Appendix IX + 3 constituents.
- 2. ND Analyte was not detected. The number in parentheses is the associated detection limit.
- 3. NA Not Analyzed Laboratory did not report results for this analyte.
- 4. NR Not Reported. Data for this parameter group was entered from summary data tables and not the laboratory report form.
- 5. Total 2,3,7,8-TCDD toxicity equivalents (TEQs) were calculated using Toxicity Equivalency Factors (TEFs) derived by the World Health Organization (WHO) and published by Van den Berg et al. in Environmental Health Perspectives 106(2), December 1998.
- 6. NC Not Calculated Insufficient data to calculate TEQ.
- 7. Rejected Rejected according to Table 2 of the Newell Street Area II Pre-Design Investigation Work Plan Addendum; May 21, 2002; BBL.

#### Data Qualifiers:

#### Organics (volatiles, PCBs, semivolatiles, dioxin/furans)

- B Analyte was also detected in the associated method blank.
- D Compound quantitated using a secondary dilution.
- E Analyte exceeded calibration range.
- 1 Polychlorinated Diphenyl Ether (PCDPE) Interference.
- J Indicates that the associated numerical value is an estimated concentration.
- V Indicates an elevated detection limit due to chemical interference.
- X Estimated Maximum Possible Concentration
- Y 2.3.7.8-TCDF results have been confirmed on a DB-225 column.
- Z Co eluting isomers could not be chromatographically resolved in the sample.

#### Inorganics

- B Indicates an estimated value between the instrument detection limit (IDL) and practical quantitation limit (PQL).
- N Indicates sample matrix spike analysis was outside control limits.
- E Serial dilution results not within 10%. Applicable only if analyte concentration is at least 50X the IDL in original sample.
- W GFAA Analytical spike recovery outside of range of 85% to 115% in a sample which exhibits a low concentration of analyte.

  Unspiked response must be < 50% of spiked sample response.
- \* Indicates laboratory duplicate analysis was outside control limits.
- A Analyte determination by the method of standard additions (MSA).

|   | Location ID:<br>Sample ID:<br>Sample Depth(Feet): | SL0105<br>081298BT35<br>0-0.5 | SL0124<br>081398BT27<br>0-0.5 | SL0114<br>081398CT27<br>1-1.5 | SL0131<br>081498CT04<br>0-0.5 | SL0475<br>091098 <b>M</b> K19<br>1-1.5 | SL0490<br>091198MK16<br>0-0.5 | SL0516<br>091598MS02<br>1-1.5 |
|---|---|-------------------------------|-------------------------------|-------------------------------|-------------------------------|--|-------------------------------|-------------------------------|
| Parameter   | Date Collected:                                   | 08/12/98                      | 08/13/98                      | 08/13/98                      | 08/14/98                      | 09/10/98                               | 09/11/98                      | 09/15/98                      |
| Volatile Organics                                     |   |                               |                               |                               |                               |  |                               |                               |
| 1,1,1,2-Tetrachloroe                                  |   | NS                            | NS                            | NS                            | NS                            | NS                                     | NS                            | NS                            |
| 1,1,1-Trichloroethan                                  |   | NS                            | NS                            | NS                            | NS                            | NS                                     | NS                            | NS                            |
| 1,1,2,2-Tetrachloroe                                  |   | NS                            | NS                            | NS                            | NS                            | NS                                     | NS                            | NS                            |
| 1.1,2-Trichloroethan                                  | e   | NS                            | NS                            | NS                            | NS                            | NS                                     | NS                            | NS                            |
| 1,1-Dichloroethane                                    |   | NS                            | NS                            | NS                            | NS                            | NS                                     | NS                            | NS                            |
| 1,1-Dichloroethene                                    |   | NS<br>NS                      | NS<br>NS                      | NS                            | NS<br>NS                      | NS                                     | NS<br>NS                      | NS                            |
| 1,2,3-Trichloropropa<br>1,2-Dibromo-3-chior           |   | NS<br>NS                      | NS<br>NS                      | NS<br>NS                      | NS<br>NS                      | NS<br>NS                               | NS<br>NS                      | NS<br>NS                      |
| 1,2-Dibromo-3-chior                                   | opropane  | NS<br>NS                      | NS<br>NS                      | NS NS                         | NS<br>NS                      | NS<br>NS                               | NS<br>NS                      | NS<br>NS                      |
| 1,2-Dichloroethane                                    |   | NS<br>NS                      | NS<br>NS                      | NS<br>NS                      | NS NS                         | NS<br>NS                               | NS<br>NS                      | NS<br>NS                      |
| 1,2-Dichloropropane                                   |   | NS NS                         | NS<br>NS                      | NS NS                         | NS NS                         | NS NS                                  | NS NS                         | NS NS                         |
| 1,4-Dioxane   |   | NS NS                         | NS<br>NS                      | NS NS                         | NS NS                         | NS NS                                  | NS                            | NS NS                         |
| 2-Butanone  |   | NS NS                         | NS NS                         | NS                            | NS NS                         | NS                                     | NS NS                         | NS NS                         |
| 2-Chioro-1,3-butadi                                   | ene   | NS                            | NS                            | NS                            | NS NS                         | NS                                     | NS                            | NS                            |
| 2-Chloroethylvinylet                                  |   | NS NS                         | NS                            | NS                            | NS                            | NS                                     | NS                            | NS                            |
| 2-Hexanone  |   | NS                            | NS                            | NS                            | NS                            | NS                                     | NS                            | NS                            |
| 3-Chloropropene                                       |   | NS                            | NS                            | NS                            | NS                            | NS                                     | NS                            | NS                            |
| 4-Methyl-2-pentano                                    | ne  | NS                            | NS                            | NS                            | NS                            | NS                                     | NS                            | NS                            |
| Acetone   |   | NS                            | NS                            | NS                            | NS                            | NS                                     | NS                            | NS                            |
| Acrolein  |   | NS                            | NS                            | NS                            | NS                            | NS                                     | NS                            | NS                            |
| Acrylonitrile   |   | NS                            | NS                            | NS                            | NS                            | NS                                     | NS                            | NS                            |
| Benzene   |   | NS                            | NS                            | NS                            | NS                            | NS                                     | NS                            | NS                            |
| Bromodichlorometh                                     | ane   | NS                            | NS                            | NS                            | NS                            | NS                                     | NS                            | NS                            |
| Bromoform   |   | NS                            | NS                            | NS                            | NS                            | NS                                     | NS                            | NS                            |
| Bromomethane  |   | NS                            | NS                            | NS                            | NS                            | NS                                     | NS                            | NS                            |
| Carbon Disulfide                                      |   | NS                            | NS                            | NS                            | NS                            | NS                                     | NS                            | NS                            |
| Carbon Tetrachloric                                   | le  | NS                            | NS                            | NS                            | NS                            | NS                                     | NS                            | NS                            |
| Chlorobenzene   |   | NS                            | NS                            | NS                            | NS                            | NS                                     | NS                            | NS                            |
| Chloroethane  |   | NS                            | NS                            | NS                            | NS                            | NS                                     | NS                            | NS                            |
| Chloroform  |   | NS<br>NS                      | NS                            | NS                            | NS<br>NS                      | NS                                     | NS                            | NS                            |
| Chloromethane   |   | NS<br>NS                      | NS                            | NS                            | NS NS                         | NS NS                                  | NS NS                         | NS_                           |
| cis-1,2-Dichloroethe                                  |   | NS<br>NS                      | NS<br>NS                      | NS<br>NS                      | NS<br>NS                      | NS<br>NS                               | NS<br>NS                      | NS<br>NS                      |
| cis-1,3-Dichloroproproproproproproproproproproproprop |   | NS<br>NS                      | NS NS                         | NS NS                         | NS NS                         | NS<br>NS                               | NS NS                         | NS<br>NS                      |
| Dibromomethane  | arie  | NS<br>NS                      | NS<br>NS                      | NS<br>NS                      | NS NS                         | NS<br>NS                               | NS<br>NS                      | NS NS                         |
| Ethyl Methacrylate                                    |   | NS<br>NS                      | NS NS                         | NS NS                         | NS NS                         | NS NS                                  | NS NS                         | NS NS                         |
| Ethylbenzene  |   | NS                            | NS                            | NS NS                         | NS NS                         | NS                                     | NS NS                         | NS NS                         |
| Freon 12  | <del></del>                                       | NS                            | NS<br>NS                      | NS NS                         | NS                            | NS                                     | NS                            | NS                            |
| lodomethane   |   | NS                            | NS                            | NS                            | NS                            | NS                                     | NS                            | NS                            |
| Isobutanol  |   | NS                            | NS                            | NS                            | NS                            | NS                                     | NS                            | NS                            |
| m&p-Xylene  |   | NS                            | NS                            | NS                            | NS                            | NS                                     | NS                            | NS                            |
| Methacrylonitrile                                     |   | NS                            | NS                            | NS                            | NS                            | NS                                     | NS                            | NS                            |
| Methyl Methacrylate                                   | 3   | NS                            | NS                            | NS                            | NS                            | NS                                     | NS                            | NS                            |
| Methyl tert-butyl eth                                 | ner   | NS                            | NS                            | NS                            | NS                            | NS                                     | NS                            | NS                            |
| Methylene Chloride                                    |   | NS                            | NS                            | NS                            | NS                            | NS                                     | NS                            | NS                            |
| o-Xylene  |   | NS                            | NS                            | NS                            | NS                            | NS                                     | NS                            | NS                            |
| Propionitrile   |   | NS                            | NS                            | NS                            | NS                            | NS                                     | NS                            | NS                            |
| Styrene   |   | NS NS                         | NS NS                         | NS                            | NS                            | NS                                     | NS                            | NS                            |
| Tetrachloroethene                                     |   | NS                            | NS                            | NS NS                         | NS NS                         | NS NS                                  | NS                            | NS                            |
| Toluene   | 15  | NS<br>NS                      | NS NS                         | NS                            | NS<br>NS                      | NS<br>NS                               | NS NS                         | NS                            |
| trans-1,2-Dichloroe                                   |   | NS<br>NS                      | NS                            | NS<br>NS                      | NS<br>NS                      | NS<br>NS                               | NS<br>NS                      | NS<br>NS                      |
| trans-1,3-Dichlorop                                   |   | NS<br>NS                      | NS<br>NS                      | NS<br>NS                      | NS                            | NS<br>NS                               | NS                            | NS<br>NS                      |
| trans-1,4-Dichloro-                                   | c-putene  | NS<br>NS                      | NS<br>Ne                      | NS<br>NS                      | NS<br>NS                      | NS<br>NS                               | NS<br>NC                      | NS<br>NS                      |
| Trichloroethene                                       | en a  | NS<br>NS                      | NS<br>NS                      |                               | NS<br>NS                      | NS<br>NS                               | NS<br>NS                      | NS<br>NS                      |
| Trichlorofluorometh                                   | Mile  | NS<br>NS                      | NS<br>NS                      | NS<br>NS                      | NS<br>NS                      | NS<br>NS                               | NS<br>NS                      | NS<br>NS                      |
| Vinyl Acetate Vinyl Chloride                          |   | NS<br>NS                      | NS NS                         | NS<br>NS                      | NS<br>NS                      | NS<br>NS                               | NS<br>NS                      | NS<br>NS                      |
|   |   | 114-2                         | 1 140                         | 5¥3                           | : INO                         | F43                                    | e ino                         | NS                            |

| Location ID:<br>Sample ID:                        | SL0105<br>081298BT35 | SL0124<br>081398BT27 | SL0114<br>081398CT27 | SL0131<br>081498CT04 | SL0475<br>091098MK19    | SL0490<br>091198MK16 | SL0516<br>091598MS02 |
|---|----------------------|----------------------|----------------------|----------------------|-------------------------|----------------------|----------------------|
| Sample Depth(Feet): Parameter Date Collected:     | 0-0.5<br>08/12/98    | 0-0.5<br>08/13/98    | 1-1,5<br>08/13/98    | 0-0.5<br>08/14/98    | 1-1.5<br>09/10/98       | 0-0.5<br>09/11/98    | 1-1.5<br>09/15/98    |
| Semivolatile Organics                             | 00112700             | 00/10/50             | 00/10/00             | 00/1-450             | 03/10/30                | 05/1/130             | 05/15/50             |
| 1,2,4,5-Tetrachlorobenzene                        | 0.30 J               | 0.41 J               | ND(0.35)             | ND(0.38)             | 0.49 J                  | 0.060 J              | ND(0.34)             |
| 1,2,4-Trichlorobenzene                            | 0.14 J               | 6.6                  | ND(0.35)             | 0.090 J              | 0.19 J                  | 0.41                 | 0.12 J               |
| 1,2-Dichlorobenzene                               | ND(0.68)             | 0.10 J               | ND(0.35)             | ND(0.38)             | ND(0.70)                | ND(0.36)             | ND(0.34)             |
| 1,3,5-Trinitrobenzene<br>1,3-Dichlorobenzene      | ND(0.68)<br>ND(0.68) | ND(0.44)             | ND(0.35)             | ND(0.38)             | ND(0.70)                | ND(0.36)             | ND(0.34)             |
| 1,3-Dinitrobenzene                                | ND(0.68)             | 0.073 J<br>ND(0.44)  | ND(0.35)<br>ND(0.35) | ND(0.38)<br>ND(0.38) | ND(0.70)<br>ND(0.70)    | ND(0.36)<br>ND(0.36) | ND(0.34)<br>ND(0.34) |
| 1,4-Dichlorobenzene                               | ND(0.68)             | 0.21 J               | ND(0.35)             | 0.057 J              | ND(0.70)                | 0.22 J               | 0.083 J              |
| 1,4-Naphthoquinone                                | ND(0.68)             | ND(0.44)             | ND(0.35)             | ND(0.38)             | ND(0.70)                | ND(0.36)             | ND(0.34)             |
| 1-Naphthylamine                                   | ND(0.68)             | ND(0.44)             | ND(0.35)             | ND(0.38)             | ND(0.70)                | ND(0.36)             | ND(0.34)             |
| 2,3,4,6-Tetrachiorophenol                         | ND(0.68)<br>ND(1.7)  | ND(0.44)<br>ND(1.1)  | ND(0.35)<br>ND(0.87) | ND(0.38)             | ND(0.70)                | ND(0.36)<br>ND(0.90) | ND(0.34)             |
| 2,4,6-Trichlorophenol                             | ND(0.68)             | ND(1.1)<br>ND(0.44)  | ND(0.35)             | ND(0.96)<br>ND(0.38) | ND(1.8)<br>ND(0.70) J   | ND(0.36)             | ND(0.86)<br>ND(0.34) |
| 2,4-Dichlorophenol                                | ND(0.68)             | ND(0.44)             | ND(0.35)             | ND(0.38)             | ND(0.70)                | ND(0.36)             | ND(0.34)             |
| 2.4-Dimethylphenol                                | ND(0.68)             | 0.25 J               | ND(0.35) J           | ND(0.38) J           | ND(0.70) J              | ND(0.36)             | ND(0.34)             |
| 2,4-Dinitrophenol                                 | ND(1.7)              | ND(1.1) J            | ND(0.87) J           | ND(0.96)             | ND(1.8)                 | ND(0.90)             | ND(0.86)             |
| 2,4-Dinitrotoluene<br>2,6-Dichlorophenol          | ND(0.68)             | ND(0.44)<br>ND(0.44) | ND(0.35)             | ND(0.38)             | ND(0.70)                | ND(0.36)             | ND(0.34)             |
| 2,6-Dinitrotoluene                                | ND(0.68)<br>ND(0.68) | ND(0.44)             | ND(0.35)<br>ND(0.35) | ND(0.38)<br>ND(0.38) | ND(0.70)<br>ND(0.70)    | ND(0.36)<br>ND(0.36) | ND(0.34)<br>ND(0.34) |
| 2-Acetylaminofluorene                             | ND(0.68)             | ND(0.44)             | ND(0.35)             | ND(0.38)             | ND(0.70)                | ND(0.36)             | ND(0.34)             |
| 2-Chloronaphthalene                               | ND(0.68)             | ND(0.44) J           | ND(0.35) J           | ND(0.38) J           | ND(0.70) J              | ND(0.36)             | ND(0.34)             |
| 2-Chiorophenol                                    | ND(0.68)             | ND(0.44)             | ND(0.35)             | ND(0.38)             | ND(0.70)                | ND(0.36)             | ND(0.34)             |
| 2-Methylphenol                                    | 0.47 J<br>0.11 J     | ND(0.44)<br>0.23 J   | 0.16 J               | ND(0.38)             | ND(0.70)                | ND(0.36)             | ND(0.34)             |
| 2-Naphthylamine                                   | ND(0.68)             | ND(0.44)             | ND(0.35)<br>ND(0.35) | ND(0.38)<br>ND(0.38) | ND(0.70)<br>ND(0.70)    | 0.045 J<br>ND(0.36)  | ND(0.34)<br>ND(0.34) |
| 2-Nitroaniline                                    | ND(1.7)              | ND(1.1)              | ND(0.87)             | ND(0.96)             | ND(1.8)                 | ND(0.90)             | ND(0.86)             |
| 2-Nitrophenal                                     | ND(0.68)             | ND(0.44)             | ND(0.35)             | ND(0.38)             | ND(0.70)                | ND(0.36)             | ND(0.34)             |
| 2-Picoline  | ND(0.68)             | ND(0.44)             | ND(0.35)             | ND(0.38)             | ND(0.70)                | ND(0.36)             | ND(0.34)             |
| 3,3'-Dichlorobenzidine                            | ND(0.68)             | ND(0.44)             | ND(0.35)             | ND(0.38)             | ND(0.70)                | ND(0.36)             | ND(0.34)             |
| 3,3'-Dimethylbenzidine 3-Methylcholanthrene       | ND(0.68)<br>ND(0.68) | ND(0.44)<br>ND(0.44) | ND(0.35)<br>ND(0.35) | ND(0,38)<br>ND(0,38) | ND(0.70)<br>ND(0.70)    | ND(0.36)<br>ND(0.36) | ND(0.34)<br>ND(0.34) |
| 3-Nitroaniline                                    | ND(1.7)              | ND(1.1)              | ND(0.87)             | ND(0.96)             | ND(1.8)                 | ND(0.90)             | ND(0.86)             |
| 4,6-Dinitro-2-methylphenol                        | ND(1.7)              | ND(1.1)              | ND(0.87)             | ND(0.96)             | ND(1.8)                 | ND(0.90)             | ND(0.86)             |
| 4-Aminobiphenyl                                   | ND(0.68)             | ND(0.44)             | ND(0.35)             | ND(0.38)             | ND(0.70)                | ND(0.36)             | ND(0.34)             |
| 4-Bromophenyl-phenylether 4-Chloro-3-Methylphenol | ND(0.68)<br>ND(0.68) | ND(0.44)<br>ND(0.44) | ND(0.35)<br>ND(0.35) | ND(0.38)             | ND(0.70)                | ND(0.36)             | ND(0.34)             |
| 4-Chloroaniline                                   | ND(0.68)             | ND(0.44)<br>ND(0.44) | ND(0.35)             | ND(0.38)<br>ND(0.38) | ND(0.70)<br>ND(0.70)    | ND(0.36)<br>ND(0.36) | ND(0.34)<br>ND(0.34) |
| 4-Chlorobenzilate                                 | . ND(0.68)           | ND(0.44)             | ND(0.35)             | ND(0.38)             | ND(0.70)                | ND(0.36)             | ND(0.34)             |
| 4-Chlorophenyl-phenylether                        | ND(0.68)             | ND(0.44)             | ND(0.35)             | ND(0.38)             | ND(0.70)                | ND(0.36)             | ND(0.34)             |
| 4-Methylphenol                                    | 0.12 J               | 0,38 J               | ND(0.35)             | ND(0.38)             | ND(0.70)                | ND(0.36)             | ND(0.34)             |
| 4-Nitroaniline<br>4-Nitrophenol                   | ND(1.7)<br>ND(1.7)   | ND(1.1)<br>ND(1.1)   | ND(0.87)<br>ND(0.87) | ND(0.96)             | ND(1.8)<br>ND(1.8) J    | ND(0.90)             | ND(0.86)             |
| 4-Nitroquinoline-1-oxide                          | ND(0.68)             | ND(0.44)             | ND(0.35)             | ND(0.96)<br>ND(0.38) | ND(1.8) J<br>ND(0.70) J | ND(0.90)<br>ND(0.36) | ND(0.86)<br>ND(0.34) |
| 4-Phenylenediamine                                | ND(0.68)             | ND(0.44) J           | ND(0.35) J           | ND(0,38)             | ND(0.70) J              | ND(0.36)             | ND(0.34)             |
| 5-Nitro-o-toluidine                               | ND(0.68)             | ND(0.44)             | ND(0.35)             | ND(0.38)             | ND(0.70)                | ND(0.36)             | ND(0.34)             |
| 7,12-Dimethylbenz(a)anthracene                    | ND(0.68)             | ND(0.44)             | ND(0.35)             | ND(0.38)             | ND(0.70)                | ND(0.36)             | ND(0.34)             |
| a,a'-Dimethylphenethylamine Acenaphthene          | ND(0.68)<br>0.18 J   | ND(0.44)<br>ND(0.44) | ND(0.35)<br>0.050 J  | ND(0.38)<br>ND(0.38) | ND(0.70)<br>0.18 J      | ND(0.36)<br>0.084 J  | ND(0.34)             |
| Acenaphthylene                                    | 0.56 J               | ND(0.44)             | 0.030 J              | ND(0.38)             | 0.18 J                  | 0.20 J               | ND(0.34)<br>0.032 J  |
| Acetophenone                                      | 0.37 J               | 0.40 J               | 0.065 J              | ND(0.38)             | ND(0.70)                | 0,066 J              | ND(0.34)             |
| Aniline   | ND(1.7)              | ND(1.1)              | ND(0.87)             | ND(0.96)             | ND(1.8)                 | ND(0.90)             | ND(0.86)             |
| Anthracene  | 0.58 J               | 0.36 J               | 0.15 J               | 0.035 J              | 0,52 J                  | 0.24 J               | 0.039 J              |
| Azamite<br>Azobenzene                             | R<br>ND(0.68)        | ND(0.44)<br>ND(0.44) | ND(0.35)<br>ND(0.35) | R ND(0.38)           | ND(0.70)                | ND(0.36)             | ND(0.34)             |
| Benzo(a)anthracene                                | 2.4                  | 1.3                  | 0.82                 | ND(0.38)<br>0.19 J   | ND(0.70) J<br>2.6       | ND(0.36)<br>1.0      | ND(0.34)<br>0.24 J   |
| Berizo(a)pyrene                                   | 2.7                  | 2.1                  | 0.86                 | 0.19 J               | 2.6                     | 1.5 J                | 0.24 J               |
| Benzo(b)fluoranthene                              | 1.8                  | 2.1                  | 0,50                 | 0.20 J               | 1.6                     | 1.1                  | 0.23 J               |
| Benzo(g,h,i)perylene                              | 1.6                  | 1.4                  | 0.59                 | 0.19 J               | 1.9                     | 1.2                  | 0.22 J               |
| Benzo(k)fluoranthene                              | 2.0                  | 1.9<br>ND/0.440      | 0,61                 | 0.22 J               | 1.9                     | 1.0                  | 0.22 J               |
| Benzyl Alcohol bis(2-Chloroethoxy)methane         | 0.48 J<br>ND(0.68)   | ND(0.44)<br>ND(0.44) | ND(0.35)<br>ND(0.35) | ND(0.38)<br>ND(0.38) | ND(0,70) J<br>ND(0,70)  | ND(0.36)<br>ND(0.36) | ND(0.34)<br>ND(0.34) |
| bis(2-Chloroethyl)ether                           | ND(0.68)             | ND(0.44)             | ND(0.35)             | ND(0.38)             | ND(0.70)                | ND(0.36)             | ND(0.34)             |
| bis(2-Chloroisopropyl)ether                       | ND(0.68)             | ND(0.44)             | ND(0.35)             | ND(0.38)             | ND(0.70)                | ND(0.36)             | ND(0.34)             |
| bis(2-Ethylhexyl)phthalate                        | 0.29 J               | ND(0.44)             | 0.033 J              | ND(0.38)             | ND(0.70)                | ND(0.36)             | ND(0.34)             |
| Butylbenzylphthalate                              | 3.0                  | ND(0.44)             | ND(0.35)             | ND(0.38)             | ND(0.70)                | ND(0.36)             | ND(0.34)             |
| Chrysene  | 3.4                  | 1.5                  | 1.2                  | 0.27 J               | 3.6                     | 1.2                  | 0.30 J               |

| Location ID:<br>Sample ID:                       | SL0105<br>081298BT35 | SL0124<br>081398BT27 | SL0114<br>081398CT27 | SL0131<br>081498CT04 | SL0475<br>091098MK19   | SL0490<br>091198MK16 | SL0516<br>091598MS02 |
|--|----------------------|----------------------|----------------------|----------------------|------------------------|----------------------|----------------------|
| Sample Depth(Feet):                              | 0-0.5                | 0-0.5                | 1-1.5                | 0-0.5                | 1-1.5                  | 0-0.5                | 1-1.5                |
| Parameter Date Collected:                        | 08/12/98             | 08/13/98             | 08/13/98             | 08/14/98             | 09/10/98               | 09/11/98             | 09/15/98             |
| Semivolatile Organics (continued)                | 117212 022           |                      |                      |                      | ,                      |                      |                      |
| Diallate Dibenzo(a,h)anthracene                  | ND(0.68)<br>0.44 J   | ND(0.44)<br>0.48     | ND(0.35)<br>0.16 J   | ND(0.38)<br>0.063 J  | ND(0.70)<br>0.54 J     | ND(0.36)<br>0.33 J   | ND(0.34)<br>0.076 J  |
| Dibenzofuran                                     | 0.44 3<br>0.11 J     | 0.46                 | ND(0.35)             | ND(0.38)             | 0.087 J                | 0.074 J              | ND(0.34)             |
| Diethylphthalate                                 | ND(0.68)             | ND(0.44)             | ND(0.35)             | ND(0.38)             | ND(0.70)               | ND(0.36)             | ND(0.34)             |
| Dimethylphthalate                                | ND(0.68)             | ND(0.44)             | ND(0.35)             | ND(0.38)             | ND(0.70)               | ND(0.36)             | ND(0.34)             |
| Di-n-Butylphthalate                              | ND(0.68)             | ND(0.44)             | ND(0.35)             | ND(0.38)             | ND(0.70)               | 0.32 J               | 0.12J                |
| Di-n-Octylphthalate                              | ND(0.68)             | ND(0.44)             | ND(0.35)             | ND(0.38)             | ND(0.70)               | ND(0.36)             | ND(0.34)             |
| Ethyl Methanesulfonate Fluoranthene              | ND(0.68)<br>4.6      | ND(0.44)<br>2.8      | ND(0.35)<br>1,7      | ND(0.38)<br>0.47     | ND(0.70)               | ND(0.36)<br>2.0      | ND(0.34)             |
| Fluorene   | 0.42 J               | 0.10 J               | 0.11 J               | ND(0.38)             | 5,8<br>0,35 J          | 0.089 J              | 0.72<br>ND(0.34)     |
| Hexachlorobenzene                                | ND(0.68)             | 0.12 J               | ND(0.35)             | ND(0.38)             | ND(0.70)               | ND(0.36)             | ND(0.34)             |
| Hexachlorobutadiene                              | ND(0.68)             | ND(0.44)             | ND(0.35)             | ND(0.38)             | ND(0.70)               | ND(0.36)             | ND(0.34)             |
| Hexachlorocyclopentadiene                        | ND(0.68)             | ND(0.44)             | ND(0.35)             | ND(0,38)             | ND(0.70) J             | ND(0.36)             | ND(0.34)             |
| Hexachloroethane                                 | ND(0.68)             | ND(0.44)             | ND(0.35)             | ND(0.38)             | ND(0.70)               | ND(0.36)             | ND(0.34)             |
| Hexachloropropene<br>Indeno(1,2,3-cd)pyrene      | ND(0.68)<br>1.3      | ND(0.44)<br>1.4      | ND(0.35)<br>0.44     | ND(0.38)             | ND(0,70)               | ND(0.36)             | ND(0.34)             |
| Isodrin  | ND(10)               | ND(450)              | ND(0.18)             | 0.17 J<br>ND(0.99)   | 1.6<br>ND(0.90)        | 1,0<br>ND(0.92)      | 0.21 J<br>ND(1.8)    |
| Isophorone                                       | 0.091 J              | ND(0.44)             | 0.14 J               | ND(0.38)             | ND(0.70)               | 0.15 J               | ND(0.34)             |
| Isosafrole                                       | ND(0.68)             | ND(0.44)             | ND(0.35)             | ND(0.38)             | ND(0.70)               | ND(0.36)             | ND(0.34)             |
| Methapyrilene                                    | ND(0.68)             | ND(0.44)             | ND(0.35)             | ND(0.38)             | ND(0.70)               | ND(0.36)             | ND(0.34)             |
| Methyl Methanesulfonate Naphthalene              | ND(0.68)             | ND(0.44)             | ND(0.35)             | ND(0.38)             | ND(0.70)               | ND(0.36)             | ND(0.34)             |
| Nitrobenzene                                     | 1.1<br>ND(0.68)      | 0.50<br>ND(0.44)     | 0.33 J<br>ND(0.35)   | 0.076 J<br>ND(0.38)  | 0.50 J<br>ND(0.70)     | 0.33 J<br>ND(0.36)   | 0.076 J              |
| N-Nitrosodiethylamine                            | ND(0.68)             | ND(0.44)             | ND(0.35)             | ND(0.38)             | ND(0.70)<br>ND(0.70)   | ND(0.36)<br>ND(0.36) | ND(0.34)<br>ND(0.34) |
| N-Nitrosodimethylamine                           | ND(0.68)             | ND(0.44)             | ND(0.35)             | ND(0.38)             | ND(0.70)               | ND(0.36)             | ND(0.34)             |
| N-Nitroso-di-n-butylamine                        | ND(0.68)             | ND(0.44)             | ND(0.35)             | ND(0.38)             | ND(0.70)               | ND(0.36)             | ND(0.34)             |
| N-Nitroso-di-n-propylamine                       | ND(0.68)             | ND(0.44)             | ND(0.35)             | ND(0.38)             | ND(0.70)               | ND(0.36)             | ND(0.34)             |
| N-Nitrosodiphenylamine                           | ND(0.68)             | 0.092 J              | ND(0.35)             | ND(0.38)             | ND(0.70)               | ND(0.36)             | ND(0.34)             |
| N-Nitrosomethylethylamine<br>N-Nitrosomorpholine | ND(0.68)<br>ND(0.68) | ND(0.44)<br>ND(0.44) | ND(0.35)<br>ND(0.35) | ND(0.38)             | ND(0.70)               | ND(0.36)             | ND(0.34)             |
| N-Nitrosopiperidine                              | ND(0.68)             | ND(0.44)             | ND(0.35)             | ND(0.38)<br>ND(0.38) | ND(0.70)<br>ND(0.70)   | ND(0.36)<br>ND(0.36) | ND(0.34)<br>ND(0.34) |
| N-Nitrosopyrrolidine                             | ND(0.68)             | ND(0.44)             | ND(0.35)             | ND(0.38)             | ND(0.70)               | ND(0.36)             | ND(0.34)             |
| o-Toluidine                                      | ND(0.68)             | ND(0.44)             | ND(0.35)             | ND(0.38)             | ND(0.70)               | ND(0.36)             | ND(0.34)             |
| p-Dimethylaminoazobenzene                        | ND(0.68)             | ND(0.44)             | ND(0.35)             | ND(0.38)             | ND(0.70)               | ND(0.36)             | ND(0.34)             |
| Pentachlorobenzene Pentachloroethane             | ND(0.68)             | 0.24 J               | ND(0.35)             | ND(0.38)             | ND(0.70)               | ND(0.36)             | ND(0.34)             |
| Pentachloronitrobenzene                          | ND(0.68)<br>ND(0.68) | ND(0.44)<br>ND(0.44) | ND(0.35)<br>ND(0.35) | ND(0.38)<br>ND(0.38) | ND(0.70)<br>ND(0.70) J | ND(0.36)<br>ND(0.36) | ND(0.34)             |
| Pentachlorophenol                                | ND(1.7)              | ND(1.1)              | ND(0.87)             | ND(0.36)             | ND(0.70) 3<br>ND(1.8)  | ND(0.36)<br>ND(0.90) | ND(0.34)<br>ND(0.86) |
| Phenacetin                                       | ND(0.68)             | ND(0.44)             | ND(0.35)             | ND(0.38)             | ND(0.70)               | ND(0.36)             | ND(0.34)             |
| Phenanthrene                                     | 6.2                  | 2.0                  | 1.7                  | 0.31 J               | 7.0                    | 1.4                  | 0.41                 |
| Phenol   | 0.79                 | ND(0.44)             | ND(0.35)             | ND(0.38)             | ND(0.70)               | 0.39                 | ND(0.34)             |
| Pronamide Pyrene                                 | ND(0.68)             | ND(0.44)             | ND(0.35)             | ND(0.38)             | ND(0.70)               | ND(0.36)             | ND(0.34)             |
| Pyridine   | 8.8<br>ND(0.68)      | 2.5<br>ND(0.44)      | 3.1<br>ND(0.35)      | 0,56<br>ND(0,38)     | 10<br>ND(0.70)         | 2.1<br>ND(0.36)      | 0.52                 |
| Safrole  | ND(0.68)             | ND(0.44)             | ND(0.35)             | ND(0.38)             | ND(0.70)               | ND(0.36)             | ND(0.34)<br>ND(0.34) |
| Organochlorine Pesticides                        |                      | <u> </u>             | <u> </u>             | ,                    | (2:1.4)                |                      | (0.0.1)              |
| 4,4'-DDD   | ND(21)               | ND(910)              | ND(0.36)             | ND(2.0)              | ND(1.8)                | ND(1.8)              | ND(3.5)              |
| 4,4'-DDE   | ND(21)               | ND(910)              | 0.43 J               | ND(2.0)              | ND(1.8)                | ND(1.8)              | ND(3.5)              |
| 4,4'-DDT<br>Aldrin                               | R                    | ND(910)              | R                    | ND(2.0)              | ND(1.8)                | ND(1.8)              | ND(3.5)              |
| Algnn<br>Alpha-BHC                               | ND(10)<br>ND(10)     | ND(450)<br>ND(450)   | ND(0.18)<br>ND(0.18) | ND(0.99)             | ND(0.90)               | ND(0.92)             | ND(1.8)              |
| Beta-BHC   | ND(10)               | ND(450)              | ND(0.18)             | ND(0.99)<br>ND(0.99) | ND(0.90)<br>ND(0.90)   | ND(0.92)<br>ND(0.92) | ND(1.8)<br>ND(1.8)   |
| Delta-BHC  | ND(10)               | ND(450)              | ND(0.18)             | ND(0.99)             | ND(0.90)               | ND(0.92)             | ND(1.8)              |
| Dieldrin   | Ŕ                    | ND(910)              | R                    | ND(2.0)              | ND(1,8)                | R R                  | ND(3.5)              |
| Endosulfan I                                     | ND(10)               | ND(450)              | ND(0.18)             | ND(0.99)             | ND(0.90)               | ND(0.92)             | ND(1.8)              |
| Endosulfan II                                    | ND(21)               | ND(910)              | ND(0.36)             | ND(2.0)              | ND(1.8)                | ND(1.8)              | ND(3.5)              |
| Endosulfan Sulfate<br>Endrin                     | ND(21)<br>ND(21)     | ND(910)<br>ND(910)   | ND(0.36)             | ND(2.0)              | ND(1.8)                | ND(1.8)              | ND(3.5)              |
| Endrin Aldehyde                                  | ND(21)<br>ND(21)     | ND(910)<br>ND(910)   | ND(0.36)<br>ND(0.36) | ND(2.0)<br>ND(2.0) J | ND(1.8)<br>ND(1.8)     | ND(1.8)<br>ND(1.8)   | ND(3.5)              |
| Gamma-BHC (Lindane)                              | ND(10)               | ND(450)              | ND(0.30)             | ND(0.99)             | ND(0.90)               | ND(0.92)             | ND(3.5)<br>ND(1.8)   |
| Heptachior                                       | ND(10)               | ND(450)              | ND(0.18)             | ND(0.99)             | ND(0.90)               | ND(0.92)             | ND(1.8)              |
| Heptachior Epoxide                               | ND(10)               | ND(450)              | ND(0.18)             | ND(0.99)             | ND(0.90)               | ND(0.92)             | ND(1.8)              |
| Kepone   | R                    | R                    | R                    | R                    | R                      | R                    | R                    |
| Methoxychlor Technical Chardens                  | ND(100)              | ND(4500)             | ND(1.8)              | ND(9.9)              | ND(9.0)                | ND(9.2)              | ND(18)               |
| Technical Chlordane                              | ND(100)              | ND(4500)             | ND(1.8)              | ND(9.9)              | ND(9.0)                | ND(9.2)              | ND(18)               |
| Toxaphene  | ND(1000)             | ND(45000)            | ND(18)               | ND(99)               | ND(90)                 | ND(92)               | ND(180)              |

| Location ID:<br>Sample ID: | SL0105<br>081298BT35                  | SL0124<br>081398BT27 | SL0114<br>081398CT27 | SL0131<br>081498CT04 | SL0475<br>091098MK19 | SL0490<br>091198MK16 | SL0516<br>091598MS02 |
|----------------------------|---------------------------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|
| Sample Depth(Feet):        | 0-0.5                                 | 0-0.5                | 1-1.5                | 0-0.5                | 1-1.5                | 0-0.5                | 1-1.5                |
| Parameter Date Collected:  | 08/12/98                              | 08/13/98             | 08/13/98             | 08/14/98             | 09/10/98             | 09/11/98             | 09/15/98             |
| Dinoseb                    | ND(0.68)                              | ND(0.44)             | ND(0.35)             | ND(0.38)             | ND(0.70)             | ND(0.36)             | ND(0.34)             |
| Furans                     | · · · · · · · · · · · · · · · · · · · |                      | <u> </u>             | <u> </u>             | <u> </u>             | <u> </u>             |                      |
| 2.3.7.8-TCDF               | 0.00041                               | 0.020                | 0.000016             | 0.000054             | 0.0010               | 0.00026              | 0.000028             |
| TCDFs (total)              | 0.0030 J                              | 0.16 J               | 0.00017 J            | 0.00074 J            | 0.011 J              | 0,0044 J             | 0.0016 J             |
| 1,2,3,7,8-PeCDF            | 0,00038                               | 0.013                | 0.000012             | 0.000046             | 0.0010               | 0.00023              | 0.000020             |
| 2,3,4,7,8-PeCDF            | 0.00037                               | 0.019                | 0.000018             | 0.000069             | 0.0014               | 0.00029              | 0.000072             |
| PeCDFs (total)             | 0.0036 J                              | 0,19 J               | 0.00021 J            | 0.00077 J            | 0.010 J              | 0.0042 J             | 0.0023 J             |
| 1.2.3,4,7,8-HxCDF          | 0.00070                               | 0.094                | 0.000038             | 0.00015              | 0.0027               | 0.00050              | 0.00017              |
| 1.2.3.6.7.8-HxCDF          | 0.00042                               | 0.068 J              | 0.000029 J           | 0.000096 J           | 0.0015               | 0.00033              | 0.00011              |
| 1.2.3.7.8,9-HxCDF          | 0.00011                               | 0.0058               | 0.0000065            | 0.000020             | 0.00031 J            | 0.000071             | 0.000031             |
| 2,3,4,6,7,8-HxCDF          | 0.00015                               | 0.010                | 0.000013             | 0.000049             | 0,00057              | 0.00012              | 0.000064             |
| HxCDFs (total)             | 0.0041 J                              | 0.33 J               | 0.00021 J            | 0.00082 J            | 0.0098 J             | 0.0030 J             | 0.0018 J             |
| 1,2,3,4,6,7,8-HpCDF        | 0.0013 J                              | 0.099 J              | 0.000046 J           | 0.00027 J            | 0.0038               | 0.00083 J            | 0.0011 J             |
| 1,2,3,4,7,8,9-HpCDF        | 0.00013                               | 0.0071               | 0.0000080            | 0.000029             | 0,00066              | 0,00018              | 0.00010              |
| HpCDFs (total)             | 0.0027 J                              | 0.12 J               | 0.000075 J           | 0.00045 J            | 0.0054 J             | 0.0016 J             | 0.0022 J             |
| OCDF                       | 0.0029                                | 0.049                | 0.000037             | 0.00025              | 0.0028               | 0.00082              | 0.00081              |
| Dioxins                    |                                       |                      |                      |                      |                      |                      |                      |
| 2,3,7,8-TCDD               | 0.0000098                             | 0.00017              | 0.0000022            | 0.0000013            | 0.0000078            | 0.0000053            | 0.0000031            |
| TCDDs (total)              | 0.000069                              | 0.0033               | 0.0000063            | 0.000022             | 0.00016              | 0.00013              | 0.000054             |
| 1,2,3,7,8-PeCDD            | 0,000011                              | 0.00034              | 0.0000015 J          | 0.0000024 J          | 0.000012 J           | 0.000017 J           | 0.000013 J           |
| PeCDDs (total)             | 0.000048                              | 0.0042               | 0.0000071            | 0.000035             | 0.00025 J            | 0.00028 J            | 0.00017 J            |
| 1,2,3,4,7,8-HxCDD          | 0.000020                              | 0.00041              | 0.00000084 J         | 0.0000032            | 0.000017             | 0.000021             | 0.000016             |
| 1,2,3,6,7,8-HxCDD          | 0.00011                               | 0.00080              | 0.0000021 J          | 0.0000063            | 0.000028             | 0.000034             | 0.000028             |
| 1,2,3,7,8,9-HxCDD          | 0.000043                              | 0.00066              | 0.0000041            | 0.0000067            | 0.000023             | 0.000042             | 0.000018             |
| HxCDDs (total)             | 0.00028                               | 0,0090               | 0.000029             | 0.000082             | 0.00038              | 0.00054              | 0.00037              |
| 1,2,3,4,6,7,8-HpCDD        | 0.0041                                | 0,0028               | 0.0000097            | 0.000059             | 0.00022              | 0.00024              | 0.00032              |
| HpCDDs (total)             | 0.0075                                | 0.0054               | 0.000017             | 0.00011              | 0.00043              | 0.00052              | 0.00060              |
| OCDD                       | 0.088                                 | 0,011                | 0.000035             | 0.00065              | 0.00051              | 0.00095              | 0.0023               |
| Total TEQs (WHO TEFs)      | 0.00049                               | 0.032                | 0.000025             | 0.000083             | 0.0014               | 0.00033              | 0.00012              |
| Inorganics                 |                                       | <u> </u>             | 1                    | L                    | <u> </u>             | ·                    |                      |
| Antimony                   | 3.70 J                                | 8.70                 | 0.720 J              | ND(0.720)            | 25.1                 | ND(1.00)             | 0.330                |
| Arsenic                    | 5.60                                  | 7.00                 | 9.10                 | 3.50                 | 7.40 J               | 2.50 J               | 2.30                 |
| Barium                     | 71.5                                  | 431                  | 15.9 J               | 46.2 J               | 179                  | 58.4                 | 22.8                 |
| Beryllium                  | ND(0,0400)                            | 0.300 J              | ND(0,0400)           | 0.220 J              | 0.630                | ND(0.210)            | 0.160                |
| Cadmium                    | 0.830                                 | 3.40                 | , ND(0.0400)         | ND(0.0300)           | 2.00                 | 0.240                | ND(0.0300)           |
| Chromium                   | 30.9                                  | 154                  | 14.9                 | 14.3 J               | 48.6 J               | 16.4 J               | 13.7                 |
| Cobalt                     | 9,90                                  | 14.3                 | 20.4                 | 8.40                 | 8.90 J               | 5.50 J               | 5.90                 |
| Copper                     | 366                                   | 3180                 | 35.6                 | 54.1                 | 1400                 | 116                  | 25.4                 |
| Cyanide                    | 0.620                                 | ND(0.660)            | ND(0.520)            | ND(0.580)            | ND(0.600)            | ND(0.610)            | ND(0.580)            |
| Lead                       | 621 J                                 | 2100 J               | 20.8 J               | 44.6 J               | 2480                 | 179                  | 39.4                 |
| Mercury                    | 0.160                                 | 1.30                 | ND(0.0200)           | 0.170                | 0.490                | 0.260 J              | 0.110                |
| Nickel                     | 41.7                                  | 102                  | 26.7                 | 15.0 J               | 41.5                 | 14.4                 | 10.0                 |
| Selenium                   | ND(0.550)                             | 1,50                 | ND(0.450)            | ND(0.330)            | ND(0.380) J          | ND(0.400) J          | ND(0.330)            |
| Silver                     | 0.930 J                               | 8.60                 | ND(0.140)            | 0.160 J              | 158                  | ND(0.330)            | ND(0.130)            |
| Sulfide                    | ND(6.00)                              | ND(6.50)             | ND(5.20)             | ND(5.70)             | 5.20 J               | ND(5.30) J           | ND(5.10)             |
| Thallium                   | ND(0.840)                             | ND(1.10)             | ND(5.70)             | 0.630 J              | ND(0.640)            | ND(0.690)            | ND(0.540)            |
| Tin                        | 43.9                                  | 119                  | ND(0.920)            | ND(3,60)             | 320                  | 12.9                 | 3.60                 |
| Vanadium                   | 20.4                                  | 26.2                 | 11.4                 | 14.9                 | 11.2 J               | 11.9 J               | 7.10                 |
| Zinc                       | 792 J                                 | 2200 J               | 80.1 J               | 98.1                 | 1340                 | 212                  | 67,7                 |

| Location ID:<br>Sample ID:<br>Sample Depth(Feet):  | NS-29<br>N2-BH000848-0-0060<br>6-10 | RAA13-B79<br>N2-BH000848-0-0080<br>8-10 |
|--|-------------------------------------|---|
| Parameter Date Collected:                          | 10/24/02                            | 10/24/02                                |
| Volatile Organics                                  |                                     |   |
| 1,1,1,2-Tetrachioroethane                          | NS US                               | ND(0.0050)                              |
| 1,1,1-Trichloroethane<br>1,1,2,2-Tetrachloroethane | NS NS                               | ND(0.0050)                              |
| 1,1,2-Trichloroethane                              | NS .                                | ND(0.0050)                              |
| 1,1-Dichloroethane                                 | NS NS                               | ND(0.0050)                              |
| 1,1-Dichloroethene                                 | NS<br>NS                            | ND(0.0050)                              |
| 1,2,3-Trichloropropane                             | NS NS                               | ND(0.0050)                              |
| 1,2-Dibromo-3-chloropropane                        | NS NS                               | ND(0.0050)                              |
| 1,2-Dibromoethane                                  | NS NS                               | ND(0.0050)<br>ND(0.0050)                |
| 1,2-Dichloroethane                                 | NS NS                               | ND(0.0050)                              |
| 1,2-Dichloropropane                                | NS NS                               | ND(0.0050)                              |
| 1,4-Dioxane  | NS NS                               | R R                                     |
| 2-Butanone   | NS                                  | R                                       |
| 2-Chloro-1,3-butadiene                             | NS NS                               | ND(0.0050)                              |
| 2-Chloroethylvinylether                            | NS NS                               | ND(0.0050)                              |
| 2-Hexanone   | NS NS                               | ND(0.0050)                              |
| 3-Chloropropene                                    | NS NS                               | ND(0.0050)                              |
| 4-Methyl-2-pentanone                               | NS NS                               | ND(0.0050)                              |
| Acetone  | NS NS                               | ND(0.014)                               |
| Acrolein   | NS NS                               | R R                                     |
| Acrylonitrile                                      | NS NS                               | ND(0.0050)                              |
| Benzene  | NS NS                               | ND(0.0050)                              |
| Bromodichloromethane                               | NS                                  | ND(0.0050)                              |
| Bromoform  | NS                                  | ND(0.0050)                              |
| Bromomethane                                       | NS                                  | ND(0.0050)                              |
| Carbon Disulfide                                   | NS                                  | 0.00098 J                               |
| Carbon Tetrachloride                               | NS                                  | ND(0.0050)                              |
| Chlorobenzene                                      | NS                                  | ND(0.0050)                              |
| Chloroethane                                       | NS                                  | ND(0.0050)                              |
| Chloroform   | NS                                  | ND(0.0050)                              |
| Chloromethane                                      | NS                                  | ND(0.0050)                              |
| cis-1,2-Dichloroethene                             | NS                                  | ND(0.0050)                              |
| cis-1,3-Dichloropropene                            | NS                                  | ND(0.0050)                              |
| Dibromochloromethane                               | NS                                  | ND(0.0050)                              |
| Dibromomethane                                     | NS                                  | ND(0.0050)                              |
| Ethyl Methacrylate                                 | NS                                  | ND(0.0050)                              |
| Ethylbenzene                                       | NS                                  | ND(0.0050)                              |
| Freon 12   | NS                                  | ND(0.0050)                              |
| lodomethane  | NS                                  | ND(0.0050)                              |
| Isobutanol   | NS                                  | R                                       |
| m&p-Xylene   | NS                                  | ND(0.0050)                              |
| Methacrylonitrile                                  | NS                                  | ND(0.0050)                              |
| Methyl Methacrylate                                | - NS                                | ND(0.0050)                              |
| Methyl tert-butyl ether                            | NS                                  | ND(0.0050)                              |
| Methylene Chloride                                 | NS                                  | 0.0012 J                                |
| o-Xylene   | NS                                  | ND(0.0050)                              |
| Propionitrile                                      | NS                                  | R                                       |
| Styrene  | NS                                  | ND(0.0050)                              |
| Tetrachloroethene                                  | NS                                  | ND(0.0050)                              |
| Toluene  | NS                                  | ND(0.0050)                              |
| trans-1,2-Dichloroethene                           | NS                                  | ND(0.0050)                              |
| trans-1,3-Dichloropropene                          | NS                                  | ND(0.0050)                              |
| trans-1,4-Dichloro-2-butene                        | NS                                  | ND(0.0050)                              |
| Trichloroethene                                    | NS                                  | ND(0,0050)                              |
| Trichlorofluoromethane                             | NS                                  | ND(0.0050)                              |
| Vinyl Acetate                                      | NS                                  | ND(0.0050)                              |
| Vinyl Chloride                                     | NS                                  | ND(0.0050)                              |
| Xylenes (total)                                    | NS                                  | ND(0.0050)                              |

| Location ID:<br>Sample ID:<br>Sample Depth(Feet): | NS-29<br>N2-BH000848-0-0060<br>6-10 | RAA13-B79<br>N2-BH000848-0-0080<br>8-10 |
|---|-------------------------------------|---|
| Parameter Date Collected:                         | 10/24/02                            | 10/24/02                                |
|   | 10/2-402                            | 10/2-4/02                               |
| Semivolatile Organics 1,2,4,5-Tetrachlorobenzene  | ND(0.39)                            | NS NS                                   |
| 1,2,4,5-Tetrachiorobenzene                        | ND(0.39)                            | ND(0.0050)                              |
| 1,2-Dichlorobenzene                               | ND(0.39)                            | ND(0.0050)                              |
| 1,3,5-Trinitrobenzene                             | ND(0.39)                            | NS NS                                   |
| 1,3-Dichlorobenzene                               | ND(0.39)                            | ND(0,0050)                              |
| 1,3-Dichlorobenzene                               | ND(0.39)                            | NS NS                                   |
| 1,4-Dichlorobenzene                               | ND(0.39)                            | ND(0,0050)                              |
| 1,4-Naphthoguinone                                | ND(0.39) J                          | NS                                      |
| 1-Naphthylamine                                   | ND(0.39)                            | NS                                      |
| 2,3,4,6-Tetrachlorophenol                         | ND(0.39)                            | NS                                      |
| 2,4,5-Trichlorophenol                             | ND(0.99)                            | NS                                      |
| 2,4,6-Trichlorophenol                             | ND(0.39)                            | NS                                      |
| 2,4-Dichlorophenol                                | ND(0.39)                            | NS                                      |
| 2,4-Dimethylphenol                                | ND(0.39)                            | NS                                      |
| 2,4-Dinitrophenol                                 | ND(0.99)                            | NS                                      |
| 2,4-Dinitrotoluene                                | ND(0.39)                            | NS                                      |
| 2,6-Dichlorophenol                                | ND(0.39)                            | NS                                      |
| 2,6-Dinitrotoluene                                | ND(0.39)                            | NS                                      |
| 2-Acetylaminofluorene                             | ND(0.39)                            | NS                                      |
| 2-Chloronaphthalene                               | ND(0.39)                            | NS                                      |
| 2-Chlorophenol                                    | ND(0.39)                            | NS                                      |
| 2-Methylnaphthalene                               | ND(0.39)                            | NS                                      |
| 2-Methylphenol                                    | ND(0.39)                            | NS                                      |
| 2-Naphthylamine                                   | ND(0.39)                            | NS                                      |
| 2-Nitroaniline                                    | ND(0.99)                            | NS                                      |
| 2-Nitrophenol                                     | ND(0.39)                            | NS                                      |
| 2-Picoline  | ND(0.39)                            | NS NS                                   |
| 3,3'-Dichlorobenzidine                            | ND(0.39)                            | NS                                      |
| 3,3'-Dimethylbenzidine                            | ND(0.39) J                          | NS NS                                   |
| 3-Methylcholanthrene                              | ND(0.39)                            | NS<br>NS                                |
| 3-Nitroaniline                                    | ND(0.99)                            | NS<br>NS                                |
| 4,6-Dinitro-2-methylphenol                        | ND(0.99)<br>ND(0.39) J              | NS NS                                   |
| 4-Aminobiphenyl                                   | ND(0.39)                            | NS NS                                   |
| 4-Bromophenyl-phenylether 4-Chloro-3-Methylphenol | ND(0.39)                            | NS NS                                   |
| 4-Chloroaniline                                   | ND(0.39)                            | NS NS                                   |
| 4-Chlorobenzilate                                 | ND(0.39)                            | NS                                      |
| 4-Chlorophenyl-phenylether                        | ND(0.39)                            | NS NS                                   |
| 4-Methylphenol                                    | ND(0.39)                            | NS                                      |
| 4-Nitroaniline                                    | ND(0.99)                            | NS                                      |
| 4-Nitrophenol                                     | ND(0.99)                            | NS                                      |
| 4-Nitroquinoline-1-oxide                          | R                                   | NS                                      |
| 4-Phenylenediamine                                | ND(0.39)                            | NS                                      |
| 5-Nitro-o-toluidine                               | ND(0.39)                            | NS                                      |
| 7,12-Dimethylbenz(a)anthracene                    | ND(0.39)                            | NS                                      |
| a,a'-Dimethylphenethylamine                       | ND(0.39)                            | NS                                      |
| Acenaphthene                                      | ND(0.39)                            | NS                                      |
| Acenaphthylene                                    | ND(0.39)                            | NS                                      |
| Acetophenone                                      | ND(0.39)                            | NS                                      |
| Aniline   | ND(0.99)                            | NS                                      |
| Anthracene  | ND(0.39)                            | NS NS                                   |
| Aramite   | ND(0.39)                            | NS NS                                   |
| Azobenzene  | ND(0.39)                            | NS NS                                   |
| Benzo(a)anthracene                                | ND(0.39)                            | NS<br>NS                                |
| Benzo(a)pyrene                                    | 0.034 J                             | NS<br>NS                                |
| Benzo(b)fluoranthene                              | 0.020 J                             | NS<br>NS                                |
| Benzo(g,h,i)perylene                              | 0.035 J                             | NS<br>NS                                |
| Benzo(k)fluoranthene                              | 0.030 J                             | NS<br>NS                                |
| Benzyl Alcohol                                    | ND(0.39)                            | NS<br>NS                                |
| bis(2-Chloroethoxy)methane                        | ND(0.39)                            | NS NS                                   |
| bis(2-Chloroethyl)ether                           | ND(0.39)                            | NS NS                                   |
| bis(2-Chloroisopropyl)ether                       | ND(0.39)                            | NS NS                                   |
| bis(2-Ethylhexyl)phthalate                        | ND(0.39)<br>ND(0.39)                | NS NS                                   |
| Butylbenzylphthalate                              | (בכיחותאו                           | 140                                     |

| Location ID:<br>Sample ID:<br>Sample Depth(Feet): | NS-29<br>N2-BH000848-0-0060<br>6-10 | RAA13-B79<br>N2-BH000848-0-0080<br>8-10 |
|---|-------------------------------------|---|
| Parameter Date Collected:                         | 10/24/02                            | 10/24/02                                |
| Semivolatile Organics (continued)                 | 10/2 1/02                           | 1 10/2-11-02                            |
| Diallate  | ND(0.39)                            | NS                                      |
| Dibenzo(a,h)anthracene                            | ND(0.39)                            | NS                                      |
| Dibenzofuran                                      | ND(0.39)                            | NS                                      |
| Diethylphthalate                                  | ND(0.39)                            | NS                                      |
| Dimethylphthalate                                 | ND(0.39)                            | NS                                      |
| Di-n-Butylphthalate                               | ND(0.39)                            | NS                                      |
| Di-n-Octylphthalate                               | ND(0,39)                            | NS                                      |
| Ethyl Methanesulfonate Fluoranthene               | ND(0.39)                            | NS NS                                   |
| Fluoranthene                                      | 0.020 J<br>ND(0.39)                 | NS NS                                   |
| Hexachlorobenzene                                 | ND(0.39)                            | NS NS                                   |
| Hexachlorobutadiene                               | ND(0.39)                            | NS NS                                   |
| Hexachlorocyclopentadiene                         | ND(0.39)                            | NS                                      |
| Hexachloroethane                                  | ND(0.39)                            | NS                                      |
| Hexachloropropene                                 | ND(0.39)                            | NS                                      |
| Indeno(1,2,3-cd)pyrene                            | 0.022 J                             | NS                                      |
| Isodrin   | NS                                  | NS                                      |
| Isophorone  | ND(0.39)                            | NS                                      |
| Isosafrole  | ND(0.39)                            | NS NS                                   |
| Methapyrilene                                     | ND(0.39)                            | NS NS                                   |
| Methyl Methanesulfonate                           | ND(0.39)                            | NS                                      |
| Naphthalene<br>Nitrobenzane                       | ND(0.39)                            | ND(0.0050)                              |
| Nitrobenzene N-Nitrosodiethylamine                | ND(0.39)<br>ND(0.39)                | NS<br>NS                                |
| N-Nitrosodietnylamine N-Nitrosodimethylamine      | ND(0.39)                            | NS<br>NS                                |
| N-Nitroso-di-n-butylamine                         | ND(0.39)                            | NS NS                                   |
| N-Nitroso-di-n-propylamine                        | ND(0.39)                            | NS                                      |
| N-Nitrosodiphenylamine                            | ND(0.39)                            | NS                                      |
| N-Nitrosomethylethylamine                         | ND(0.39)                            | NS                                      |
| N-Nitrosomorpholine                               | ND(0.39)                            | NS                                      |
| N-Nitrosopiperidine                               | ND(0.39)                            | NS                                      |
| N-Nitrosopyrrolidine                              | ND(0.39)                            | NS                                      |
| o-Taluidine                                       | ND(0.39)                            | NS                                      |
| p-Dimethylaminoazobenzene                         | ND(0.39)                            | NS                                      |
| Pentachlorobenzene                                | ND(0.39)                            | NS NS                                   |
| Pentachloroethane                                 | ND(0.39)                            | NS NS                                   |
| Pentachloronitrobenzene                           | ND(0.39)<br>ND(0.99)                | NS<br>NS                                |
| Pentachlorophenol Phenacetin                      | ND(0.39)                            | NS NS                                   |
| Phenanthrene                                      | ND(0.39)                            | NS NS                                   |
| Phenol  | ND(0.39)                            | NS                                      |
| Pronamide   | ND(0.39)                            | NS                                      |
| Pyrene  | 0.049 J                             | NS                                      |
| Pyridine  | ND(0.39)                            | NS                                      |
| Safrole   | ND(0.39)                            | NS                                      |
| Organochlorine Pesticides                         |                                     |   |
| 4,4'-DDD  | NS                                  | NS                                      |
| 4,4'-DDE  | NS NS                               | NS                                      |
| 4,4'-DDT  | NS NS                               | NS NS                                   |
| Aldrin<br>Alpha-BHC                               | NS<br>NS                            | NS<br>NS                                |
| Alpha-BHC<br>Beta-BHC                             | NS                                  | NS<br>NS                                |
| Delta-BHC   | NS NS                               | NS NS                                   |
| Dieldrin Dieldrin                                 | NS NS                               | NS NS                                   |
| Endosulfan I                                      | NS NS                               | NS NS                                   |
| Endosulfan II                                     | NS                                  | NS                                      |
| Endosulfan Sulfate                                | NS                                  | NS                                      |
| Endrin  | NS                                  | NS                                      |
| Endrin Aldehyde                                   | NS                                  | NS                                      |
| Gamma-BHC (Lindane)                               | NS                                  | NS                                      |
| Heptachlor  | NS                                  | NS                                      |
| Heptachlor Epoxide                                | NS                                  | NS                                      |
| Kepone  | NS                                  | NS                                      |
| Methoxychlor                                      | NS                                  | NS                                      |
|   | NS                                  | NS                                      |
| Technical Chlordane Toxaphene                     | NS NS                               | NS NS                                   |

| <b></b>       | Location ID:<br>Sample ID:<br>Sample Depth(Feet): | NS-29<br>N2-BH000848-0-0060<br>6-10 | RAA13-B79<br>N2-BH000848-0-0080<br>8-10 |
|---------------|---|-------------------------------------|---|
| Parameter     | Date Collected:                                   | 10/24/02                            | 10/24/02                                |
| Dinoseb       |   | ND(0.39)                            | NS                                      |
| Furans        |   |                                     |   |
| 2,3,7,8-TCD   |   | NS                                  | NS                                      |
| TCDFs (total  |   | NS                                  | NS                                      |
| 1,2,3,7,8-Pe  |   | NS                                  | NS                                      |
| 2,3,4,7,8-Pe  |   | NS                                  | NS                                      |
| PeCDFs (tot   |   | NS                                  | NS                                      |
| 1,2,3,4,7,8-H |   | NS                                  | NS                                      |
| 1,2,3,6,7,8-F |   | NS                                  | NS                                      |
| 1,2,3,7,8,9-H | txCDF   | NS                                  | NS                                      |
| 2,3,4,6,7,8-F |   | NS                                  | NS                                      |
| HxCDFs (tot   |   | NS                                  | NS                                      |
| 1,2,3,4,6,7,8 | -HpCDF  | NS                                  | NS                                      |
| 1,2,3,4,7,8,9 |   | NS                                  | NS                                      |
| HpCDFs (tat   | al)   | NS                                  | NS                                      |
| OCDF          |   | NS                                  | NS                                      |
| Dioxins       |   |                                     |   |
| 2,3,7,8-TCD   | D   | NS                                  | NS                                      |
| TCDDs (tota   | 1)  | NS                                  | NS                                      |
| 1,2,3,7,8-Pe  | CDD   | NS                                  | NS                                      |
| PeCDDs (tot   | tal)  | NS                                  | NS                                      |
| 1,2,3,4,7,8-H | fxCDD   | NS                                  | NS                                      |
| 1,2,3,6,7,8-F | 1xCDD   | NS                                  | NS                                      |
| 1,2,3,7,8,9-H |   | NS                                  | NS                                      |
| HxCDDs (tot   | tal)  | NS                                  | NS                                      |
| 1,2,3,4,6,7,8 | -HpCDD  | NS .                                | NS                                      |
| HpCDDs (tot   | tal)  | NS                                  | NS                                      |
| OCDD          |   | NS                                  | NS                                      |
| Total TEQs (  | (WHO TEFs)  | NS                                  | NS                                      |
| Inorganics    |   |                                     | **************************************  |
| Antimony      |   | 0.410 J                             | NS                                      |
| Arsenic       |   | 3.10                                | NS                                      |
| Barium        |   | 39.6                                | NS                                      |
| Beryllium     |   | 0.340 J                             | NS                                      |
| Cadmium       |   | ND(0.0300)                          | NS                                      |
| Chromium      |   | 12.4                                | NS                                      |
| Cobalt        |   | 9.90                                | NS                                      |
| Copper        |   | 14.4                                | NS                                      |
| Cyanide       |   | ND(0.590)                           | NS                                      |
| Lead          |   | 9.50 J                              | NS                                      |
| Mercury       |   | ND(0.0620)                          | NS                                      |
| Nickel        |   | 15.5                                | NS                                      |
| Selenium      |   | 0.710                               | NS                                      |
| Silver        |   | ND(0.140)                           | NS                                      |
| Sulfide       |   | ND(8.30) J                          | NS                                      |
| Thallium      |   | 0.690 J                             | NS                                      |
| Tin           |   | 1.00 J                              | NS                                      |
| Vanadium      |   | 12.5                                | NS                                      |
| Zinc          |   | 57.9                                | NS                                      |

### PRE-DESIGN INVESTIGATION REPORT FOR THE NEWELL STREET AREA II REMOVAL ACTION GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS (Results are presented in dry weight parts per million, ppm)

#### Notes:

- Sample collection and analysis performed by United States Environmental Protection Agency (EPA) Subcontractors. Results provided to GE under a Data Exchange Agreement between GE and EPA.

  ND - Analyte was not detected. The number in parentheses is the associated detection limit.
- NS Not Sampled Parameter was not requested on sample chain of custody form.
- Total 2.3.7.8-TCDD toxicity equivalents (TEQs) were calculated using Toxicity Equivalency Factors (TEFs) derived by the World Health Organization (WHO) and published by Van den Berg et al. in Environmental Health Perspectives 106(2), December 1998.

#### Data Qualifiers:

- J Estimated Value.
- R Rejected.

## Appendix C

Soil Sampling Data Validation Report



#### APPENDIX C

## GENERAL ELECTRIC COMPANY PITTSFIELD, MASSACHUSETTS

#### NEWELL STREET AREA II PRE-DESIGN INVESTIGATION

### SOIL SAMPLING DATA VALIDATION REPORT

#### 1.0 General

This Appendix summarizes the Tier I and Tier II data reviews performed for soil samples collected pre-design investigation activities at a portion of the Newell Street Area II Pre-Design Investigation, located in Pittsfield, Massachusetts. The samples were analyzed for various constituents listed in Appendix IX of 40 CFR Part 264, plus three additional constituents -- benzidine, 2-chloroethyl vinyl ether, and 1,2-diphenylhydrazine (hereafter referred to as Appendix IX+3), excluding pesticides and herbicides, by CT&E Environmental Services, Inc. of Charleston, West Virginia and Paradigm Analytical Laboratories, Inc. of Wilmington, North Carolina. Data validation was performed for 184 polychlorinated biphenyl (PCB) samples, 91 volatile organic compound (VOC) samples, 89 semi-volatile organic compound (SVOC) samples, 95 polychlorinated dibenzo-p-dioxin (PCDD)/polychlorinated dibenzo-furan (PCDF) samples, 89 metals samples, and 89 cyanide/sulfide samples.

#### 2.0 Data Evaluation Procedures

This Appendix outlines the applicable quality control criteria utilized during the data review process and any deviations from those criteria. The data review was conducted in accordance with the following documents:

- Field Sampling Plan/Quality Assurance Project Plan, General Electric Company, Pittsfield, Massachusetts, Blasland, Bouck & Lee, Inc. ([BBL]; FSP/QAPP, approved November 4, 2002 and resubmitted December 10, 2002);
- Region I Tiered Organic and Inorganic Data Validation Guidelines, USEPA Region I (July 1, 1993);
- Region I Laboratory Data Validation Functional Guidelines for Evaluating Inorganics Analyses, USEPA Region I (June 13, 1988) (Modified February 1989);
- Region I Laboratory Data Validation Functional Guidelines for Evaluating Organics Analyses, USEPA Region I (February 1, 1988) (Modified November 1, 1988);
- Region I Laboratory Data Validation Functional Guidelines for Evaluating Organics Analyses, USEPA Region I (Draft, December 1996); and
- National Functional Guidelines for Dioxin/Furan Data Validation, USEPA (Draft, January 1996).

A tabulated summary of the Tier I and Tier II data evaluations is presented in Table 1. Each sample subjected to evaluation is listed in Table 1 to document that data review was performed, as well as present the highest level of data validation (Tier I or Tier II) that was applied. Samples that required data qualification are listed separately for each parameter (compound or analyte) that required qualification.

The following data qualifiers have been used in this data evaluation.

- J The compound or analyte was positively identified, but the associated numerical value is an estimated concentration. This qualifier is used when the data evaluation procedure identifies a deficiency in the data generation process. This qualifier is also used when a compound or analyte is detected at estimated concentrations less than the Practical Quantitation Limit (PQL).
- U The compound or analyte was analyzed for, but was not detected. The sample quantitation limit is presented and adjusted for dilution and (for solid samples only) percent moisture. Non-detected sample results are presented as ND(PQL) within this report and in Table 1 for consistency with previous documents prepared for this investigation.
- UJ The compound or analyte was not detected above the reported sample quantitation limit. However, the reported limit is approximate and may or may not represent the actual level of quantitation. Non-detected sample results that required qualification are presented as ND(PQL) J within this report and in Table 1 for consistency with previous documents prepared for this investigation.
- R Indicates that the previously reported detection limit or sample result has been rejected due to a major deficiency in the data generation procedure. The data should not be used for any qualitative or quantitative purposes.

#### 3.0 Data Validation Procedures

The FSP/QAPP provides (in Section 7.5) that all analytical data will be validated to a Tier I level following the procedures presented in the *Region I Tiered Organic and Inorganic Data Validation Guidelines* (USEPA guidelines). Accordingly, 100% of the analytical data for these investigations were subjected to Tier I review. The Tier I review consisted of a completeness evidence audit, as outlined in the *USEPA Region I CSF Completeness Evidence Audit Program* (USEPA Region I, 7/31/91), to ensure that all laboratory data and documentation were present. A tabulated summary of the samples subjected to Tier I and Tier II data evaluation is presented below.

Summary of Samples Subjected to Tier I and Tier II Data Validation

|                 |         | Tier I Only |        | Tier I &Tier II |            |        |       |
|-----------------|---------|-------------|--------|-----------------|------------|--------|-------|
| Parameter       | Samples | Duplicates  | Blanks | Samples         | Duplicates | Blanks | Total |
| PCBs            | 77      | 3           | 2      | 89              | 6          | 7      | 184   |
| VOCs            | 0       | 0           | 0      | 81              | 5          | 5      | 91    |
| SVOCs           | 0       | 0           | 0      | 79              | 5          | 5      | 89    |
| PCDDs/PCDFs     | 0       | 0           | 0      | 85              | 5          | 5      | 95    |
| Metals          | 0       | 0           | 0      | 79              | 5          | 5      | 89    |
| Cyanide/Sulfide | 0       | 0           | 0      | 79              | 5          | 5      | 89    |
| Total           | 77      | 3           | 2      | 492             | 31         | 32     | 637   |

In the event data packages were determined to be incomplete, the missing information was requested from the laboratory. Upon completion of the Tier I review, the data packages complied with USEPA Region I Tier I data completeness requirements.

As specified in the FSP/QAPP, approximately 25% of the laboratory sample delivery group packages were randomly chosen to be subjected to Tier II review. A Tier II review was also performed to resolve data usability limitations identified from laboratory qualification of the data during the Tier I data review. The Tier

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II data review consisted of a review of all data package summary forms for identification of Quality Assurance/Quality Control (QA/QC) deviations and qualification of the data according to the Region I Data Validation Functional Guidelines. Due to the variable sizes of the data packages and the number of data qualification issues identified during the Tier I review, approximately 87% of the data were subjected to a Tier II review. The Tier II review resulted in the qualification of data for several samples due to minor QA/QC deficiencies. Additionally, all field duplicates were examined for Relative Percent Difference (RPD) compliance with the criteria specified in the FSP/QAPP.

When qualification of the sample data was required, the sample results associated with a QA/QC parameter deviation were qualified in accordance with the procedures outlined in USEPA Region I data validation guidance documents. When the data validation process identified several quality control deficiencies, the cumulative effect of the various deficiencies was employed in assigning the final data qualifier. A summary of the QA/QC parameter deviations that resulted in data qualification is presented below for each analytical method.

#### 4.0 Data Review

Initial calibration criterion for organic analyses requires that the average Relative Response Factor (RRF) has a value greater than 0.05. Sample results were qualified as estimated (J) when this criterion was exceeded. The compounds that exceeded initial calibration criterion and the number of samples qualified are presented below.

Analysis Qualified Due to Initial Calibration Deviations

| Analysis | Compound                 | Number of Affected<br>Samples | Qualification |
|----------|--------------------------|-------------------------------|---------------|
| VOCs     | 1,4-Dioxane              | 2                             | J             |
|          | 2-Chloroethylvinylether  | 2                             | J             |
|          | Acetone                  | 1                             | J             |
|          | Acetonitrile             | 4                             | J             |
|          | Acrolein                 | 91                            | J             |
|          | Acrylonitrile            | 4                             | J             |
|          | Propionitrile            | 2                             | J             |
|          | Vinyl Acetate            | 1                             | J             |
| SVOCs    | 4-Nitroquinoline-1-oxide | 2                             | J             |
|          | 4-Phenylenediamine       | 89                            | J             |
|          | Hexachlorophene          | 89                            | J             |

Continuing calibration criterion for organic analyses requires that the continuing calibration RRF have a value greater than 0.05. Sample results were qualified as rejected (R) when this criterion was exceeded. The compound that exceeded continuing calibration criterion and the number of samples qualified are presented below.

Analysis Qualified Due to Continuing Calibration RRF Deviations

|                     | Analysis | Compound     | Number of Affected<br>Samples | Qualification |
|---------------------|----------|--------------|-------------------------------|---------------|
| Though the party of | VOCs     | Acetonitrile | 5                             | J             |

Several of the organic compounds (including the compounds presented in the above tables detailing RRF deviations) exhibit instrument Response Factors (RFs) below the USEPA Region I minimum value of 0.05, but

meet the analytical method criterion which does not specify minimum RFs for these compounds. These compounds were analyzed by the laboratory at a higher concentration than the compounds that normally exhibit RFs greater than the USEPA Region I minimum value of 0.05 in an effort to demonstrate acceptable response. USEPA Region I guidelines state that non-detected compound results associated with a RF less than the minimum value of 0.05 are to be rejected (R). However, in the case of these select organic compounds, the RF is an inherent problem with the current analytical methodology; therefore, the non-detected sample results were qualified as estimated (J).

The continuing calibration criterion requires that the %D between the initial calibration RRF and the continuing calibration RRF for VOCs and SVOCs be less than 25% and for PCDDs/PCDFs be less than 35%. Sample data for detected and non-detected compounds with %D values that exceeded the continuing calibration criterion were qualified as estimated (J). A summary of the compounds that exceeded continuing calibration criterion and the number of samples qualified due to those deviations are identified below.

Compounds Qualified Due to Continuing Calibration of %D Values

| Analysis | Compound                    | Number of Affected<br>Samples | Qualification |
|----------|-----------------------------|-------------------------------|---------------|
| VOCs     | 1,4-Dioxane                 | 16                            | J             |
|          | 2-Hexanone                  | 11                            | J             |
|          | 4-Methyl-2-pentanone        | 10                            | J             |
|          | Acetone                     | 10                            | J             |
|          | Acetonitrile                | 5                             | J             |
|          | Acrylonitrile               | 2                             | J             |
|          | Bromomethane                | 7                             | J             |
|          | Dichlorodifluoromethane     | 5                             | J             |
|          | Methyl Methacrylate         | 2                             | J             |
|          | Propionitrile               | 28                            | Ј             |
|          | Tetrachloroethene           | 1                             | J             |
|          | trans-1,3-Dichloropropene   | 6                             | J             |
|          | trans-1,4-Dichloro-2-butene | 21                            | J             |
|          | Vinyl Acetate               | 48                            | J             |
| SVOCs    | 1,3,5-Trinitrobenzene       | 26                            | J             |
|          | 1,4-Naphthoquinone          | 3                             | J             |
|          | 2,4,5-Trichlorophenol       | 17                            | J             |
|          | 2,4-Dinitrophenol           | 3                             | J             |
|          | 2-Acetylaminofluorene       | 33                            | J             |
|          | 3,3'-Dichlorobenzidine      | 12                            | J             |
|          | 3,3'-Dimethylbenzidine      | 43                            | J             |
|          | 3-Methylcholanthrene        | 8                             | J             |
|          | 4-Chlorobenzilate           | 8                             | J             |
|          | 4-Nitrophenol               | 11                            | j             |
|          | 4-Nitroquinoline-1-oxide    | 56                            | J             |
|          | a,a'-Dimethylphenethylamine | 8                             | J             |
|          | Aramite                     | 33                            | J             |
|          | Benzidine                   | 51                            | J             |
|          | bis(2-Chloroisopropyl)ether | 26                            | J             |
|          | Butylbenzylphthalate        | 13                            | J             |

#### Compounds Qualified Due to Continuing Calibration of %D Values

| Analysis | Compound                  | Number of Affected<br>Samples | Qualification |
|----------|---------------------------|-------------------------------|---------------|
| SVOCs    | Methapyrilene             | 26                            | J             |
|          | N-Nitrosomethylethylamine | 3                             | 1             |

Contract Required Detection Limit (CRDL) standards were analyzed to evaluate instrument performance at low-level concentrations that are near the analytical method PQL. These standards are required to have recoveries between 80 and 120% to verify that the analytical instrumentation was properly calibrated. When CRDL standard recoveries exceeded the 80 to 120% control limits, the affected samples with detected results at or near the PQL concentration (less than three times the PQL) were qualified as estimated (J). The analytes that exceeded CRDL criteria and the number of samples qualified due to those deviations are presented below.

Analytes Qualified Due to CRDL Standard Recovery Deviations

| Analysis           | Analyte  | Number of Affected<br>Samples | Qualification |
|--------------------|----------|-------------------------------|---------------|
| Inorganics         | Arsenic  | 24                            | J             |
|                    | Cadmium  | 8                             | J             |
|                    | Copper   | 8                             | J             |
| 100 M A CARLOS     | Lead     | 12                            | J             |
| Section Assessment | Selenium | 40                            | J             |
|                    | Silver   | 8                             | J             |
|                    | Thallium | 46                            | J             |
|                    | Zinc     | 36                            | J             |

Field, laboratory, and method blanks were analyzed to evaluate whether field sampling equipment or laboratory background contamination may have contributed to the reported sample results. When detected analytes were identified in a blank sample, blank action levels were calculated at 10 times the blank concentrations for the common laboratory contaminant compounds (OCDD) and five times the blank concentration for all other detected analytes. Detected sample results that were below the blank action level were qualified as "U." The analytes detected in the method blanks and which resulted in qualification of sample data are presented below.

Compounds Qualified Due to Blank Deviations

| Analysis   | Compound            | Number of Affected<br>Samples | Qualification |  |
|--|---------------------|-------------------------------|---------------|--|
| PCDDs/PCDFs  | 1,2,3,4,6,7,8-HpCDD | 7                             | U             |  |
| CC spanish   | 1,2,3,4,6,7,8-HpCDF | 3                             | U             |  |
| estales de la companya del companya de la companya del companya de la companya del la companya de la companya d | 1,2,3,4,7,8,9-HpCDF | 2                             | U             |  |
| TO ANALYSIS CONTRACTOR AND ANA | 1,2,3,4,7,8-HxCDF   | 1                             | U             |  |
| 95,725,000   | 1,2,3,7,8,9-HxCDF   | 2                             | U             |  |
| Ser HANCESTER  | 2,3,4,7,8-PeCDF     | I                             | U             |  |
| OCCUPATION OF THE PROPERTY OF  | HpCDDs (total)      | 6                             | U             |  |
| oscillanda i sa  | HpCDFs (total)      | 4                             | U             |  |
| modujątowa czero   | HxCDFs (total)      | 1                             | U             |  |
| SOSION NEWSFELD COLUMN   | OCDD                | 18                            | U             |  |
| 2007   | OCDF                | 1                             | U             |  |

Compounds Qualified Due to Blank Deviations

| Analysis           | Compound       | Number of Affected<br>Samples | Qualification |
|--------------------|----------------|-------------------------------|---------------|
| PCDDs/PCDFs        | PeCDDs (total) | 1                             | U             |
| decreta accidinate | PeCDFs (total) | 2                             | Ŭ             |

Matrix spike (MS) sample analysis recovery criteria for inorganics require that spike recoveries be between 75 and 125% and organic compounds MS recoveries must be within the laboratory-generated QC acceptance limits specified on the MS reporting form. Sample results that exceeded these limits were qualified as estimated (J). Analytes/compounds that did not meet MS recovery criteria and the samples qualified due to those deviations are presented below.

Analytes/Compounds Qualified Due to Matrix Spike Recovery Deviations

| Analysis   | Analyte/Compounds          | Number of Affected<br>Samples | Qualification |
|--|----------------------------|-------------------------------|---------------|
| Inorganics   | Barium                     | 11                            | J             |
|  | Sulfide                    | 7                             | J             |
| SVOCs  | 1,2,4-Trichlorobenzene     | l                             | J             |
|  | Acenaphthene               | 1                             | J             |
|  | Pyrene                     | 1                             | J             |
|  | N-Nitroso-di-n-propylamine | 1                             | J             |
| PCDDs/PCDFs  | 1,2,3,4,6,7,8-HpCDD        | l                             | J             |
|  | 1,2,3,4,6,7,8-HpCDF        | 1                             | J             |
|  | 1,2,3,4,7,8,9-HpCDF        | 2                             | J             |
|  | 1,2,3,4,7,8-HxCDF          | 1                             | J             |
|  | 1,2,3,6,7,8-HxCDD          | 1                             | J             |
|  | 1,2,3,6,7,8-HxCDF          | 1                             | J             |
|  | 1,2,3,7,8,9-HxCDD          | l                             | J             |
|  | 1,2,3,7,8,9-HxCDF          | 1                             | J             |
|  | 1,2,3,7,8-PeCDD            | 1                             | Ј             |
|  | 1,2,3,7,8-PeCDF            | 1                             | J             |
|  | 2,3,4,6,7,8-HxCDF          | 2                             | J             |
|  | 2,3,4,7,8-PeCDF            | 1                             | J             |
|  | 2,3,7,8-TCDD               | 1                             | J             |
| THE STATE OF THE S | 2,3,7,8-TCDF               | 1                             | Ј             |
| AND THE PROPERTY OF THE PROPER | OCDD                       | 2                             | Ј             |
|  | OCDF                       | 2                             | J             |

Field duplicate samples were analyzed to evaluate the overall precision of laboratory and field procedures. The RPD between duplicate samples is required to be less than 50% for soil sample values greater than five times the PQL. Sample results for analytes that exceeded these limits were qualified as estimated (J). The analytes/compounds that did not meet field duplicate RPD requirements and the number of samples qualified due to those deviations are presented below.

Analytes/Compounds Qualified Due to Field Duplicate Deviations

| Analysis    | Analytes/Compounds | Number of Affected<br>Samples | Qualification |
|-------------|--------------------|-------------------------------|---------------|
| Inorganics  | Sulfide            | 16                            | J             |
| PCBs        | Aroclor-1260       | 2                             | J             |
| PCDDs/PCDFs | HxCDDs (total)     | 2                             | J             |
|             | PeCDDs (total)     | 4                             | J             |
|             | TCDDs (total)      | 2                             | J             |

Laboratory duplicate samples were analyzed to evaluate the overall precision of laboratory and field procedures for inorganic analysis. The RPD between duplicate samples is required to be less than 35% for soil samples with analyte concentrations greater than five times the PQL. Detected sample results for analytes that exceeded these limits were qualified as estimated (J). The inorganic analytes that did not meet laboratory duplicate RPD criteria and the samples qualified due to those deviations are presented below.

Analytes Qualified Due to Laboratory Duplicate Deviations

| Analysis   | Analytes | Number of Affected<br>Samples | Qualification |
|------------|----------|-------------------------------|---------------|
| Inorganics | Chromium | 7                             | J             |
|            | Copper   | 7                             | J             |
|            | Nickel   | 7                             | J             |
|            | Vanadium | 7                             | J             |
|            | Zinc     | 7                             | J             |

MS sample analysis recovery criteria for organics require that the RPD between the MS and matrix spike duplicate (MSD) be less than the laboratory-generated QC acceptance limits specified on the MS reporting form. The compounds that exceeded RPD limits and the number of samples qualified due to deviations are presented below.

Compounds Qualified Due to Matrix Spike RPD Deviations

| Analysis   | Compounds           | Number of Affected<br>Samples | Qualification |
|--|---------------------|-------------------------------|---------------|
| PCDDs/PCDFs  | 1,2,3,4,6,7,8-HpCDD | 1                             | J             |
| The state of the s | 1,2,3,4,6,7,8-HpCDF | 1                             | J             |
|  | 1,2,3,4,7,8,9-HpCDF | 1                             | J             |
|  | 1,2,3,4,7,8-HxCDD   | 1                             | J             |
|  | 1,2,3,4,7,8-HxCDF   | 1                             | J             |
|  | 1,2,3,6,7,8-HxCDD   | 1                             | J             |
|  | 1,2,3,6,7,8-HxCDF   | I ·                           | J             |
|  | 1,2,3,7,8,9-HxCDD   | l                             | J             |
|  | 1,2,3,7,8,9-HxCDF   | 1                             | J             |
|  | 1,2,3,7,8-PeCDD     | ĺ                             | J             |
| ACCESSAGE OF THE PROPERTY OF T | 1,2,3,7,8-PeCDF     | 1                             | J             |
|  | 2,3,4,6,7,8-HxCDF   | 1                             | J             |
|  | 2,3,4,7,8-PeCDF     | 1                             | J             |
|  | 2,3,7,8-TCDD        | X                             | J             |
|  | 2,3,7,8-TCDF        | 1                             | J             |

Compounds Qualified Due to Matrix Spike RPD Deviations

| Analysis  | Compounds | Number of Affected<br>Samples | Qualification |
|---|-----------|-------------------------------|---------------|
| PCDDs/PCDFs   | OCDD      | l                             | J             |
| 0.000 pp. 100 | OCDF      | 1                             | J             |

Internal standard compounds for VOCs analysis are required to have area counts that are not greater than two times (+100%) or less than one-half (-50%) of the area counts for the continuing calibration standard. The PCDDs/PCDFs internal standard compound recovery criteria require that internal standard recoveries be between 40 and 130%. VOCs sample results for the associated compounds were qualified as estimated (J) when the internal standard recovery was less than 50%, but greater than 25%. PCDDs/PCDFs sample results for the associated compounds were qualified as estimated (J) when the internal standard recovery was less than 40%, but greater than 10%. Compounds associated with internal standards which exceeded the recovery criteria and the numbers of samples qualified due to those deviations are identified below.

Compounds Qualified Due to Internal Standard Recovery Deviations

| Analysis | Compound                    | Number of Affected Samples | Qualification |
|----------|-----------------------------|----------------------------|---------------|
| VOCs     | 1,1,2,2-Tetrachloroethane   | 12                         | J             |
|          | 1,2,3-Trichloropropane      | 12                         | J             |
|          | 1,2-Dibromo-3-chloropropane | 12                         | J             |
|          | trans-1,4-Dichloro-2-butene | 12                         | J             |
|          | 1,1,1,2-Tetrachloroethane   | 8                          | J             |
|          | 1,1,2-Trichloroethane       | 8                          | J             |
| •        | 1,2-Dibromoethane           | 8                          | J             |
|          | 2-Hexanone                  | 8                          | J             |
|          | Bromoform                   | 8                          | J             |
|          | Chlorobenzene               | 8                          | J             |
|          | Dibromochloromethane        | 8                          | J             |
|          | Ethyl Methacrylate          | 8                          | J             |
|          | Ethylbenzene                | 8                          | J             |
|          | Styrene                     | 8                          | J             |
|          | Tetrachloroethene           | 8                          | J             |
|          | Toluene                     | 8                          | J             |
|          | trans-1,3-Dichloropropene   | 8                          | J             |
|          | Xylenes (total)             | 8                          | J             |
|          | I,I,I-Trichloroethane       | 8                          | J             |
|          | 1,1-Dichloroethane          | 8                          | J             |
|          | 1,1-Dichloroethene          | 2                          | J             |
|          | 1,2-Dichloroethane          | 2                          | J             |
|          | 1,2-Dichloropropane         | 8                          | J             |
|          | 1,4-Dioxane                 | 8                          | J             |
|          | 2-Butanone                  | 8                          | J             |
|          | 2-Chloro-1,3-butadiene      | 8                          | J             |
|          | 2-Chloroethylvinylether     | 8                          | J             |
|          | 3-Chloropropene             | 8                          | J             |

Compounds Qualified Due to Internal Standard Recovery Deviations

| Analysis   | Compound                 | Number of Affected<br>Samples | Qualification |
|--|--------------------------|-------------------------------|---------------|
| VOCs   | 4-Methyl-2-pentanone     | 8                             | J             |
| no especial de la companya del companya de la companya del companya de la companya del la companya de la compan | Acetone                  | 8                             | J             |
|  | Acetonitrile             | 8                             | J             |
|  | Acrolein                 | 8                             | J             |
| Made in Colonia  | Acrylonitrile            | 8                             | J             |
|  | Benzene                  | 8                             | J             |
| March Constant Consta | Bromodichloromethane     | 8                             | J             |
|  | Bromomethane             | 8                             | J             |
| 1111   | Carbon Disulfide         | 8                             | J             |
| 50000000000000000000000000000000000000   | Carbon Tetrachloride     | 8                             | J             |
|  | Chloroethane             | 8                             | J             |
|  | Chloroform               | 8                             | J             |
| eccumum and the common and the commo | Chloromethane            | 8                             | J             |
|  | cis-1,3-Dichloropropene  | 8                             | J             |
| ***************************************  | Dibromomethane           | 8                             | J             |
| 58.000 COCCOO  | Dichlorodifluoromethane  | 8                             | J             |
| error trompone   | Iodomethane              | 8                             | J             |
| A CANADA   | Isobutanol               | 8                             | J             |
|  | Methacrylonitrile        | 8                             | J             |
|  | Methyl Methacrylate      | 8                             | J             |
|  | Methylene Chloride       | 8                             | J             |
|  | Propionitrile            | 8                             | J             |
| 1845 (1947)  | trans-1,2-Dichloroethene | 8                             | J             |
|  | Trichloroethene          | 8                             | J             |
| ntación department   | Trichlorofluoromethane   | 8                             | J             |
| tadis etatrificios   | Vinyl Acetate            | 8                             | J             |
| 1941-1150-1150-1150-1150-1150-1150-1150-11   | Vinyl Chloride           | 8                             | J             |
| PCDDs/PCDFs  | 2,3,7,8-TCDD             | 1                             | J             |

The instrument sensitivity criterion requires that the ion abundance ratios be within specified 15% theoretical ratio. Sample data for that exceeded instrument sensitivity criterion were qualified as estimated (J). A summary of the compounds that exceeded continuing calibration criterion and the number of samples qualified due to those deviations are identified below.

Compounds Qualified Due to Ion abundance Ratio Deviations

| Analysis   | Compound            | Number of Affected<br>Samples | Qualification |
|--|---------------------|-------------------------------|---------------|
| PCDDs/PCDFs  | 1,2,3,4,6,7,8-HpCDF | 1                             | J             |
| ±1000  | 1,2,3,7,8-PeCDF     | 1                             | J             |
| weeks and the second   | HpCDFs (total)      | 1                             | J             |
| Control of the Contro | PeCDFs (total)      | 1                             | J             |

The quantitation criteria require that detected organic sample results be quantitated within the linear range of the five point calibration curve. Detected sample results which are above the linear range of the calibration are required to be re-analyzed at a dilution yielding a sample result within the linear range of the calibration (preferable at the midpoint). Sample data for detected compounds which were not re-analyzed at a dilution within the calibration range were qualified as estimated (J). A summary of the compounds that exceeded quantitation criteria and the number of samples qualified due to those deviations are identified below.

Compounds Qualified Due to Quantitation Criteria

| Analysis   | Compound            | Number of Affected<br>Samples | Qualification |
|--|---------------------|-------------------------------|---------------|
| PCDDs/PCDFs  | 1,2,3,4,6,7,8-HpCDD | 3                             | J             |
| 7005-0000  | 1,2,3,4,6,7,8-HpCDF | 13                            | J             |
|  | 1,2,3,4,7,8,9-HpCDF | 4                             | J             |
|  | 1,2,3,4,7,8-HxCDF   | 15                            | J             |
|  | 1,2,3,6,7,8-HxCDF   | 8                             | J             |
| No. of Contraction | 1,2,3,7,8,9-HxCDF   | 2                             | J             |
| out of the second of the secon | 1,2,3,7,8-PeCDF     | 4                             | J             |
|  | 2,3,4,6,7,8-HxCDF   | 3                             | J             |
|  | 2,3,4,7,8-PeCDF     | 8                             | J             |
| accessory voc  | 2,3,7,8-TCDF        | 11                            | J             |
|  | OCDD                | 4                             | J             |
| 200  | OCDF                | 8                             | J             |

### 5.0 Overall Data Usability

This section summarizes the analytical data in terms of its completeness and usability for site characterization purposes. Data completeness is defined as the percentage of sample results determined to be usable during the data validation process. Data completeness with respect to usability was calculated separately for inorganic and each of the organic analyses. The percent usability calculation included analyses evaluated under both the Tier I and Tier II data validation reviews. The percent usability calculation also includes quality control samples collected to aid in the evaluation of data usability. Therefore, field/equipment blank, trip blank, and field duplicate data determined to be unusable as a result of the validation process are represented in the percent usability value tabulated below.

Data Usability

| Parameter           | Percent Usability | Rejected Data  |
|---------------------|-------------------|--|
| Inorganics          | 100               | None   |
| Cyanide and Sulfide | 100               | None   |
| VOCs                | 100               | None   |
| SVOCs               | 99.9              | Three SVOCs sample results were rejected due to MS recovery deviations |
| PCBs                | 100               | None   |
| PCDDs/PCDFs         | 100               | None   |

The data package completeness as determined from the Tier I data review was used in combination with the data quality deviations identified during the Tier II data review to determine overall data quality. As specified in the FSP/QAPP, the overall precision, accuracy, representativeness, comparability, and completeness (PARCC) parameters determined from the Tier I and Tier II data reviews were used as indicators of overall

data quality. These parameters were assessed through an evaluation of the results of the field and laboratory QA/QC sample analyses to provide a measure of compliance of the analytical data with the Data Quality Objectives (DQOs) specified in the FSP/QAPP. Therefore, the following sections present summaries of the PARCC parameters assessment with regard to the DQOs specified in the FSP/QAPP.

### 5.1 Precision

Precision measures the reproducibility of measurements under a given set of conditions. Specifically, it is a quantitative measure of the variability of a group of measurements compared to their average value. For this investigation, precision was defined as the RPD between duplicate sample results. The duplicate samples used to evaluate precision included laboratory duplicates, field duplicates, MS/MSD samples, and ICP serial dilution samples. For this analytical program, 0.17% of the data required qualification for laboratory duplicate RPD deviations, 0.08% of the data required qualification MS/MSD RPD deviations and 0.12% of the data required qualification field duplicate RPD deviations. None of the data required qualification for ICP serial dilution deviations.

### 5.2 Accuracy

Accuracy measures the bias in an analytical system or the degree of agreement of a measurement with a known reference value. For this investigation, accuracy was defined as the percent recovery of QA/QC samples that were spiked with a known concentration of an analyte or compound of interest. The QA/QC samples used to evaluate analytical accuracy included instrument calibration, internal standards, Laboratory Control Standards (LCSs), MS/MSD samples, CRDL samples, and surrogate compound recoveries. For this analytical program, 4.1% of the data required qualification for calibration deviations, 0.87% required qualification for CRDL standard recoveries, 2.0% required qualification for internal standard recoveries, and 0.29% required qualification for MS/MSD recoveries. None of the data required qualification for LCS recovery deviations or surrogate compound standard recoveries deviations.

### 5.3 Representativeness

Representativeness expresses the degree to which sample data accurately and precisely represents a characteristic of a population, parameter variations at a sampling point, or an environmental condition. Representativeness is a qualitative parameter which is most concerned with the proper design of the sampling program. The representativeness criterion is best satisfied by making certain that sampling locations are selected properly and a sufficient number of samples are collected. This parameter has been addressed by collecting samples at locations specified in Agency-approved work plans and by following the procedures for sample collection/analyses described in the FSP/QAPP. Additionally, the analytical program used procedures that were consistent with USEPA-approved analytical methodology. A QA/QC parameter that is an indicator of the representativeness of a sample is holding time. Holding time criteria are established to maintain the samples in a state that is representative of the in-situ field conditions before analysis. For this analytical program, none of the data required qualification for exceeding holding time requirements.

### 5.4 Comparability

Comparability is a qualitative parameter expressing the confidence with which one data set can be compared with another. This goal was achieved through the use of the standardized techniques for sample collection and analysis presented in the FSP/QAPP. The USEPA SW-846¹ analytical methods presented

<sup>&</sup>lt;sup>1</sup> Test Methods for evaluating Solid Waste, SW-846, USEPA, Final Update III, December 1996

in the FSP/QAPP are updated on occasion by the USEPA to benefit from recent technological advancements in analytical chemistry and instrumentation. In most cases, the method upgrades include the incorporation of new technology that improves the sensitivity and stability of the instrumentation or allows the laboratory to increase throughput without hindering accuracy and precision. Overall, the analytical methods for this investigation have remained consistent in their general approach through continued use of the basic analytical techniques (i.e., sample extraction/preparation, instrument calibration, QA/QC procedures, etc.). Through this use of consistent base analytical procedures and by requiring that updated procedures meet the QA/QC criteria specified in the FSP/QAPP, the analytical data from past, present, and future sampling events will be comparable to allow for qualitative and quantitative assessment of site conditions.

### 5.5 Completeness

Completeness is defined as the percentage of measurements that are judged to be valid or usable to meet the prescribed DQOs. The completeness criterion is essentially the same for all data uses — the generation of a sufficient amount of valid data. The actual completeness of this analytical data set ranged from 99.9 to 100% for individual analytical parameters and had an overall usability of 99.9%, which is greater than the minimum required usability of 90% as specified in the FSP/QAPP.

The rejected SVOC sample data for these investigations include sample analyses results for three SVOCs from sample location RAA13-B99 (1- to 3-feet) due to zero percent recovery of matrix spike compounds. The matrix spike of these compounds was performed in duplicate. Similar results were obtained in both analyses of the matrix spikes demonstrating matrix interference. Re-sampling for these at these sampling locations is not recommended since subsequent reanalysis of these samples has proven matrix interference and the same analytical performance limitations for the analysis could occur again.

# ANALYTICAL DATA VALIDATION SUMMARY GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

| Company   Comp |          |                      |                |        |                               |               |   |  |              |   | <u> </u>   |  |
|--|----------|----------------------|----------------|--------|-------------------------------|---------------|---|--|--------------|---|--|--|
| PCS  |          |                      | Data Callantad |        | Validation                    | Ovelification | Compound                                | OA/OC Parameter  | Value        | Control Limits  | Qualified Result   | Notes  |
| Property   Property  |          | Sample IU            | Data Collected | Matrix | F.0 A.0.1                     | Guamication   | Compound                                | WAS CITED IN CO.   |              | COMO Limite   |  |  |
| Compage   Part   Fig.     Part   Pa |          | NEW2-DUP-1 (6 - 10)  | 9/26/2002      | Soil   | Tier I                        | No            |   |  |              |   | T  | Duplicate of RAA13-B2  |
| Compage   Control   Process   Proc | 210P596  |                      | 9/26/2002      |        |                               |               |   |  |              |   |  |  |
| September   Sept |          | RAA13-A96 (0 - 1)    |                | Soil   |                               | No            |   |  |              |   | ************************   |  |
| Service   Spanish   Service   Serv |          | RAA13-A99 (0 - 1)    |                |        |                               |               |   |  |              |   |  |  |
| 2009-05    PARA 15 (1 - 5)   |          |                      |                |        |                               |               |   |  | <b></b>      |   | #1000000000000000000000000000000000000   | AND STATE OF THE PROPERTY OF T |
| GPP-96   PAAC-1-96 (2)   15   0-0-09002   5ul   Test   No.   |          |                      |                |        |                               |               |   |  | <del> </del> |   |  |  |
| Deptile   PAALS # (2 - 0   90   90   90   90   90   90   90  |          |                      | 9/26/2002      |        |                               |               |   |  | <del> </del> | errie electricis del estados estados como el medica el fortifica de fortir de forma   |  | Contraction of the Contraction o |
| Deptile   PAALS   PACE   PACE |          |                      |                |        |                               |               |   |  | <del> </del> |   |  |  |
| 201908   |          |                      |                |        |                               |               |   |  |              |   |  |  |
| 20P9-98  | 2I0P596  | RAA13-B3 (0 - 1)     | 9/26/2002      | Soil   | Tier I                        | No            |   |  |              |   |  |  |
| 2007-986   |          |                      |                |        |                               |               |   |  | ļ            |   |  |  |
| 200P-966   RAA1-96 (6-1)   9292002   Sol   Tire   No   |          |                      |                |        |                               |               |   |  | <b>_</b>     | nantanaka pada mahabanga pira kita ada mahamatan sa da mahamatan da maha  |  |  |
| Zarpogo  |          |                      |                |        |                               |               |   |  |              |   |  |  |
| 2007968   RAAA1-80 (0 - 1)   |          |                      |                |        |                               |               |   |  |              |   |  |  |
| 2009998  |          |                      |                |        |                               |               |   |  |              |   |  |  |
| 2009-096   |          |                      |                |        |                               |               |   |  | 1            |   | ***************************************  |  |
| ZDP0999  | 210P596  |                      |                |        |                               |               |   |  |              |   |  |  |
| 2007-986   RAA13-796 (c) - (1)   92622002   Soil   Tier   No   | 210P596  | RAA13-C5 (0 - 1)     | 9/26/2002      | Soil   | Tier I                        | No            |   |  |              |   |  |  |
| Company   Fig.   Fig. |          |                      |                |        | ***************************** |               |   |  |              |   |  |  |
| 2007-996   |          |                      |                |        |                               |               |   |  |              |   |  |  |
| 20P696   RAA13-200 (1-6)   970-0002   Soil   Tier   No   |          |                      |                |        |                               |               |   | <u> </u>   | <u> </u>     |   |  |  |
| 20P996   RAJ15 298 (6-10)   978/2002   Sol   Herl   No   |          |                      |                |        |                               |               |   |  |              |   |  |  |
| 20P596   RB 09202-1 (0 - 0)  |          |                      |                |        |                               |               |   |  |              |   | *****************************  | ***************************************  |
| 2,00P007   NEW-2-DUP-2 (10 - 15)   | 210P596  |                      |                |        |                               |               |   |  |              | CONTRACTOR OF THE PROPERTY OF |  | The state of the s |
| 2,0Pe07   RAA13,A94 (0 · 1)   970,2002   Soil   Tier!   No   | 2J0P007  | NEW2-DUP-2 (10 - 15) |                | Soil   | Tier I                        | No            |   |  |              |   |  | Duplicate of RAA13-F95   |
| 2,0P907   RAA13-GS (0 - 1)   950,0002   Soil   Tier   No   |          |                      |                |        |                               |               |   |  |              |   |  |  |
| Zuppoor   RAA13-C94 (0 - 1)  |          |                      |                |        |                               |               |   |  |              |   | <u> </u>   |  |
| 2J0P007   RAA15-095 (0 - 1)   970/2002   Soil   Tierl   No   No   RAA15-091 (0 - 1)   970/2002   Soil   Tierl   No   RAA15-091 (0 - 1)   970/2002   Soil   Tierl   No   RAA15-091 (0 - 1)   970/2002   Soil   Tierl   No   RAA15-091 (1 - 3)   970/2002   Soil   Tierl   No   RAA15-091 (3 - 6)   970/2002   Soil   Tierl   No   RAA15-091 (5 - 6)   970/2002   Soil   Ti |          |                      |                |        |                               |               |   |  |              | ·   |  |  |
| 2J0P007   RAA15-E94 (0 - 1)   970/2002   Soil   Tierl   No   No   RAA15-E91 (0 - 1)   970/2002   Soil   Tierl   No   RAA15-E91 (1 - 3)   970/2002   Soil   Tierl   No   RAA15-E91 (3 - 6)   970/2002   Soil   Tierl   No   RAA15-E91 (3 - 6)   970/2002   Soil   Tierl   No   RAA15-E91 (4 - 6)   970/2002   Soil   Tierl   No   RAA15-E91 (6 - 10)   970/2002   Soil   Tierl   No   RAA15-E91 (6 - 10)   970/2002   Soil   Tierl   No   RAA15-E93 (1 - 3)   970/2002   Soil   Tierl   No   RAA15-E93 (3 - 6)   970/2002   Soil   Tierl   No   RAA15-E93 (6 - 10)   970/2002   Soil   Tierl   No   RAA15-E93 (1 - 3)   970/2002   Soi | 12100007 |                      |                |        |                               |               |   | The second secon | <del> </del> |   | and the same designated in the last, we defined to some company process, consistency of  |  |
| 2J0P007   RAA13-P9 (1-1)   9/30/2002   Soil   Tier   No  |          |                      | 9/30/2002      |        |                               |               |   |  | <del> </del> |   | ***************************************  |  |
| 210P007   RAA13-F91 (1-13)   030/2002   Soil   Tief   No   | 2J0P007  |                      |                |        |                               |               | *************************************** |  | <u> </u>     |   |  | ***************************************  |
| 2J0P007   RAA13-F91 (3-16)   9/30/2002   Soll   Tierl   No   |          |                      |                |        |                               |               |   |  | 1            | ***************************************   | CANADA SERVICIO DE CONTRACTO DE | And the second of the best of the second of  |
| 2J0P007   RAA13-F91 (6 - 10)   930/2002   Sell   Tier   No   No   Sell   Tier   No   RAA13-F93 (0 - 1)   970/2002   Sell   Tier   No   Sell   Ti |          |                      |                |        |                               |               |   |  |              |   |  |  |
| 2J0P007   RAA13-P93 (1-3)   9/30/2002   Soil   Tierl   No   No   No   RAA13-P93 (1-3)   9/30/2002   Soil   Tierl   No   RAA13-P93 (1-3)   9/30/2002   Soil   Tierl   No   RAA13-P93 (1-3)   9/30/2002   Soil   Tierl   No   RAA13-P93 (1-6)   9/30/2 |          |                      |                |        |                               |               |   |  |              |   |  |  |
| 2J0P007   RAA13-F93 (10 - 15)   9/30/2002   Soil   Tier   No   No   Soil   Tier   No   RAA13-F93 (3 - 16)   9/30/2002   Soil   Tier   No   RAA13-F93 (6 - 10)   9/30/2002   Soil   Tier   No   RAA13-F93 (1 - 3)   9/30/2002   Soil   Tier   No   RAA13-F93 (3 - 6)   9/30/2002   Soil   Tier   No   RAA13-F93 (3  |          |                      |                |        |                               |               |   |  |              |   |  |  |
| 2J0P007   RAA13-F93 (10 - 15)   9/30/2002   Soil   Tierl   No  |          |                      |                |        |                               |               |   |  |              |   |  |  |
| 2J0P007   RAA13-F93 (6 - 10)   9/30/2002   Soil   Tier   No   No   Soil   Tier   No   T |          |                      |                |        |                               |               |   |  | <b></b>      | CONTRACTOR |  |  |
| ZJDP007   RAA13-F93 (6 - 10)   |          |                      |                |        |                               |               |   | ***************************************  | <b></b>      |   | The state of the s |  |
| 2J0P007   RAA13-F95 (1 - 1)   9/30/2002   Soil   Tier   No   No   Soil   Tier   No   RAA13-F95 (1 - 3)   9/30/2002   Soil   Tier   No   No   Soil   Tier   No   No   Soil   Tier   No  |          | RAA13-F93 (6 - 10)   | 9/30/2002      |        |                               |               |   |  | 1            |   | *******************************  | ***************************************  |
| ZUPP007   RAA13-F95 (1 - 3)   9/30/2002   Soil   Tier   No   No   Soil   Tier   No   So |          |                      |                |        |                               |               |   |  |              |   |  |  |
| 2J0P007   RAA13-F95 (10 - 15)   9/30/2002   Soil   Tier   No   |          |                      |                |        |                               |               |   |  |              |   |  |  |
| ZJOP007  |          |                      |                |        |                               |               |   |  |              |   |  | <b></b>  |
| ZJOP007  |          |                      |                |        |                               |               |   |  |              |   | *****************************  |  |
| 2J0P007  |          |                      |                |        |                               |               |   | ***************************************  |              |   |  |  |
| 2J0P007   RAA13-H93 (1 - 3)   9/30/2002   Soil   Tier I   No   No   No   No   No   No   No   |          |                      |                |        |                               |               |   | to a second control of the second control of | <b></b>      |   |  |  |
| 2J0P007   RAA13-H93 (10 - 15)   9/30/2002   Soil   Tier   No   No   Soil   Tier   No    | 2J0P007  | RAA13-H93 (1 - 3)    |                |        |                               |               |   |  |              |   |  |  |
| 2J0P007   RAA13-H93 (6 - 10)   9/30/2002   Soli   Tier   No  |          |                      | 9/30/2002      | Soil   |                               |               |   |  |              |   |  |  |
| 2J0P007   RAA13-292 (0 - 1)   9/30/2002   Soil   Tier I   No   |          |                      |                |        |                               |               |   |  |              |   |  |  |
| 2J0P051   NEW2-DUP-3 (0 - 1)   10/1/2002   Soil   Tier II   No   Duplicate of F  |          |                      |                |        |                               |               |   |  |              |   |  |  |
| 2J0P051   NEW2-DUP-3 (0 - 1)   10/1/2002   Soil   Tier II   No   Duplicate of F  |          |                      |                |        |                               |               |   |  |              | ·   | ļ  |  |
| 2J0P051   NEW2-DUP-4 (0 - 1)   10/1/2002   Soil   Tier ii   No   Duplicate of F  |          |                      |                |        |                               |               |   |  | ļ            |   |  | DunBaata of DAA43 Inc  |
| 2J0P051     RAA13-B90 (0 - 1)     10/1/2002     Soil     Tier !!     No       2J0P051     RAA13-C89 (0 - 1)     10/1/2002     Soil     Tier !!     No       2J0P051     RAA13-C91 (0 - 1)     10/1/2002     Soil     Tier !!     No  |          | NEW2-DUP-4 (0 - 1)   |                |        |                               |               |   |  | <b></b>      |   | <u> </u>   | Duplicate of RAA13-G92   |
| 2J0P051 RAA13-C89 (0 - 1) 10/1/2002 Soil Tier II No<br>2J0P051 RAA13-C91 (0 - 1) 10/1/2002 Soil Tier II No   | 2J0P051  | RAA13-890 (0 - 1)    |                |        |                               |               |   |  | <b></b>      |   | <b></b>  | Doblesia or Localogo   |
| 2J0P051 RAA13-C91 (0 - 1) 10/1/2002 Soil Tier II No  | 2J0P051  |                      |                |        |                               |               |   |  | <del> </del> |   |  |  |
|  | 2J0P051  | RAA13-C91 (0 - 1)    | 10/1/2002      |        |                               |               |   |  | <b>!</b>     |   |  |  |
| 2J0P051   RAA13-C92 (0 - 1)   10/1/2002   Soil   Tier II   No  | 2J0P051  | RAA13-C92 (0 - 1)    |                |        |                               |               |   |  |              |   |  |  |

# ANALYTICAL DATA VALIDATION SUMMARY GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

| S  |  |                          |               | Validation         |               |  |                            |               |  |  |   |
|--|--|--------------------------|---------------|--------------------|---------------|--|----------------------------|---------------|--|--|---|
| Sample Delivery<br>Group No.   | Sample ID                                | Date Collected           | Matrix        | Level              | Qualification | Compound                               | QA/QC Parameter            | Value         | Control Limits   | Qualified Result   | Notes                                   |
| PCBs (continued)   |  |                          |               |                    |               |  |                            |               |  |  |   |
| 2J0P051  | RAA13-D90 (0 - 1)                        | 10/1/2002                | Soil          | Tier II            | No            |  |                            |               |  |  |   |
| 2J0P051  | RAA13-091 (0 - 1)                        | 10/1/2002                | Soil          | Tier II            | No            |  |                            | <u> </u>      |  |  |   |
| 2J0P051  | RAA13-D91 (1 - 3)                        | 10/1/2002                | Soil          | Tier II            | No            |  |                            |               |  |  |   |
| 2J0P051  | RAA13-D91 (10 - 15)                      | 10/1/2002                | Soil          | Tier II            | No            |  |                            |               |  |  |   |
| 2J0P051<br>2J0P051   | RAA13-D91 (3 - 6)<br>RAA13-D91 (6 - 10)  | 10/1/2002<br>10/1/2002   | Soil<br>Soil  | Tier II            | No<br>No      |  |                            | <del> </del>  |  |  |   |
| 2J0P051  | RAA13-D92 (0 - 1)                        | 10/1/2002                | Soil          | Tier II            | No            |  |                            |               |  | ***************************************  | <del> </del>                            |
| 2J0P051  | RAA13-E91 (0 - 1)                        | 10/1/2002                | Soil          | Tier II            | No            |  |                            |               |  |  |   |
| 2J0P051  | RAA13-E92 (0 - 1)                        | 10/1/2002                | Soil          | Tier II            | No            | ~                                      |                            | 1             |  |  |   |
| 2J0P051  | RAA13-F92 (0 - 1)                        | 10/1/2002                | Soil          | Tier II            | No            |  |                            |               |  |  |   |
| 2J0P051  | RAA13-G91 (0 - 1)                        | 10/1/2002                | Soil          | Tier II            | No            |  |                            |               |  |  |   |
| 2J0P051  | RAA13-G92 (0 - 1)                        | 10/1/2002                | Soil          | Tier II            | No            |  |                            |               |  |  |   |
| 2J0P051  | RAA13-G93 (0 - 1)                        | 10/1/2002                | Soil          | Tier II            | No            |  |                            |               |  |  |   |
| 2J0P051  | RAA13-H92 (0 - 1)                        | 10/1/2002                | Soil          | Tier II            | No            |  |                            |               |  | APPENTENT COMMENT AND APPENDENCE OF THE PROPERTY OF THE PROPER |   |
| 2J0P051<br>2J0P051   | RAA13-193 (0 - 1)                        | 10/1/2002                | Soil          | Tier II            | No No         |  |                            | ļ             |  |  |   |
| 2J0P051<br>2J0P051   | RAA13-I94 (0 - 1)<br>RB-100102-1 (0 - 0) | 10/1/2002<br>10/1/2002   | Soil<br>Water | Tier II<br>Tier II | No<br>No      |  |                            | ļ             |  |  |   |
| 2J0P051  | RB-100102-1 (0 - 0)                      | 10/1/2002                | Water         | Tier II            | No.           |  |                            |               |  |  |   |
| 2J0P176  | NEW2-DUP-5 (10 - 15)                     | 10/4/2002                | Soil          | Tier II            | No            |  |                            | <del> </del>  |  |  | Duplicate of RAA13-Z83                  |
| 2J0P176  | RAA13-A89 (0 - 1)                        | 10/4/2002                | Soil          | Tier II            | No            |  |                            |               |  | ***************************************  |   |
| 2J0P176  | RAA13-A90 (0 - 1)                        | 10/4/2002                | Soli          | Tier II            | No            |  |                            |               |  | CONTROL CONTRO | *************************************** |
| 2J0P176  | RAA13-A91 (0 - 1)                        | 10/4/2002                | Soil          | Tier II            | No            |  |                            |               |  |  |   |
| 2J0P176  | RAA13-B92 (0 - 1)                        | 10/4/2002                | Soil          | Tier II            | No            |  |                            |               |  |  |   |
| 2J0P176  | RAA13-Y88 (0 - 1)                        | 10/4/2002                | Soll          | Tier II            | No            |  |                            |               |  |  |   |
| 2J0P176  | RAA13-Z83 (1 - 3)                        | 10/4/2002                | Soil          | Tier II            | No            | ······································ |                            |               |  | ***************************************  |   |
| 2J0P176<br>2J0P176   | RAA13-Z83 (10 - 15)<br>RAA13-Z83 (3 - 6) | 10/4/2002                | Soil          | Tier II            | No            |  |                            | ·             |  | - A STATE OF THE PROPERTY OF T |   |
| 2J0P176  | RAA13-Z83 (6 - 10)                       | 10/4/2002<br>10/4/2002   | Soil          | Tier II            | No            |  |                            |               |  |  |   |
| 2J0P176  | RAA13-Z85 (1 - 3)                        | 10/4/2002                | Soil<br>Soil  | Tier II            | No<br>No      |  |                            |               |  |  |   |
| 2J0P176  | RAA13-Z85 (10 - 15)                      | 10/4/2002                | Soil          | Tier II            | No            |  |                            | ************* |  |  |   |
| 2J0P176  | RAA13-Z85 (3 - 6)                        | 10/4/2002                | Soil          | Tier II            | No            |  |                            |               |  |  |   |
| 2J0P176  | RAA13-Z85 (6 - 10)                       | 10/4/2002                | Soll          | Tier II            | No            | ······································ |                            |               | And the state of t | entra de la companya   | *************************************** |
| 2J0P176  | RAA13-Z86 (0 - 1)                        | 10/4/2002                | Soil          | Tier II            | No            |  |                            |               |  |  | *************************************** |
| 2J0P176  | RAA13-Z87 (10 - 15)                      | 10/4/2002                | Soil          | Tier II            | No            |  |                            |               |  |  |   |
| 2J0P176  | RB-100402-1 (0 - 0)                      | 10/4/2002                | Water         | Tier II            | No            |  |                            |               |  |  |   |
| 2J0P292<br>2J0P292   | GE-11 (10 - 15)                          | 10/9/2002                | Soil          | Tier II            | No            |  |                            |               |  |  |   |
| 2J0P292  | NEW2-DUP-6 (0 - 1)<br>RAA13-A97 (0 - 1)  | 10/9/2002                | Soil          | Tier II            |               | Aroclor-1260                           | Field Duplicate RPD (Soil) | 57.8%         | <50%   | 2.9 J  | Duplicate of RAA13-C98                  |
| 2J0P292  | RAA13-A98 (0 - 1)                        | 10/9/2002<br>10/9/2002   | Soil          | Tier II<br>Tier II | No<br>No      |  |                            | <del> </del>  |  |  |   |
| 2J0P292  | RAA13-B97 (10 - 15)                      | 10/9/2002                | Soll          | Tier II            | No            |  |                            | <del> </del>  | ***************************************  |  |   |
| 2J0P292  | RAA13-898 (0 - 1)                        | 10/9/2002                | Soll          | Tier II            | No            | · · · · · · · · · · · · · · · · · · ·  |                            | <del> </del>  |  | ***************************************  | ·                                       |
| 2J0P292  | RAA13-B99 (10 - 15)                      | 10/9/2002                | Soll          | Tier II            | No            | ······································ |                            | 1             |  |  |   |
| 2J0P292  | RAA13-C97 (0 - 1)                        | 10/9/2002                | Soll          | Tier II            | No            |  |                            | 1             |  | ***************************************  | ······································  |
| 2J0P292  | RAA13-C98 (0 - 1)                        | 10/9/2002                | Soil          | Tier II            | Yes           | Aroclor-1260                           | Field Duplicate RPD (Soil) | 57.8%         | <50%   | 1.6 J  |   |
| 2J0P292  | RAA13-C99 (0 - 1)                        | 10/9/2002                | Soil          | Tier II            | No            |  |                            |               |  |  |   |
| 2J0P292<br>2J0P292   | RAA13-D97 (10 - 15)<br>RAA13-D98 (0 - 1) | 10/9/2002                | Soil          | Tier II            | No            | ************************************** |                            | ļ             |  |  |   |
| 2J0P292<br>2J0P292   | RAA13-D98 (0 - 1)                        | 10/9/2002                | Soil          | Tier II            | No            |  |                            | <b></b>       |  |  |   |
| 2J0P292  | RAA13-D99 (1 - 3)                        | 10/9/2002<br>10/9/2002   | Soil<br>Soil  | Tier II<br>Tier II | No<br>No      |  |                            | ļ             |  | <del> </del>   |   |
| 2J0P292  | RAA13-D99 (10 - 15)                      | 10/9/2002                | Soil          | Tier II            | No<br>No      |  |                            | <del> </del>  |  |  |   |
| 2J0P292  | RAA13-D99 (3 - 6)                        | 10/9/2002                | Soil          | Tier II            | No            |  |                            | <del> </del>  |  |  |   |
| 2J0P292  | RAA13-D99 (6 - 10)                       | 10/9/2002                | Soil          | Tier II            | No            |  |                            | †····         |  |  |   |
| 2J0P292  | RB-100902-1 (0 - 0)                      | 10/9/2002                | Water         | Tier II            | No            |  |                            | 1             |  |  |   |
| 2J0P453  | RAA13-A85 (0 - 1)                        | 10/15/2002               | Soil          | Tier II            | No            |  |                            |               |  | The second secon |   |
| 2J0P453  | RAA13-A87 (0 - 1)                        | 10/15/2002               | Soil          | Tier II            | No            |  |                            |               |  |  |   |
| 2J0P453  | RAA13-B88 (0 - 1)                        | 10/15/2002               | Soil          | Tier II            | No            | ************************************** |                            |               |  |  |   |
| 2J0P453<br>2J0P453   | RAA13-C86 (0 - 1)                        | 10/15/2002               | Soil          | Tier II            | No            |  |                            | ļ             |  |  | <b>_</b>                                |
| 2J0P453  | RAA13-C88 (0 - 1)<br>RAA13-D88 (0 - 1)   | 10/15/2002               | Soil          | Tier II            | No            |  |                            |               |  |  |   |
| 2J0P453  | RAA13-E86 (0 - 1)                        | 10/15/2002<br>10/15/2002 | Soil<br>Soil  | Tier II            | No<br>No      |  |                            | ļ             |  |  |   |
| 2J0P453  | RAA13-E87 (0 - 1)                        | 10/15/2002               | Soil          | Tier II<br>Tier II | No<br>No      | <del></del>                            |                            | <del> </del>  | <u> </u>   | <b></b>  |   |
| hamman remainder of the second | Company of the second second second      | IVI SHILVUL              | 1 201         | ाणा ॥              | T 140         |  | 1                          | 1             | <u> </u>   | L  | L                                       |

# ANALYTICAL DATA VALIDATION SUMMARY GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

| [                  | **************************************    |                          | T 1          |                   | (             |   |   | T            |  |   |  |
|--------------------|---|--------------------------|--------------|-------------------|---------------|---|---|--------------|--|---|--|
| Sample Delivery    |   |                          |              | Validation        |               |   |   |              |  |   |  |
| Group No.          | Sample ID                                 | Date Collected           | Matrix       | Level             | Qualification | Compound                                | QA/QC Parameter                         | Value        | Control Limits   | Qualified Result                        | Notes  |
| PCBs (continued)   |   |                          |              |                   |               |   |   | <u></u>      | <u>, , , , , , , , , , , , , , , , , , , </u>  | **************************************  |  |
| 2J0P453            | RAA13-E88 (0 - 1)                         | 10/15/2002               | Soil         | Tier II           | No            |   |   | <b> </b>     |  |   |  |
| 2J0P453<br>2J0P453 | RAA13-E89 (0 - 1)<br>RAA13-F88 (0 - 1)    | 10/15/2002<br>10/15/2002 | Soil<br>Soil | Tier II           | No<br>No      | , , , , , , , , , , , , , , , , , , ,   |   | <del> </del> |  |   |  |
| 2J0P453            | RAA13-F90 (0 - 1)                         | 10/15/2002               | Solt         | Tier II           | No            |   |   | <del>}</del> |  |   |  |
| 2J0P453            | RAA13-G88 (0 - 1)                         | 10/15/2002               | Soil         | Tier II           | No            |   |   | 1            | A THE COURSE SERVICE AND A SER | **************************************  | And the second of the second o |
| 2J0P453            | RAA13-G89 (0 - 1)                         | 10/15/2002               | Soil         | Tier II           | No            |   |   |              |  |   |  |
| 2J0P453            | RAA13-G90 (0 - 1)                         | 10/15/2002               | Soil         | Tier II           | No            | -                                       |   |              |  |   |  |
| 2J0P453<br>2J0P453 | RAA13-H88 (0 - 1)<br>RAA13-H90 (0 - 1)    | 10/15/2002<br>10/15/2002 | Soil         | Tier II           | No<br>No      |   |   | <del> </del> |  |   |  |
| 2J0P453            | RAA13-192 (0 - 1)                         | 10/15/2002               | Soil<br>Soil | Tier II           | No No         |   |   | <del></del>  |  |   |  |
| 2J0P477            | RAA13-F99 (10 - 15)                       | 10/16/2002               | Soil         | Tier II           | No            |   |   |              |  |   |  |
| 2J0P477            | RAA13-Z90 (0 - 1)                         | 10/16/2002               | Soil         | Tier II           | No            |   |   |              |  |   |  |
| 2J0P622            | RAA13-A83 (0 - 1)                         | 10/22/2002               | Soil         | Tier II           | No            |   |   |              |  |   |  |
| 2J0P622            | RAA13-A84 (0 - 1)                         | 10/22/2002               | Soil         | Tier II           | No            |   |   | <u> </u>     |  |   | ***************************************  |
| 2J0P622<br>2J0P622 | RAA13-A86 (0 - 1)<br>RAA13-B83 (10 - 15)  | 10/22/2002<br>10/22/2002 | Soil<br>Soil | Tier II           | No<br>No      |   |   |              | a consideration of the property of the construction of the constru |   |  |
| 2J0P622            | RAA13-B83 (6 - 10)                        | 10/22/2002               | Soil         | Ter II            | No            |   |   |              | property and the complete for the control of the co |   |  |
| 2J0P622            | RAA13-DUP-7 (10 - 15)                     | 10/22/2002               | Soil         | Tier II           | No            |   |   | <b></b>      |  |   | Duplicate of RAA13-B83   |
| 2J0P622            | RB-102202-1 (0 - 0)                       | 10/22/2002               | Water        | Tier II           | No            |   |   |              |  |   |  |
| 2J0P660            | NEW2-DUP-8 (6 - 10)                       | 10/23/2002               | Soil         | Tier II           | No            |   |   | <b></b>      | e i sa' in la cina qualmente e l'entre entre entre entre franche de l'étre par par une e   |   | Duplicate of RAA13-H89   |
| 2J0P660<br>2J0P660 | RAA13-F89 (0 - 1)<br>RAA13-F89 (1 - 3)    | 10/23/2002               | Soil<br>Soil | Tier II           | No<br>No      |   |   |              |  |   |  |
| 2J0P660            | RAA13-F89 (10 - 15)                       | 10/23/2002<br>10/23/2002 | Soil         | Tier II           | No            |   |   |              |  |   |  |
| 2J0P660            | RAA13-F89 (3 - 6)                         | 10/23/2002               | Soil         | Tier II           | No            |   |   | <del> </del> |  |   |  |
| 2J0P660            | RAA13-F89 (6 - 10)                        | 10/23/2002               | Soil         | Tier II           | No            |   |   |              |  |   |  |
| 2J0P660            | RAA13-H89 (0 - 1)                         | 10/23/2002               | Soil         | Tier II           | No            |   |   |              |  |   |  |
| 2J0P660            | RAA13-H89 (1 - 3)<br>RAA13-H89 (10 - 15)  | 10/23/2002               | Soil         | Tier II           | No            |   |   |              | 40. FA-(100-40-40-40-40-40-40-40-40-40-40-40-40-4  |   |  |
| 2J0P660<br>2J0P660 | RAA13-H89 (3 - 6)                         | 10/23/2002<br>10/23/2002 | Soil<br>Soil | Tier II           | No<br>No      |   |   | ļ            |  |   |  |
| 2J0P660            | RAA13-H89 (6 - 10)                        | 10/23/2002               | Soil         | Tier II           | No            |   |   |              |  |   |  |
| 2J0P660            | RAA13-H91 (10 - 15)                       | 10/23/2002               | Soil         | Tier II           | No            |   | A 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | 1            |  | *************************************** |  |
| 2J0P660            | RAA13-H91 (3 - 6)                         | 10/23/2002               | Soil         | Tier II           | No            |   |   |              |  |   |  |
| 2J0P660<br>2J0P660 | RAA13-H91 (6 - 10)<br>RB-102302-1 (0 - 0) | 10/23/2002               | Soil         | Tier II           | No No         |   |   | <b></b>      |  |   |  |
| 2J0P703            | NEW2-DUP-9 (10 - 15)                      | 10/23/2002<br>10/24/2002 | Soil<br>Soil | Tier II<br>Tier I | No<br>No      | b///                                    |   | ļ            |  |   | Duplicate of RAA13-B87   |
| 2J0P703            | NS-29 (10 - 15)                           | 10/24/2002               | Soil         | Tier I            | No            |   |   | <del> </del> |  |   | Dobucate of total 9-091  |
|                    | NS-29 (4 - 6)                             | 10/24/2002               | Soil         | Tier I            | No            |   |   | <b></b>      |  |   | ***************************************  |
| 2J0P703            | NS-29 (6 - 10)                            | 10/24/2002               | Soil         | Tier I            | No            |   |   |              |  |   |  |
|                    | RAA13-1 (0 - 1)                           | 10/24/2002               | Soil         | Tier I            | No            |   |   |              |  |   |  |
|                    | RAA13-1 (1 - 3)<br>RAA13-1 (10 - 15)      | 10/24/2002<br>10/24/2002 | Soil<br>Soil | Tier I            | No<br>No      |   |   |              |  |   |  |
|                    | RAA13-1 (21 - 23)                         | 10/24/2002               | Soil         | Tier I            | No            |   |   |              |  |   |  |
| 2J0P703            | RAA13-1 (3 - 6)                           | 10/24/2002               | Soil         | Tier I            | No            |   |   | <u> </u>     |  |   | ***  |
| 2J0P703            | RAA13-B86 (0 - 1)                         | 10/24/2002               | Soil         | Tier I            | No            |   |   |              |  |   |  |
| 2J0P703<br>2J0P703 | RAA13-887 (0 - 1)                         | 10/24/2002               | Soil         | Tier!             | No            |   |   |              |  |   |  |
|                    | RAA13-B87 (1 - 3)<br>RAA13-B87 (10 - 15)  | 10/24/2002<br>10/24/2002 | Soil<br>Soil | Tier I            | No<br>No      |   | 2000000                                 |              |  |   |  |
|                    | RAA13-B87 (3 - 6)                         | 10/24/2002               | Soli         | Tier I            | No<br>No      |   |   |              |  |   |  |
| 2J0P703            | RAA13-887 (6 - 10)                        | 10/24/2002               | Soil         | Tier I            | No            | *************************************** |   | <del> </del> |  |   |  |
| 2J0P703            | RAA13-D87 (10 - 15)                       | 10/24/2002               | Soll         | Tier I            | No            |   |   | <b> </b>     |  | *************************************** |  |
|                    | RB-102402-1 (0 - 0)                       | 10/24/2002               | Water        | Tier I            | No            |   |   |              |  |   |  |
|                    | RAA13-B84 (0 - 1)<br>RAA13-C85 (0 - 1)    | 10/25/2002               | Soil         | Tier I            | No            |   | 1000000                                 |              |  |   |  |
|                    | RAA13-D85 (10 - 15)                       | 10/25/2002<br>10/25/2002 | Soil<br>Soil | Tier I            | No<br>No      |   |   |              | ***************************************  |   | ļ  |
|                    | RAA13-D85 (6 - 10)                        | 10/25/2002               | Soll         | Tier I            | No<br>No      |   |   | ļ            |  |   |  |
| 2J0P752            | RAA13-F87 (0 - 1)                         | 10/25/2002               | Soil         | Tier I            | No No         |   |   | <del> </del> | ····   |   |  |
|                    | RAA13-F87 (1 - 3)                         | 10/25/2002               | Soil         | Tier I            | No            |   |   |              |  |   | ***************************************  |
|                    | RAA13-F87 (10 - 15)                       | 10/25/2002               | Soll         | Tier I            | No            |   |   |              |  |   |  |
|                    | RAA13-F87 (3 - 6)                         | 10/25/2002               | Soil         | TierI             | No            |   |   |              |  |   |  |
| LVVC ( VE          | RAA13-F87 (6 - 10)                        | 10/25/2002               | Soil         | Tier I            | No            |   |   | <u> </u>     |  |   | l .  |

# ANALYTICAL DATA VALIDATION SUMMARY GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

| Sample Delivery<br>Group No.   | Sample ID  | Date Collected   | Matrix         | Validation<br>Level                     | Qualification | Compound             | QA/QC Parameter                      | Value            | Control Limits   | Qualified Result     | Notes                  |
|--|--|--|----------------|---|---------------|----------------------|--------------------------------------|------------------|--|----------------------|------------------------|
| Metals   |  |  |                |   |               |                      |                                      |                  |  |                      |                        |
| 210P596  | NEW2-DUP-1 (6 - 10)  | 9/26/2002  | Soil           | Tier II                                 | Yes           | Lead                 | CRDL Standard %R                     | 76.5%            | 80% to 120%  | 3400 J               | Duplicate of RAA13-82  |
|  | , ,  | 1  |                |   |               | Thallium             | CRDL Standard %R                     | 164.8%           | 80% to 120%  | ND(2.30) J<br>980 J  |                        |
|  |  |  |                | ****                                    |               | Barium               | MS %R                                | 135.2%<br>76.5%  | 75% to 125%<br>80% to 120%   | 630 J                | ·                      |
| 210P596  | RAA13-A95 (1 - 3)  | 9/26/2002  | Soil           | Tier II                                 | Yes           | Lead                 | CRDL Standard %R<br>CRDL Standard %R | 164.8%           | 80% to 120%  | ND(1.70) J           |                        |
|  |  |  |                |   |               | Thalfium<br>Barium   | MS %R                                | 135.2%           | 75% to 125%  | 200 J                |                        |
| 2I0P596  | RAA13-A99 (0 - 1)  | 9/26/2002  | Soil           | Tier II                                 | Yes           | Lead                 | CRDL Standard %R                     | 76.5%            | 80% to 120%  | 54.0 J               |                        |
| 2101-090   | LOW 12-Waa (0 - 1)   | 9/20/2002  | 300            | 116111                                  | 163           | Thallium             | CRDL Standard %R                     | 164.8%           | 80% to 120%  | ND(1.60) J           |                        |
|  | -  |  | 1 1            |   |               | Barlum               | MS %R                                | 135.2%           | 75% to 125%  | 53.0 J               |                        |
| 2I0P596  | RAA13-B1 (0 - 1)   | 9/26/2002  | Soil           | Tier II                                 | Yes           | Lead                 | CRDL Standard %R                     | 76.5%            | 80% to 120%  | 1000 J               |                        |
| 2,2,000  |  |  |                |   |               | Thallium             | CRDL Standard %R                     | 164.8%           | 80% to 120%  | ND(1.60) J           |                        |
|  |  |  |                |   |               | Barium               | MS %R                                | 135.2%           | 75% to 125%  | 130 J                |                        |
| 210P596  | RAA13-B2 (6 - 10)  | 9/26/2002  | Soil           | Tier II                                 | Yes           | Lead                 | CRDL Standard %R                     | 76.5%            | 80% to 120%  | 4500 J               |                        |
|  |  |  |                |   |               | Thallium             | CRDL Standard %R<br>MS %R            | 164.8%<br>135.2% | 80% to 120%<br>75% to 125%   | ND(1.10) J<br>1200 J |                        |
| -  |  | 419.479.43   | <b> </b>       |   |               | Barium               | CRDL Standard %R                     | 76.5%            | 80% to 120%  | 95,0 J               |                        |
| 210P596  | RAA13-B96 (0 - 1)  | 9/26/2002  | Soil           | Tier II                                 | Yes           | Lead<br>Thallium     | CRDL Standard %R                     | 164.8%           | 80% to 120%  | ND(1.60) J           |                        |
| <del></del>  | -  |  |                |   |               | Barium               | MS %R                                | 135.2%           | 75% to 125%  | 27.0 J               |                        |
| 2I0P596  | RAA13-C3 (0 - 1)   | 9/26/2002  | Soil           | Tier II                                 | Yes           | Lead                 | CRDL Standard %R                     | 76.5%            | 80% to 120%  | 800 J                |                        |
| 2107-390   | 10013-03 (0 - 1)   | 9/20/2002  | 30"            | 1121 11                                 | 163           | Thallium             | CRDL Standard %R                     | 164.8%           | 80% to 120%  | ND(1.60) J           |                        |
|  |  | 1  |                |   |               | Barium               | MS %R                                | 135.2%           | 75% to 125%  | 120 J                |                        |
| 210P596  | RAA13-C5 (0 - 1)   | 9/26/2002  | Soil           | Tier II                                 | Yes           | Barium               | MS %R                                | 135,2%           | 75% to 125%  | 1100 J               |                        |
| 2.07   | 1.04.00  |  |                |   |               | Lead                 | CRDL Standard %R                     | 76.5%            | 80% to 120%  | 8300 J               |                        |
|  |  |  |                |   |               | Thallium             | CRDL Standard %R                     | 164.8%           | 80% to 120%  | 6,10 J               |                        |
| 210P596  | RAA13-C5 (1 - 3)   | 9/26/2002  | Soil           | Tier II                                 | Yes           | Lead                 | CRDL Standard %R                     | 76.5%            | 80% to 120%  | 10000 J              |                        |
|  |  |  | 1 1            |   |               | Thallium             | CRDL Standard %R                     | 164.8%           | 80% to 120%  | 7.90 J               | .4:                    |
|  |  |  |                | ************                            |               | Barium               | MS %R                                | 135.2%           | 75% to 125%  | 1000 J               |                        |
| 2I0P596  | RAA13-C96 (0 - 1)  | 9/26/2002  | Soil           | Tier II                                 | [             | Lead                 | CRDL Standard %R                     | 76.5%            | 80% to 120%  | 100 J                |                        |
|  | 4  |  |                |   |               | Thallium             | CRDL Standard %R                     | 164.8%<br>135.2% | 80% to 120%<br>75% to 125%   | ND(1.60) J<br>31.0 J |                        |
| 454500000000000000000000000000000000000  | The second secon | 24000000   | <del>   </del> | 701 41                                  | Yes           | Barium<br>Lead       | MS %R<br>CRDL Standard %R            | 76.5%            | 80% to 120%  | 27.0 3               |                        |
| 210P596  | RAA13-F96 (0 - 1)  | 9/26/2002  | Soil           | Tier II                                 | Yes           | Thallium             | CROL Standard %R                     | 164.8%           | 80% to 120%  | ND(1.60) J           |                        |
|  |  |  | 1 1            |   |               | Barium               | MS %R                                | 135.2%           | 75% to 125%  | 25.0 J               |                        |
| 210P596  | RB-092602-1 (0 - 0)  | 9/26/2002  | Water          | Tier II                                 | Yes           | Lead                 | CRDL Standard %R                     | 76.5%            | 80% to 120%  | ND(0.00300) J        |                        |
| 2101 000   | THE CORPORE I TO O   | BREGIECOE.   | 1,,,,,,,,      | ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | 1             | Thallium             | CRDL Standard %R                     | 164.8%           | 80% to 120%  | ND(0.00820) J        |                        |
| 2J0P007  | RAA13-A94 (0 - 1)  | 9/30/2002  | Soil           | Tier II                                 | No            |                      |                                      |                  |  |                      |                        |
| 2J0P007  | RAA13-E94 (0 - 1)  | 9/30/2002  | Soil           | Tier II                                 | No            |                      |                                      |                  |  |                      |                        |
| 2J0P007  | RAA13-E95 (1 - 3)  | 9/30/2002  | Soll           | Tier II                                 | No            |                      |                                      |                  | annyana on annyana ong managanian on to an A. M. 100 (MACA MACA MACA MACA MACA MACA MACA MAC |                      |                        |
| 2J0P007  | RAA13-F93 (1 - 3)  | 9/30/2002  | Soll           | Tier II                                 | No            |                      |                                      |                  |  |                      |                        |
| 2J0P007  | RAA13-G94 (0 - 1)  | 9/30/2002  | Soll           | Tier II                                 | No            |                      |                                      |                  | 2001 10001   | +                    | 10                     |
| 2J0P051  | NEW2-DUP-4 (0 - 1)   | 10/1/2002  | Soil           | Tier II                                 | Yes           | Arsenic              | CRDL Standard %R                     | 122.8%           | 80% to 120%  | 17.0 J               | Duplicate of RAA13-G92 |
|  | }  |  |                |   |               | Selenium<br>Thallium | CRDL Standard %R<br>CRDL Standard %R | 127.9%<br>164.7% | 80% to 120%<br>80% to 120%   | ND(1.20) J<br>3.40 J |                        |
| 2J0P051  | RAA13-B90 (0 - 1)  | 10/1/2002  | Soil           | Tier II                                 | Yes           | Arsenic              | CRDL Standard %R CRDL Standard %R    | 122.8%           | 80% to 120%  | 5.20 J               |                        |
| E441, 69.1   | Low rainage to a ct  | 10/1/2002  | 3011           | 1161 H                                  | 100           | Selenium             | CRDL Standard %R                     | 127.9%           | 80% to 120%  | ND(1.30) J           |                        |
|  |  |  |                |   |               | Thalifum             | CRDL Standard %R                     | 164.7%           | 80% to 120%  | ND(2.60) J           |                        |
| 2J0P051  | RAA13-B90 (1 - 3)  | 10/1/2002  | Soil           | Tier II                                 | Yes           | Arsenic              | CRDL Standard %R                     | 122.8%           | 80% to 120%  | 20.0 J               |                        |
|  |  |  |                |   |               | Selenium             | CRDL Standard %R                     | 127.9%           | 80% to 120%  | ND(1,20) J           |                        |
|  |  |  |                |   | -             | Thallium             | CROL Standard %R                     | 164.7%           | 80% to 120%  | 3.00 J               |                        |
| 2J0P051  | RAA13-C92 (0 - 1)  | 10/1/2002  | Soil           | Tier II                                 | Yes           | Arsenic              | CRDL Standard %R                     | 122.8%           | 80% to 120%  | 13.0 J               |                        |
|  | 0001 10/11/2002 50   |  |                |   | Selenium      | CRDL Standard %R     | 127.9%                               | 80% to 120%      | ND(1.10) J   |                      |                        |
| Indiana de antido de la companya de |  | the state of the s | 1              |   | <u> </u>      | Thailium             | CRDL Standard %R                     | 164.7%           | 80% to 120%  | ND(1.80) J           |                        |
| 2J0P051  | RAA13-D90 (0 - 1)  | 10/1/2002  | Soil           | Tier II                                 | Yes           | Arsenic              | CRDL Standard %R                     | 122.8%           | 80% to 120%  | 7.60 J               |                        |
|  |  |  |                |   | 1             | Selenium             | CRDL Standard %R                     | 127.9%           | 80% to 120%  | ND(1.00) J           |                        |
| 2105054  | DANGE FOO (O. A)   | 10HD00F  | 1-2            |   | 1             | Thallium             | CRDL Standard %R                     | 164.7%           | 80% to 120%<br>80% to 120%   | ND(2.10) J<br>16.0 J |                        |
| 2J0P051  | RAA13-E92 (0 - 1)  | 10/1/2002  | Soil           | Tier II                                 | Yes           | Arsenic<br>Selenium  | CRDL Standard %R CRDL Standard %R    | 122.8%<br>127.9% | 80% to 120%  | ND(1.10) J           |                        |
|  | 1  |  |                |   | 1             | Selenium<br>Thallium | CRDL Standard %R                     | 164.7%           | 80% to 120%  | 3.10 J               |                        |
| 2J0P051  | RAA13-G92 (0 - 1)  | 10/1/2002  | Soil           | Tier II                                 | Yes           | Arsenic              | CRDL Standard %R CRDL Standard %R    | 122.8%           | 80% to 120%  | 11.0 J               |                        |
| exer 691   | Landon to - 1)   | 10/1/2002  | oui            | Hei H                                   | 165           | Selenium             | CRDL Standard %R                     | 127.9%           | 80% to 120%  | ND(1.20) J           |                        |
|  |  |  |                |   |               | Thallium             | CRDL Standard %R                     | 164.7%           | 80% to 120%  | 3.60 J               |                        |

# ANALYTICAL DATA VALIDATION SUMMARY GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

| Sample Delivery<br>Group No.   | Sample ID  | Date Collected           | Matrix       | Validation<br>Level | Qualification | Compound             | QA/QC Parameter                      | Value           | Control Limits             | Qualified Result         | Notes  |
|--|--|--------------------------|--------------|---------------------|---------------|----------------------|--------------------------------------|-----------------|----------------------------|--------------------------|--|
| Metals (continue   |  | Date Collected           | Matrix       | 20101               | Quantication  | Compound             | QAQOT atamotos                       | 1 44.00         | Tooman carries             | 1 40000000               | ***************************************  |
| 2JOP051  | R8-100102-2 (0 - 0)  | 10/1/2002                | Water        | Tier II             | Yes           | Arsenic              | CRDL Standard %R                     | 122.8%          | 80% to 120%                | ND(0,0100) J             | T  |
| 2001 001   | 100102-2 (0 - 0)   | 10,172,002               | TV CINCS     | TIGI II             | 1 100         | Selenium             | CRDL Standard %R                     | 127.9%          | 80% to 120%                | ND(0.00500) J            |  |
|  |  |                          |              |                     | İ             | Thallium             | CRDL Standard %R                     | 164.7%          | 80% to 120%                | ND(0.0100) J             |  |
| 2J0P176  | RAA13-A89 (0 - 1)  | 10/4/2002                | Soil         | Tier II             | No            |                      |                                      |                 |                            |                          |  |
| 2J0P178  | RAA13-Z84 (0 - 1)  | 10/4/2002                | Soil         | Tier II             | No            |                      |                                      |                 |                            |                          |  |
| 2J0P176  | RAA13-Z84 (1 - 3)  | 10/4/2002                | Soil         | Tier II             | No            |                      |                                      |                 |                            |                          | #  |
| 2J0P176  | RAA13-Z84 (3 - 6)  | 10/4/2002                | Soil         | Tier II             | No            |                      |                                      |                 |                            |                          |  |
| 2J0P176  | RAA13-Z85 (0 - 1)  | 10/4/2002                | Soil         | Tier II             | No            |                      |                                      |                 |                            |                          |  |
| 2J0P176  | RAA13-Z85 (1 - 3)  | 10/4/2002                | Soil         | Tier II             | No            |                      |                                      |                 |                            |                          |  |
| J0P176   | RAA13-Z85 [3 - 6]  | 10/4/2002                | Soil         | Tier II             | No            |                      |                                      |                 |                            |                          |  |
| 2J0P176  | RAA13-Z88 (0 - 1)  | 10/4/2002                | Soil         | Tier II             | No            |                      |                                      |                 | 00011 10001                | F 60 1                   | F  |
| 2J0P292  | NEW2-DUP-6 (0 - 1)   | 10/9/2002                | Soil         | Tier II             | Yes           | Arsenic              | CRDL Standard %R                     | 78.4%           | 80% to 120%                | 5.60 J<br>ND(1,00) J     | Duplicate of RAA13-C98   |
|  |  | 1                        |              |                     | I             | Silver               | CRDL Standard %R                     | 132.1%<br>78.4% | 80% to 120%<br>80% to 120% | 160 J                    |  |
| and the second s |  |                          | 1            |                     | <u> </u>      | Zinc                 | CRDL Standard %R<br>CRDL Standard %R | 78.4%           | 80% to 120%                | 10 J                     |  |
| 2J0P292  | RAA13-A97 (0 - 1)  | 10/9/2002                | Soil         | Tier II             | Yes           | Arsenic              | CRDL Standard %R                     | 132.1%          | 80% to 120%                | ND(1.00) J               |  |
|  |  |                          |              |                     | 1             | Silver<br>Zinc       | CRDL Standard %R                     | 78.4%           | 80% to 120%                | 1100 J                   |  |
| JOP292   | RAA13-B97 (3 - 6)  | 10/9/2002                | Soit         | Tier II             | Yes           | Arsenic              | CRDL Standard %R                     | 78.4%           | 80% to 120%                | 4.8 J                    |  |
| COVE 284   | LAA/19-Bat (9 - 0)   | 10/8/2002                | 2011         | 1161 11             | 165           | Silver               | CRDL Standard %R                     | 132.1%          | 80% to 120%                | ND(1.00) J               |  |
|  |  |                          |              |                     | 1             | Zinc                 | CRDL Standard %R                     | 78.4%           | 80% to 120%                | 48 J                     |  |
| 2J0P292  | RAA13-899 (1 - 3)  | 10/9/2002                | Soil         | Tier II             | Yes           | Arsenic              | CRDL Standard %R                     | 78.4%           | 80% to 120%                | 5.1 J                    |  |
| LOUI LOL   | 10000000000  | , or or z con            | 00"          | 1101 17             | 1             | Silver               | CRDL Standard %R                     | 132.1%          | 80% to 120%                | ND(1.00) J               |  |
|  |  |                          |              |                     |               | Zinc                 | CRDL Standard %R                     | 78.4%           | 80% to 120%                | 260 J                    |  |
| 2J0P292  | RAA13-C98 (0 - 1)  | 10/9/2002                | Soil         | Tier II             | Yes           | Arsenic              | CRDL Standard %R                     | 78.4%           | 80% to 120%                | 6.8 J                    |  |
|  |  |                          |              |                     |               | Silver               | CRDL Standard %R                     | 132.1%          | 80% to 120%                | ND(1.00) J               |  |
|  |  | <u> </u>                 | 1            |                     | 1             | Zinc                 | CROL Standard %R                     | 78.4%           | 80% to 120%                | 170 J                    |  |
| 2J0P292  | RAA13-D97 (1 - 3)  | 10/9/2002                | Soil         | Tier II             | Yes           | Arsenic              | CRDL Standard %R                     | 78.4%           | 80% to 120%                | 5 J                      |  |
|  |  |                          |              |                     |               | Silver               | CRDL Standard %R                     | 132.1%          | 80% to 120%                | ND(1.00) J               |  |
|  |  |                          |              |                     |               | Zinc                 | CRDL Standard %R                     | 78.4%           | 80% to 120%                | 53 J                     |  |
| 2J0P292  | RAA13-D98 (0 - 1)  | 10/9/2002                | Soil         | Tier II             | Yes           | Arsenic              | CRDL Standard %R                     | 78.4%           | 80% to 120%                | 5.7 J                    |  |
|  |  |                          |              |                     | l             | Silver               | CRDL Standard %R                     | 132.1%          | 80% to 120%                | ND(1.00) J               |  |
|  |  |                          |              |                     |               | Zinc                 | CROL Standard %R                     | 78.4%           | 80% to 120%                | 85 J                     | **************************************   |
| 2J0P292  | RB-100902-1 (0 - 0)  | 10/9/2002                | Water        | Tier II             | Yes           | Arsenic              | CRDL Standard %R                     | 78.4%           | 80% to 120%                | ND(0.01) J               |  |
|  |  |                          |              |                     | 1             | Silver               | CRDL Standard %R                     | 132.1%          | 80% to 120%                | ND(0,005) J              |  |
| 3 105 450  | The second secon |                          |              |                     |               | Zinc                 | CRDL Standard %R                     | 78.4%           | 80% to 120%                | 0.034 J                  |  |
| 2J0P453  | RAA13-E87 (0 - 1)  | 10/15/2002               | Soil         | Tier II             | Yes           | Selenium             | CRDL Standard %R                     | 71.2%           | 80% to 120%                | ND(1.00) J               |  |
| 2J0P453<br>2J0P453   | RAA13-G90 (0 - 1)  | 10/15/2002               | Soil         | Tier II             | Yes           | Selenium             | CRDL Standard %R                     | 71.2%           | 80% to 120%                | ND(1.10) J               |  |
| 2J0P453  | RAA13-I92 (0 - 1)<br>RAA13-J92 (0 - 1)   | 10/15/2002<br>10/15/2002 | Soil         | Tier II             | Yes           | Selenium<br>Selenium | CRDL Standard %R<br>CRDL Standard %R | 71.2%<br>71.2%  | 80% to 120%<br>80% to 120% | ND(1.00) J<br>ND(1.00) J |  |
| 2J0P477  | RAA13-290 (0 - 1)  | 10/16/2002               | Soil<br>Soil | Tier II             | Yes<br>Yes    | Selenium<br>Selenium | CRDL Standard %R<br>CRDL Standard %R | 71.2%           | 80% to 120%                | ND(1.00) J               |  |
| :JUF 411   | 100010-E80 (0 - 1)   | 10/10/2002               | 2011         | HetH                | Tes           | Zinc                 | CRDL Standard %R                     | 75.2%           | 80% to 120%                | 660 J                    |  |
| J0P477   | RAA13-Z90 (1 - 3)  | 10/16/2002               | Soil         | Tier II             | Yes           | Selenium             | CRDL Standard %R                     | 71.2%           | 80% to 120%                | ND(1.00) J               |  |
| 2001 411   | 100000230 (1 - 0)  | 10/10/2002               | 3011         | rici ii             | 165           | Zinc                 | CRDL Standard %R                     | 75.2%           | 80% to 120%                | 1200 J                   |  |
| J0P622   | RAA13-A83 (0 - 1)  | 10/22/2002               | Soil         | Tier II             | Yes           | Arsenic              | CRDL Standard %R                     | 66.3%           | 80% to 120%                | 4.50 J                   | · · · · · · · · · · · · · · · · · · ·  |
|  | 1001107100 (0 1)   | 10/22/2002               | 00"          | rioi ii             | 163           | Cadmium              | CRDL Standard %R                     | 121.8%          | 80% to 120%                | ND(0,500) J              |  |
|  |  |                          |              |                     |               | Copper               | CRDL Standard %R                     | 121.0%          | 80% to 120%                | 33.0 J                   |  |
|  |  |                          |              |                     | 1             | Selenium             | CRDL Standard %R                     | 132.0%          | 80% to 120%                | ND(1.00) J               |  |
|  |  |                          |              |                     |               | Thallium             | CRDL Standard %R                     | 192.7%          | 80% to 120%                | ND(2.10) J               |  |
|  |  |                          |              |                     |               | Zinc                 | CRDL Standard %R                     | 78.6%           | 80% to 120%                | 76.0 J                   |  |
| J0P622   | RAA13-A83 (1 - 3)  | 10/22/2002               | Soil         | Tier II             | Yes           | Arsenic              | CRDL Standard %R                     | 66.3%           | 80% to 120%                | 5.60 J                   | and the same and t |
|  |  |                          | ]            |                     |               | Cadmium              | CRDL Standard %R                     | 121.8%          | 80% to 120%                | ND(0.500) J              |  |
|  |  |                          |              |                     |               | Copper               | CRDL Standard %R                     | 121.0%          | 80% to 120%                | 36.0 J                   |  |
|  |  |                          |              |                     |               | Selenium             | CRDL Standard %R                     | 132.0%          | 80% to 120%                | ND(1.00) J               |  |
|  |  |                          |              |                     |               | Thallium             | CRDL Standard %R                     | 192.7%          | 80% to 120%                | ND(2.00) J               |  |
|  |  |                          |              |                     |               | Zinc                 | CRDL Standard %R                     | 78.6%           | 80% to 120%                | 83.0 J                   |  |
| J0P622   | RAA13-A83 (10 - 15)  | 10/22/2002               | Soil         | Tier II             | Yes           | Arsenic              | CRDL Standard %R                     | 66.3%           | 80% to 120%                | 1.30 J                   |  |
|  |  |                          |              |                     |               | Cadmium              | CRDL Standard %R                     | 121.8%          | 80% to 120%                | ND(0.200) J              |  |
|  |  |                          |              |                     | -             | Copper               | CRDL Standard %R                     | 121.0%          | 80% to 120%                | 7.20 J                   |  |
|  |  |                          | ) l          |                     |               | Selenium             | CRDL Standard %R                     | 132.0%          | 80% to 120%                | ND(1.20) J               |  |
|  |  |                          |              |                     | ***           | Thallium             | CRDL Standard %R                     | 192.7%          | 80% to 120%                | ND(2.40) J               |  |
|  | 1  |                          |              | ~                   | 1             | Zinc                 | CRDL Standard %R                     | 78.6%           | 80% to 120%                | 47.0 J                   | 1  |

### ANALYTICAL DATA VALIDATION SUMMARY GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

| Sample Delivery<br>Group No. | Sample ID                              | Date Collected                          | Matrix       | Validation<br>Level | Qualification                                    | Compound             | QA/QC Parameter                      | Value                                   | Control Limits                | Qualified Result   | Notes   |
|------------------------------|--|---|--------------|---------------------|--|----------------------|--------------------------------------|---|-------------------------------|--|---|
| Metals (continued            |  |   | 1            |                     | <u> </u>   |                      |                                      |   |                               |  |   |
| 2J0P622                      | RAA13-A84 (0 - 1)                      | 10/22/2002                              | Soil         | Tier II             | Yes  | Arsenic              | CRDL Standard %R                     | 66.3%                                   | 80% to 120%                   | 5.50 J   |   |
|                              | 1                                      |   |              |                     |  | Cadmium              | CRDL Standard %R                     | 121.8%                                  | 80% to 120%                   | ND(0,500) J  |   |
|                              |  |   |              |                     |  | Copper               | CRDL Standard %R                     | 121.0%                                  | 80% to 120%                   | 48.0 J   |   |
|                              |  |   |              |                     |  | Selenium             | CRDL Standard %R                     | 132.0%                                  | 80% to 120%                   | ND(1.10) J   |   |
|                              |  |   |              |                     |  | Thailium             | CRDL Standard %R                     | 192.7%<br>78.6%                         | 80% to 120%<br>80% to 120%    | ND(2,20) J<br>88.0 J   |   |
|                              |  |   |              |                     |  | Zinc                 | CRDL Standard %R CRDL Standard %R    | 66.3%                                   | 80% to 120%                   | 2.40 J   |   |
| 2J0P622                      | RAA13-A84 (1 - 3)                      | 10/22/2002                              | Soil         | Tier II             | Yes  | Arsenic              | CRDL Standard %R                     | 121.8%                                  | 80% to 120%                   | ND(0.190) J  | **************************************  |
|                              |  |   |              |                     |  | Cadmium<br>Copper    | CRDL Standard %R                     | 121.0%                                  | 80% to 120%                   | 10.0 J   |   |
|                              |  |   |              |                     |  | Selenium             | CRDL Standard %R                     | 132.0%                                  | 80% to 120%                   | ND(1.00) J   |   |
|                              |  |   | i            |                     |  | Thallium             | CRDL Standard %R                     | 192.7%                                  | 80% to 120%                   | ND(2.00) J   |   |
|                              |  | 1                                       |              |                     |  | Zinc                 | CRDL Standard %R                     | 78.6%                                   | 80% to 120%                   | 42.0 J   |   |
| 2J0P622                      | RAA13-A84 (6 + 10)                     | 10/22/2002                              | Soil         | Tier II             | Yes  | Arsenic              | CRDL Standard %R                     | 66.3%                                   | 80% to 120%                   | 4.80 J   |   |
|                              | 1                                      | , |              |                     |  | Cadmium              | CRDL Standard %R                     | 121.8%                                  | 80% to 120%                   | ND(0.190) J  |   |
|                              |  |   |              |                     |  | Copper               | CRDL Standard %R                     | 121.0%                                  | 80% to 120%                   | 24.0 J   |   |
|                              |  |   | ĺ            |                     |  | Selenium             | CRDL Standard %R                     | 132.0%                                  | 80% to 120%                   | ND(1.10) J   |   |
|                              |  |   |              |                     |  | Thallium             | CRDL Standard %R                     | 192.7%                                  | 80% to 120%                   | ND(2.20) J   |   |
|                              |  |   |              |                     | 1  | Zinc                 | CRDL Standard %R                     | 78.6%                                   | 80% to 120%                   | 62.0 J<br>5.10 J   |   |
| 2J0P622                      | RAA13-A86 (0 - 1)                      | 10/22/2002                              | Soil         | Tier II             | Yes  | Arsenic              | CRDL Standard %R<br>CRDL Standard %R | 66.3%<br>121.8%                         | 80% to 120%<br>80% to 120%    | 0.740 J  |   |
|                              |  |   |              |                     | }  | Cadmium              | CROL Standard %R<br>CRDL Standard %R | 121.0%                                  | 80% to 120%                   | 120 J  |   |
|                              |  | 1                                       |              | ļ                   |  | Copper<br>Selenium   | CRDL Standard %R                     | 132.0%                                  | 80% to 120%                   | ND(1.10) J   | THE RESIDENCE OF THE PROPERTY |
|                              |  |   |              | }                   |  | Thallium             | CRDL Standard %R                     | 192.7%                                  | 80% to 120%                   | ND(2.30) J   |   |
|                              | 1                                      |   |              |                     |  | Zinc                 | CRDL Standard %R                     | 78.6%                                   | 80% to 120%                   | 190 J  |   |
| 2J0P622                      | RAA13-A86 (1 - 3)                      | 10/22/2002                              | Soil         | Tier II             | Yes  | Arsenic              | CRDL Standard %R                     | 66.3%                                   | 80% to 120%                   | 7,50 J   |   |
| EJOI ORE                     | 100110110111100                        | TOTAL COL                               | 0011         | 1101.17             |  | Cadmium              | CRDL Standard %R                     | 121.8%                                  | 80% to 120%                   | 0.620 J  | Ĭ   |
|                              |  | 1                                       |              |                     |  | Copper               | GRDL Standard %R                     | 121.0%                                  | 80% to 120%                   | 160 J  |   |
|                              |  | 1                                       |              |                     | 1  | Selenium             | CRDL Standard %R                     | 132.0%                                  | 80% to 120%                   | ND(1.00) J   |   |
|                              |  |   |              |                     | 1  | Thallium             | CRDL Standard %R                     | 192.7%                                  | 80% to 120%                   | ND(1.70) J   |   |
|                              |  |   |              |                     |  | Zinc                 | CRDL Standard %R                     | 78.6%                                   | 80% to 120%                   | 1200 J   |   |
| 2J0P660                      | NEW2-DUP-8 (6 - 10)                    | 10/23/2002                              | Soil         | Tier II             | No   |                      |                                      |   |                               | AND THE RESERVE OF THE PROPERTY OF THE PROPERT |   |
| 2J0P660                      | RAA13-F89 (0 - 1)                      | 10/23/2002                              | Soil         | Tier II             | No   |                      |                                      |   |                               |  |   |
| 2J0P660                      | RAA13-F89 (1 - 3)                      | 10/23/2002                              | Soil         | Tier II             | No   |                      |                                      |   |                               |  |   |
| 2J0P660                      | RAA13-F89 (10 - 15)                    | 10/23/2002                              | Soil         | Tier II             | No   |                      |                                      |   |                               |  |   |
| 2J0P660<br>2J0P660           | RAA13-H89 (0 - 1)<br>RAA13-H89 (1 - 3) | 10/23/2002<br>10/23/2002                | Soil<br>Soil | Tier II<br>Tier II  | No<br>No   |                      |                                      |   |                               |  |   |
| 2J0P660                      | RAA13-H89 (6 - 10)                     | 10/23/2002                              | Soil         | Tier II             | No   |                      |                                      | *************************************** |                               |  |   |
| 2J0P660                      | RB-102302-1 (0 - 0)                    | 10/23/2002                              | Water        | Tier II             | No   |                      |                                      |   | ***************************** | A Part of the Control |   |
| 2J0P703                      | RAA13-1 (21 - 23)                      | 10/24/2002                              | Soil         | Tier II             | Yes  | Selenium             | CRDL Standard %R                     | 77.2%                                   | 80% to 120%                   | ND(1,10) J   |   |
|                              |  | 1002.002                                |              |                     |  | Thallium             | CRDL Standard %R                     | 125.7%                                  | 80% to 120%                   | ND(2.10) J   |   |
|                              |  |   | 1            |                     |  | Zinc                 | CRDL Standard %R                     | 77,8%                                   | 80% to 120%                   | 67.0 J   |   |
| 2J0P703                      | RAA13-1 (3 - 6)                        | 10/24/2002                              | Soil         | Tier II             | Yes  | Selenium             | CRDL Standard %R                     | 77.2%                                   | 80% to 120%                   | ND(1.20) J   |   |
|                              |  |   |              | 1                   |  | Thallium             | CRDL Standard %R                     | 125.7%                                  | 80% to 120%                   | ND(2.30) J   |   |
|                              |  |   |              |                     | 1  | Zinc                 | CRDL Standard %R                     | 77.8%                                   | 80% to 120%                   | 790 J  |   |
| 2J0P703                      | RAA13-B78 (0 - 1)                      | 10/24/2002                              | Soil         | Tier II             | Yes  | Selenium             | CRDL Standard %R                     | 77.2%                                   | 80% to 120%                   | ND(1.30) J   |   |
|                              |  |   | 1            | 1                   |  | Thallium             | CRDL Standard %R                     | 125.7%                                  | 80% to 120%                   | ND(2.70) J<br>130 J  |   |
| 2J0P703                      | C3A 64 2 E2 TO 74 CX                   | d th log 4 dr. o co                     | 1 6.0        | 7:                  | <del>                                     </del> | Zinc                 | CRDL Standard %R                     | 77.8%<br>77.2%                          | 80% to 120%<br>80% to 120%    | ND(0.660) J  |   |
| 2307103                      | RAA13-B78 (1 - 3)                      | 10/24/2002                              | Soil         | Tier II             | Yes  | Selenium<br>Thallium | CRDL Standard %R CRDL Standard %R    | 125.7%                                  | 80% to 120%                   | ND(0.000) J  |   |
|                              |  | 1                                       |              |                     |  | Zinc                 | CRDL Standard %R                     | 77.8%                                   | 80% to 120%                   | 140 J  |   |
| 2J0P703                      | RAA13-B78 (3 - 6)                      | 10/24/2002                              | Soil         | Tier II             | Yes  | Selenium             | CRDL Standard %R                     | 77.2%                                   | 80% to 120%                   | ND(1.00) J   |   |
| 2001 100                     | xx10.010 (0 . 0)                       | 1012412002                              | 3011         | 1 1807 11           | 163  | Thallium             | CRDL Standard %R                     | 125.7%                                  | 80% to 120%                   | ND(1.90) J   |   |
|                              |  |   |              | 1                   |  | Zinc                 | CRDL Standard %R                     | 77.8%                                   | 80% to 120%                   | 68.0 J   |   |
| 2J0P703                      | RAA13-879 (0 - 1)                      | 10/24/2002                              | Soil         | Tier II             | Yes  | Selenium             | CRDL Standard %R                     | 77.2%                                   | 80% to 120%                   | ND(1.20) J   |   |
|                              | 1                                      |   | 1            |                     | 1  | Thallium             | CRDL Standard %R                     | 125.7%                                  | 80% to 120%                   | ND(2.30) J   |   |
|                              |  |   |              |                     |  | Zinc                 | CRDL Standard %R                     | 77.8%                                   | 80% to 120%                   | 230 J  |   |
| 2J0P703                      | RAA13-B79 (1 - 3)                      | 10/24/2002                              | Soil         | Tier II             | Yes  | Selenium             | CRDL Standard %R                     | 77.2%                                   | 80% to 120%                   | ND(0.710) J  |   |
|                              |  |   |              |                     |  | Thallium             | CRDL Standard %R                     | 125.7%                                  | 80% to 120%                   | ND(2.00) J   |   |
|                              |  |   | 1            |                     |  | Zinc                 | CRDL Standard %R                     | 77.8%                                   | 80% to 120%                   | 750 J  |   |
| 2J0P703                      | RAA13-B79 (6 - 10)                     | 10/24/2002                              | Soil         | Tier II             | Yes  | Selenium             | CRDL Standard %R                     | 77.2%                                   | 80% to 120%                   | ND(1.00) J   |   |
|                              |  |   | 1            | 1                   | 1  | Thallium             | CRDL Standard %R                     | 125.7%                                  | 80% to 120%                   | ND(2.10) J   |   |
|                              | 1                                      |   | 1            | 1                   | 1  | Zinc                 | CRDL Standard %R                     | 77.8%                                   | 80% to 120%                   | 1 70.0 J   |   |

# ANALYTICAL DATA VALIDATION SUMMARY GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

| Sample Delivery<br>Group No.                               | Sample ID            | Date Collected   | Matrix     | Validation<br>Level | Qualification | Compound         | QA/QC Parameter                 | Value       | Control Limits | Qualified Result                | Notes                                   |      |        |                        |
|--|----------------------|--|------------|---------------------|---------------|------------------|---------------------------------|-------------|----------------|---------------------------------|---|------|--------|------------------------|
| Metais (continue   |                      | Date Collected   | Matrix     | Laver               | Quanication   | Compound         | (AVQC Paramote)                 | 1 44140     | COMI OI LIMINS | 1 Gaanned Neson                 | Inorda                                  |      |        |                        |
| 2J0P703  | RAA13-B86 (0 - 1)    | 10/24/2002   | Soil       | Tier II             | Yes           | Selenium         | CRDL Standard %R                | 77.2%       | 80% to 120%    | ND(1.10) J                      | T                                       |      |        |                        |
| 2301103  | FOOK 13-BB0 (0 - 1)  | 10/24/2002   | 3011       | 116/11              | 163           | Thallium         | CRDL Standard %R                | 125.7%      | 80% to 120%    | ND(3.40) J                      |   |      |        |                        |
|  | 1                    |  | 1 1        |                     | į.            | Zinc             | CRDL Standard %R                | 77.8%       | 80% to 120%    | 910 J                           |   |      |        |                        |
| 2J0P703  | RAA13-886 (1 - 3)    | 10/24/2002   | Soll       | Tier II             | Yes           | Selenium         | CRDL Standard %R                | 77.2%       | 80% to 120%    | ND(2.00) J                      |   |      |        |                        |
| 2301 100   | [100110 000 (1 1 0)  | 10/24/2002   | 1 30%      | 110(1)              | 100           | Thallium         | CRDL Standard %R                | 125.7%      | 80% to 120%    | ND(4.10) J                      |   |      |        |                        |
|  |                      |  | 1 1        |                     |               | Zine             | CRDL Standard %R                | 77.8%       | 80% to 120%    | 130 J                           |   |      |        |                        |
| 2J0P703  | RAA13-B86 (3 - 6)    | 10/24/2002   | Soil       | Tier II             | Yes           | Selenium         | CRDL Standard %R                | 77.2%       | 80% to 120%    | ND(1.70) J                      | ~ · · · · · · · · · · · · · · · · · · · |      |        |                        |
|  |                      |  |            |                     |               | Thallium         | CRDL Standard %R                | 125.7%      | 80% to 120%    | ND(3.40) J                      |   |      |        |                        |
|  |                      |  |            |                     |               | Zinc             | CRDL Standard %R                | 77.8%       | 80% to 120%    | 80.0 J                          |   |      |        |                        |
| 2J0P703  | RAA13-B87 (0 - 1)    | 10/24/2002   | Soil       | Tier II             | Yes           | Selenium         | CRDL Standard %R                | 77.2%       | 80% to 120%    | ND(0.920) J                     |   |      |        |                        |
|  |                      |  | 1 1        |                     |               | Thallium         | CRDL Standard %R                | 125.7%      | 80% to 120%    | ND(2.60) J                      |   |      |        |                        |
|  | •                    |  | 1 1        |                     | 1             | Zinc             | CRDL Standard %R                | 77.8%       | 80% to 120%    | 790 J                           |   |      |        |                        |
| 2J0P703  | RAA13-887 (1 - 3)    | 10/24/2002   | Soil       | Tier II             | Yes           | Selenium         | CRDL Standard %R                | 77.2%       | 80% to 120%    | ND(1.40) J                      |   |      |        |                        |
|  |                      |  | 1 1        |                     |               | Thallium         | CRDL Standard %R                | 125.7%      | 80% to 120%    | ND(2.70) J                      |   |      |        |                        |
|  |                      |  |            |                     |               | Zinc             | CRDL Standard %R                | 77.8%       | 80% to 120%    | 81.0 J                          |   |      |        |                        |
| 2J0P703  | RAA13-B87 (3 - 6)    | 10/24/2002   | Soil       | Tier II             | Yes           | Selenium         | CRDL Standard %R                | 77.2%       | 80% to 120%    | ND(1.10) J                      |   |      |        |                        |
|  |                      |  |            |                     |               | Thailium         | CRDL Standard %R                | 125.7%      | 80% to 120%    | ND(2.20) J                      |   |      |        |                        |
|  |                      |  | 1          |                     |               | Zinc             | CRDL Standard %R                | 77.8%       | 80% to 120%    | 45.0 J                          |   |      |        |                        |
| 2J0P703  | RAA13-C87 (0 - 1)    | 10/24/2002   | Soil       | Tier II             | Yes           | Selenium         | CRDL Standard %R                | 77.2%       | 80% to 120%    | ND(1.00) J                      |   |      |        |                        |
|  |                      |  |            |                     |               | Thallium         | CRDL Standard %R                | 125.7%      | 80% to 120%    | ND(2.00) J                      |   |      |        |                        |
|  |                      |  | 1 1        |                     |               | Zinc             | CRDL Standard %R                | 77.8%       | 80% to 120%    | 78.0 J                          |   |      |        |                        |
| 2J0P703  | RAA13-C87 (3 - 6)    | 10/24/2002   | Soil       | Tier II             | Yes           | Selenium         | CRDL Standard %R                | 77.2%       | 80% to 120%    | ND(1.00) J                      |   |      |        |                        |
|  |                      |  |            |                     |               | Thallium         | CRDL Standard %R                | 125.7%      | 80% to 120%    | ND(2.00) J                      |   |      |        |                        |
|  |                      |  | 1 1        |                     |               | Zinc             | CRDL Standard %R                | 77.8%       | 80% to 120%    | 98.0 J                          |   |      |        |                        |
| 2J0P703  | RAA13-D87 (0 - 1)    | 10/24/2002   | Soll       | Tier II             | Yes           | Selenium         | CRDL Standard %R                | 77.2%       | 80% to 120%    | ND(1.00) J                      |   |      |        |                        |
|  | 308                  |  |            | 1                   | Thallium      | CRDL Standard %R | 125.7%                          | 80% to 120% | ND(2.10) J     |                                 |   |      |        |                        |
|  |                      |  | 1 1        |                     |               | Zinc             | CRDL Standard %R                | 77.8%       | 80% to 120%    | 230 J                           |   |      |        |                        |
| 2J0P703  | RAA13-D87 (1 - 3)    | 10/24/2002   | Soil       | Tier II             | Yes           | Selenium         | CRDL Standard %R                | 77.2%       | 80% to 120%    | ND(1.10) J                      |   |      |        |                        |
|  |                      |  |            |                     | 1             | Thallium         | CRDL Standard %R                | 125.7%      | 80% to 120%    | ND(2.20) J                      |   |      |        |                        |
| adamental T. C. 1991 a division on the second property and |                      |  |            |                     |               | Zinc             | CRDL Standard %R                | 77.8%       | 80% to 120%    | 92.0 J                          |   |      |        |                        |
| 2J0P752  | NEW2-DUP-10 (6 - 10) | 10/25/2002   | 10/25/2002 | 10/25/2002          | 10/25/2002    | Soil             | Tier II                         | Yes         | Chromium       | Laboratory Duplicate RPD (Soil) | 60.6%                                   | <35% | 13.0 J | Duplicate of RAA13-B84 |
|  | •                    |  | 1 1        |                     | <b> </b>      | Copper           | Laboratory Duplicate RPD (Soil) | 40.9%       | <35%           | 38.0 J                          |   |      |        |                        |
|  |                      | l  | 1 1        |                     |               | Nickel           | Laboratory Duplicate RPD (Soil) | 44.6%       | <35%           | 26.0 J                          |   |      |        |                        |
|  | -                    |  | 1 1        |                     |               | Vanadium         | Laboratory Duplicate RPD (Soil) | 60.5%       | <35%           | 11.0 J                          |   |      |        |                        |
| ***************************************                    |                      | and the contract of the contra | 1          |                     |               | Zinc             | Laboratory Duplicate RPD (Soil) | 59.6%       | <35%           | 74.0 J                          |   |      |        |                        |
| 2J0P752  | RAA13-B84 (0 - 1)    | 10/25/2002   | Soil       | Tier II             | Yes           | Chromium         | Laboratory Duplicate RPD (Soil) | 60.6%       | <35%           | 16.0 J                          | 1                                       |      |        |                        |
|  | ***                  |  | 1 1        |                     | 1             | Copper           | Laboratory Duplicate RPD (Soil) | 40.9%       | <35%           | 27.0 J                          |   |      |        |                        |
|  | l                    | ļ  | 1 1        |                     |               | Nickel           | Laboratory Duplicate RPD (Soil) | 44.6%       | <35%           | 17.0 J                          |   |      |        |                        |
|  | 1                    |  |            |                     |               | Vanadium         | Laboratory Duplicate RPD (Soil) | 60.5%       | <35%           | 13.0 J                          |   |      |        |                        |
|  |                      | 40.7000 tarasanaya yaya 1000,000 taraban baranan ana an  |            |                     |               | Zinc             | Laboratory Duplicate RPD (Soil) | 59.6%       | <35%           | 76.0 J                          |   |      |        |                        |
| 2J0P752  | RAA13-B84 (1 - 3)    | 10/25/2002   | Soil       | Tier ()             | Yes           | Chromium         | Laboratory Duplicate RPD (Soil) | 60.6%       | <35%           | 9.80 J                          |   |      |        |                        |
|  |                      |  | 1          |                     |               | Copper           | Laboratory Duplicate RPD (Soil) | 40.9%       | <35%           | 24.0 J                          |   |      |        |                        |
|  |                      |  |            |                     |               | Nickel           | Laboratory Duplicate RPD (Soil) | 44.6%       | <35%           | 16.0 J                          |   |      |        |                        |
|  |                      |  |            |                     | Į             | Vanadium         | Laboratory Duplicate RPD (Soil) | 60.5%       | <35%           | 10.0 J                          |   |      |        |                        |
| n in Date of   |                      | *  |            |                     | ļ.,           | Zinc             | Laboratory Duplicate RPD (Soil) | 59.6%       | <35%           | 50.0 J                          |   |      |        |                        |
| 2J0P752  | RAA13-884 (6 - 10)   | 10/25/2002   | Soil       | Tier II             | Yes           | Chromium         | Laboratory Duplicate RPD (Soil) | 60.6%       | <35%           | 11.0 J                          |   |      |        |                        |
|  |                      |  | 1 1        |                     |               | Copper           | Laboratory Duplicate RPD (Soil) | 40.9%       | <35%           | 38.0 J                          |   |      |        |                        |
|  |                      |  |            |                     | 1             | Nickel           | Laboratory Duplicate RPD (Soil) | 44.6%       | <35%           | 27.0 J                          |   |      |        |                        |
|  |                      |  |            |                     | 1             | Vanadium         | Laboratory Duplicate RPD (Soil) | 60.5%       | <35%           | 11.0 J                          |   |      |        |                        |
| A 10/2770  |                      |  | 1          |                     |               | Zinc             | Laboratory Duplicate RPD (Soil) | 59.6%       | <35%           | 71.0 J                          |   |      |        |                        |
| 2J0P752  | RAA13-C85 (0 - 1)    | 10/25/2002   | Soil       | Tier II             | Yes           | Chromium         | Laboratory Duplicate RPD (Soil) | 60.6%       | <35%           | 24.0 J                          |   |      |        |                        |
|  | <u> </u>             |  |            |                     | 1             | Copper           | Laboratory Duplicate RPD (Soli) | 40.9%       | <35%           | 47.0 J                          |   |      |        |                        |
|  |                      |  |            |                     |               | Nickel           | Laboratory Duplicate RPD (Soil) | 44.6%       | <35%           | 18.0 J                          | 1                                       |      |        |                        |
|  | 1                    |  |            |                     |               | Vanadium         | Laboratory Duplicate RPD (Soil) | 60.5%       | <35%           | 15.0 J                          |   |      |        |                        |
| ******   |                      | **************************************   | <u> </u>   |                     | 1             | Zinc             | Laboratory Duplicate RPD (Soil) | 59.6%       | <35%           | 130 J                           |   |      |        |                        |
| 2J0P752  | RAA13-C85 (1 - 3)    | 10/25/2002   | Soil       | Tier II             | Yes           | Chromium         | Laboratory Duplicate RPD (Soil) | 60.6%       | <35%           | 19.0 J                          |   |      |        |                        |
|  | 1                    |  | ]          |                     | 1             | Copper           | Laboratory Duplicate RPD (Soil) | 40.9%       | <35%           | 48.0 J                          |   |      |        |                        |
|  |                      | ,  |            |                     | J i           | Nickel           | Laboratory Duplicate RPD (Soil) | 44.6%       | <35%           | 38.0 J                          |   |      |        |                        |
|  | 1                    |  | , ,        |                     |               | Vanadium         | Laboratory Duplicate RPD (Soil) | 60.5%       | <35%           | 19.0 J                          |   |      |        |                        |
|  | 1                    |  |            |                     | ]             | Zinc             | Laboratory Duplicate RPD (Soil) | 59.6%       | <35%           | 120 J                           |   |      |        |                        |

# ANALYTICAL DATA VALIDATION SUMMARY GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

| Sample Delivery<br>Group No. | Sample ID                              | Date Collected   | Matrix       | Validation<br>Level | Qualification | Compound   | QA/QC Parameter   | Value          | Control Limits             | Qualified Result             | Notes  |
|------------------------------|--|--|--------------|---------------------|---------------|--|---|----------------|----------------------------|------------------------------|--|
| Metals (continued            |  | to the same of the | 1,11,111,111 |                     |               |  |   |                |                            |                              |  |
| 2J0P752                      | RAA13-C85 (6 - 10)                     | 10/25/2002   | Soil         | Tier II             | Yes           | Chromium   | Laboratory Duplicate RPD (Soil)   | 60.6%          | <35%                       | 9.60 J                       |  |
| 200, 102                     | 1000000                                |  |              |                     |               | Copper   | Laboratory Duplicate RPD (Soil)   | 40.9%          | <35%                       | 34.0 J                       |  |
|                              |  |  |              |                     | }             | Nickel   | Laboratory Duplicate RPD (Soil)   | 44.6%          | <35%                       | 20.0 J                       |  |
|                              |  |  |              |                     | •             | Vanadium   | Laboratory Duplicate RPD (Soli)   | 60.5%          | <35%                       | 6.80 J                       |  |
|                              |  |  |              |                     |               | Zinc   | Laboratory Duplicate RPD (Soli)   | 59.6%          | <35%                       | 54.0 J                       |  |
| 2J0P752                      | RB-102502-1 (0 - 0)                    | 10/25/2002   | Water        | Tier II             | No            |  |   | 1              | <u> </u>                   | 1                            | <del></del>  |
| VOCs                         | TANGLED BY PRO 4 (P. P.)               | Laineraga  | T 6-8        | Tine II             | V22           | Acrolein   | ICAL RRF  | 0.002          | >0.05                      | ND(0.15) J                   | Duplicate of RAA13-82  |
| 210P596                      | NEW2-DUP-1 (6 - 8)                     | 9/26/2002  | Soil         | Tier II             | Yes<br>Yes    | Acrolein   | ICAL RRF  | 0.002          | >0.05                      | ND(0.11) J                   |  |
| 210P596<br>210P596           | RAA13-A95 (1 - 3)<br>RAA13-A99 (0 - 1) | 9/26/2002<br>9/26/2002   | Soit Soit    | Tier II             | Yes           | Acrolein   | ICAL RRF  | 0.002          | >0.05                      | ND(0,10) J                   |  |
| 210P596                      | RAA13-B1 (0 - 1)                       | 9/26/2002  | Soil         | Tier II             | Yes           | Acrolein   | ICAL RRF  | 0.002          | >0.05                      | ND(0.10) J                   |  |
| 210P596                      | RAA13-B2 (6 - 8)                       | 9/26/2002  | Soll         | Tier II             | Yes           | 1,1,2,2-Tetrachloroethane                          | Internal Standard 1,2-Dichlorobenzene-d4 %R                                 | 41.2%          | 50% to 200%                | ND(0.0070) J                 | Use original analysis  |
| 2.00                         |  | 0.000000   |              | ,,,,,               |               | 1,2,3-Trichloropropane                             | Internal Standard 1,2-Dichlorobenzene-d4 %R                                 | 41.2%          | 50% to 200%                | ND(0.0070) J                 |  |
|                              |  |  |              |                     | 1             | 1,2-Dibromo-3-chloropropane                        | Internal Standard 1,2-Dichlorobenzene-d4 %R                                 | 41.2%          | 50% to 200%                | ND(0.0070) J                 |  |
| i                            |  |  |              |                     |               | Acrolein   | ICAL RRF  | 0.002          | >0.05                      | ND(0.14) J                   |  |
|                              |  |  |              |                     |               | trans-1,4-Dichloro-2-butene                        | Internal Standard 1,2-Dichlorobenzene-d4 %R                                 | 41.2%          | 50% to 200%                | ND(0.0070) J                 |  |
| 210P596                      | RAA13-B96 (0 - 1)                      | 9/26/2002  | Soll         | Tier II             | Yes           | Acrolein   | ICAL RRF  | 0.002          | >0.05                      | ND(0.10) J                   |  |
| 210P596                      | RAA13-C3 (0 - 1)                       | 9/26/2002  | Soll         | Tier II             | Yes           | Acrolein   | ICAL RRF  | 0.002          | >0.05<br>>0.05             | ND(0,11) J<br>ND(0,12) J     |  |
| 210P596                      | RAA13-C5 (0 - 1)                       | 9/26/2002  | Soil         | Tier II             | Yes           | Acrolein   | ICAL RRF  |                |                            | ND(0.0059) J                 | Use reanalysis   |
| 2I0P596                      | RAA13-C5 (1 - 3)                       | 9/26/2002  | Soil         | Tier II             | Yes           | 1,1,1,2-Tetrachloroethane                          | Internal Standard Chlorobenzene-d5 %R Internal Standard Fluorobenzene %R    | 47.3%<br>47.2% | 50% to 200%<br>50% to 200% | ND(0.0059) J                 | Ose rearraiysis  |
|                              |  |  | 1            |                     |               | 1,1,1-Trichloroethane<br>1,1,2,2-Tetrachloroethane | Internal Standard 1,2-Dichlorobenzene-d4 %R                                 | 42.3%          | 50% to 200%                | ND(0.0059) J                 |  |
|                              |  |  |              |                     |               | 1,1,2,2-Tetrachioroethane                          | Internal Standard Chlorobenzene-d5 %R                                       | 47.3%          | 50% to 200%                | ND(0.0059) J                 | ***************************************  |
|                              |  |  |              |                     |               | 1.1-Dichloroethane                                 | Internal Standard Fluorobenzene %R  | 47.2%          | 50% to 200%                | ND(0.0059) J                 |  |
|                              |  |  |              |                     | 1             | 1,1-Dichloroethene                                 | Internal Standard Fluorobenzene %R  | 47.2%          | 50% to 200%                | ND(0.0059) J                 |  |
|                              |  |  |              |                     |               | 1,2,3-Trichloropropane                             | Internal Standard 1,2-Dichlorobenzene-d4 %R                                 | 42.3%          | 50% to 200%                | ND(0.0059) J                 |  |
|                              |  |  |              |                     |               | 1,2-Dibromo-3-chloropropane                        | Internal Standard 1.2-Dichlorobenzene-d4 %R                                 | 42.3%          | 50% to 200%                | ND(0.0059) J                 |  |
|                              |  |  |              | ì                   |               | 1,2-Dibromoethane                                  | Internal Standard Chlorobenzene-d5 %R                                       | 47.3%          | 50% to 200%                | ND(0.0059) J                 | ***************************************  |
|                              | ł                                      |  | 1            | }                   | 1             | 1,2-Dichloroethane                                 | Internal Standard Fluorobenzene %R  | 47.2%          | 50% to 200%                | ND(0.0059) J                 |  |
|                              | İ                                      |  |              |                     |               | 1,2-Dichloropropane                                | Internal Standard Fluorobenzene %R  | 47.2%          | 50% to 200%                | ND(0.0059) J                 |  |
|                              |  |  |              | 1                   |               | 1,4-Dioxane  | ICAL RRF  | 0,001          | >0.05                      | ND(0.12) J                   |  |
|                              |  |  |              |                     |               | 1,4-Dioxane  | Internal Standard Fluorobenzene %R  | 47.2%          | 50% to 200%                | ND(0.12) J                   |  |
|                              |  |  |              | 1                   |               | 2-Butanone   | Internal Standard Fluorobenzene %R  | 47.2%          | 50% to 200%                | ND(0,012) J                  |  |
|                              | Ì                                      | 1  |              |                     |               | 2-Chloro-1,3-butadiene                             | Internal Standard Fluorobenzene %R  | 47.2%          | 50% to 200%<br>>0.05       | ND(0.0059) J<br>ND(0.0059) J | *****  |
|                              |  | 1  | 1            | 1                   | 1             | 2-Chloroethylvinylether                            | ICAL RRF Internal Standard Fluorobenzene %R                                 | 0.045<br>47.2% | 50% to 200%                | ND(0.0059) J                 | And the second state of th |
|                              |  | 1  |              |                     |               | 2-Chloroethylvinylether<br>2-Hexanone              | CCAL %D   | 30.0%          | <25%                       | ND(0.012) J                  |  |
|                              |  |  | 1            |                     |               | 2-Hexanone   | Internal Standard Chlorobenzene-d5 %R                                       | 47.3%          | 50% to 200%                | ND(0.012) J                  |  |
|                              |  |  |              |                     | 1             | 3-Chloropropene                                    | Internal Standard Fluorobenzene %R  | 47.2%          | 50% to 200%                | ND(0.0059) J                 | ***************************************  |
|                              |  |  |              |                     |               | 4-Methyl-2-pentanone                               | CCAL %D   | 26.0%          | <25%                       | ND(0.012) J                  |  |
|                              |  |  | 1            |                     |               | 4-Methyl-2-pentanone                               | Internal Standard Fluorobenzene %R  | 47.2%          | 50% to 200%                | ND(0.012) J                  | ***************************************  |
|                              |  |  | 1            | ŀ                   |               | Acetone  | CCAL %D   | 32.0%          | <25%                       | 0,017 J                      |  |
|                              |  |  |              |                     |               | Acetone  | Internal Standard Fluorobenzene %R  | 47.2%          | 50% to 200%                | 0.017 J                      |  |
|                              |  |  |              | 1                   |               | Acetonitrile                                       | ICAL RRF  | 0.033          | >0.05                      | ND(0.12) J                   |  |
|                              |  |  | 1            |                     |               | Acetonitrile                                       | Internal Standard Fluorobenzene %R  | 47.2%          | 50% to 200%                | ND(0.12) J                   |  |
|                              |  | -  | 1            | 1                   |               | Acrolein   | ICAL RRF  | 0.002          | >0.05                      | ND(0.12) J                   |  |
|                              |  |  |              | ]                   |               | Acrolein   | Internal Standard Fluorobenzene %R  | 47.2%          | 50% to 200%                | ND(0.12) J                   |  |
|                              |  | -  |              | }                   |               | Acrylonitrile                                      | ICAL RRF  | 0.019          | >0.05                      | ND(0.0059) J                 |  |
|                              |  | -  |              |                     |               | Acrylonitrile                                      | Internal Standard Fluorobenzene %R  | 47.2%          | 50% to 200%<br>50% to 200% | ND(0.0059) J                 |  |
|                              |  |  | 1            | 1                   | 1             | Benzene  | Internal Standard Fluorobenzene %R  | 47.2%<br>47.2% | 50% to 200%                | ND(0.0059) J<br>ND(0.0059) J |  |
|                              | 1                                      |  |              | ł                   |               | Bromodichloromethane                               | Internal Standard Fluorobenzene %R  | 47.3%          | 50% to 200%                | ND(0.0059) J                 |  |
|                              |  |  |              | 1                   | l             | Bromoform  | Internal Standard Chlorobenzene-d5 %R<br>Internal Standard Fluorobenzene %R | 47.2%          | 50% to 200%                | ND(0.0059) J                 |  |
|                              |  | į  |              | 1                   |               | Bromomethane                                       | Internal Standard Fluorobenzene %R  | 47.2%          | 50% to 200%                | ND(0.0059) J                 |  |
|                              |  |  |              | 1                   |               | Carbon Disulfide Carbon Tetrachloride              | Internal Standard Fluorobenzene %R  | 47.2%          | 50% to 200%                | ND(0.0059) J                 |  |
| I                            |  |  |              | 1                   | }             | Chlorobenzene                                      | Internal Standard Chlorobenzene-d5 %R                                       | 47.3%          | 50% to 200%                | ND(0.0059) J                 |  |
|                              |  |  | 1            | 1                   | 1             | Chloroethane                                       | Internal Standard Fluorobenzene %R  | 47.2%          | 50% to 200%                | ND(0.0059) J                 | ****   |
|                              |  |  |              | 1                   | 1             | Chloroform   | Internal Standard Fluorobenzene %R  | 47.2%          | 50% to 200%                | ND(0.0059) J                 | ***************************************  |
|                              |  |  |              | 1                   |               | Chloromethane                                      | Internal Standard Fluorobenzene %R  | 47.2%          | 50% to 200%                | ND(0.0059) J                 | ***************************************  |
| 1                            |  |  | 1            | 1                   | 1             | cis-1,3-Dichloropropene                            | Internal Standard Fluorobenzene %R  | 47.2%          | 50% to 200%                | ND(0.0059) J                 |  |
|                              |  |  |              |                     | i             | Dibromochloromethane                               | Internal Standard Chlorobenzene-d5 %R                                       | 47.3%          | 50% to 200%                | ND(0.0059) J                 |  |
|                              | 1                                      | 1  | 1            | 1                   | 1             | Dibromomelhane                                     | Internal Standard Fluorobenzene %R  | 47.2%          | 50% to 200%                | ND(0.0059) J                 |  |

# ANALYTICAL DATA VALIDATION SUMMARY GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

| Sample Delivery | ,  |                |               | Validation |               |                             |   |   |                |                  |  |
|-----------------|--|----------------|---------------|------------|---------------|-----------------------------|---|---|----------------|------------------|--|
| Group No.       | Sample ID  | Date Collected | Matrix        | Level      | Qualification | Compound                    | QA/QC Parameter                             | Value   | Control Limits | Qualified Result | Notes  |
| VOCs (continued |  |                |               |            |               |                             |   |   |                |                  |  |
| 210P596         | RAA13-C5 (1 - 3)   | 9/26/2002      | Soll          | Tier II    | Yes           | Dichlorodifluoromethane     | Internal Standard Fluorobenzene %R          | 47.2%   | 50% to 200%    | ND(0.0059) J     | Use reanalysis   |
|                 |  | 1              |               |            |               | Ethyl Methacrylate          | Internal Standard Chlorobenzene-d5 %R       | 47.3%   | 50% to 200%    | ND(0.0059) J     |  |
|                 | 1  |                |               |            |               | Ethylbenzene                | Internal Standard Chlorobenzene-d5 %R       | 47.3%   | 50% to 200%    | ND(0.0059) J     |  |
|                 |  |                |               |            | l             | lodomethane                 | Internal Standard Fluorobenzene %R          | 47.2%   | 50% to 200%    | ND(0.0059) J     |  |
|                 |  |                |               |            |               | Isobutanol                  | Internal Standard Fluorobenzene %R          | 47.2%   | 50% to 200%    | ND(0.12) J       |  |
|                 |  |                |               |            | j             | Methacrylonitrile           | Internal Standard Fluorobenzene %R          | 47.2%   | 50% to 200%    | ND(0.0059) J     |  |
|                 |  |                |               |            |               | Methyl Methacrylate         | CCAL %D                                     | 25.6%   | <25%           | ND(0.0059) J     |  |
|                 | 1  |                |               |            |               | Methyl Methacrylate         | Internal Standard Fluorobenzene %R          | 47.2%   | 50% to 200%    | ND(0.0059) J     |  |
|                 | 1  |                |               |            |               | Methylene Chloride          | Internal Standard Fluorobenzene %R          | 47.2%   | 50% to 200%    | ND(0.0059) J     | 19 10 10 10 10 10 10 10 10 10 10 10 10 10  |
|                 |  |                |               |            |               | Propionitrile               | ICAL RRF                                    | 0.004   | >0.05          | ND(0.012) J      |  |
|                 |  |                | ] [           |            |               | Propionitrile               | Internal Standard Fluorobenzene %R          | 47.2%   | 50% to 200%    | ND(0.012) J      |  |
|                 | į  |                |               |            | 1             | Styrene                     | Internal Standard Chlorobenzene-d5 %R       | 47.3%   | 50% to 200%    | ND(0.0059) J     |  |
|                 | (  | 1              |               |            |               | Tetrachioroethene           | Internal Standard Chlorobenzene-d5 %R       | 47.3%   | 50% to 200%    | ND(0.0059) J     |  |
|                 | į  |                |               |            |               | Toluene                     | internal Standard Chlorobenzene-d5 %R       | 47.3%   | 50% to 200%    | ND(0.0059) J     |  |
|                 |  |                |               |            |               | trans-1,2-Dichloroethene    | Internal Standard Fluorobenzene %R          | 47.2%   | 50% to 200%    | ND(0.0059) J     |  |
|                 |  |                | 1 1           |            |               | trans-1,3-Dichloropropene   | Internal Standard Chiorobenzene-d5 %R       | 47.3%   | 50% to 200%    | ND(0,0059) J     |  |
|                 |  |                |               |            |               | trans-1,4-Dichloro-2-butene | Internal Standard 1,2-Dichlorobenzene-d4 %R | 42.3%   | 50% to 200%    | ND(0.0059) J     |  |
|                 |  | 1              |               |            |               | Trichloroethene             | Internal Standard Fluorobenzene %R          | 47.2%   | 50% to 200%    | ND(0.0059) J     |  |
|                 |  |                |               |            |               | Trichlorofluoromethane      | Internal Standard Fluorobenzene %R          | 47.2%   | 50% to 200%    | ND(0.0059) J     |  |
| I0P596          | RAA13-C5 (1 - 3)   | 9/26/2002      | Soil          | Tier II    |               | Vinyl Acetate               | ICAL RRF                                    | 0.044   | >0.05          | ND(0.0059) J     | Use reanalysis   |
|                 |  |                |               |            |               | Vinyl Acetate               | Internal Standard Fluorobenzene %R          | 47.2%   | 50% to 200%    | ND(0,0059) J     |  |
|                 | į  | i              |               |            |               | Vinyl Chloride              | Internal Standard Fluorobenzene %R          | 47.2%   | 50% to 200%    | ND(0.0059) J     |  |
| -               | ***************************************  |                |               |            |               | Xylenes (total)             | Internal Standard Chlorobenzene-d5 %R       | 47.3%   | 50% to 200%    | ND(0.0059) J     |  |
| I0P596          | RAA13-C96 (0 - 1)  | 9/26/2002      | Soil          | Tier II    |               | Acrolein                    | ICAL RRF                                    | 0.002   | >0.05          | ND(0.10) J       |  |
| 10P596          | RAA13-F96 (0 - 1)  | 9/26/2002      | Soil          | Tier II    |               | Acrolein                    | ICAL RRF                                    | 0.002   | >0.05          | ND(0,11) J       |  |
| 0P596           | RB-092602-1 (0 - 0)  | 9/26/2002      | Water         | Tier II    |               | Acrolein                    | ICAL RRF                                    | 0.002   | >0.05          | ND(0.10) J       |  |
| J0P007          | RAA13-A94 (0 - 1)  | 9/30/2002      | Soil          | Tier II    |               | 1,4-Dioxane                 | CCAL %D                                     | 40.0%   | <25%           | ND(0.12) J       |  |
|                 |  |                |               |            |               | 2-Hexanone                  | CCAL %D                                     | 30.0%   | <25%           | ND(0.012) J      |  |
|                 |  |                |               |            |               | 4-Methyl-2-pentanone        | CCAL %D                                     | 26.0%   | <25%           | ND(0.012) J      |  |
|                 |  |                | [             |            |               | Acetone                     | CCAL %D                                     | 32.0%   | <25%           | ND(0.025) J      |  |
|                 |  |                |               |            |               | Acetonitrile                | CCAL %D                                     | 0.044   | >0.05          | ND(0.12) J       |  |
|                 | 1  |                |               |            |               | Acrolein                    | ICAL RRF                                    | 0.002   | >0.05          | ND(0.12) J       |  |
|                 |  |                |               |            |               | Propionitrile               | CCAL %D                                     | 29.6%   | <25%           | ND(0.012) J      | CONTRACTOR CONTRACTOR AND ADMINISTRATION OF THE PROPERTY OF TH |
| J0P007          | RAA13-E94 (0 - 1)  | 9/30/2002      | Soil          | Tier II    |               | 1,4-Dioxane                 | CCAL %D                                     | 40.0%   | <25%           | ND(0.14) J       |  |
|                 |  |                |               |            |               | 2-Hexanone                  | CCAL %D                                     | 30.0%   | <25%           | ND(0.014) J      |  |
|                 | 1  |                |               |            |               | 4-Methyl-2-pentanone        | CCAL %D                                     | 26.0%   | <25%           | ND(0.014) J      |  |
|                 |  |                |               |            |               | Acetone                     | CCAL %D                                     | 32.0%   | <25%           | ND(0.027) J      | e de la face de la companie de la c   |
|                 |  |                |               |            |               | Acetonitrile                | CCAL %D                                     | 0.044   | >0.05          | ND(0.14) J       |  |
|                 | 1  |                |               |            |               | Acrolein                    | ICAL RRF                                    | 0.002   | >0.05          | ND(0.14) J       | ***************************************  |
|                 | NAME OF THE OWNER OWNER OW |                | Propionitrile | CCAL %D    | 29.6%         | <25%                        | ND(0.014) J                                 | ALL ALL MODELLY COMMENTS OF THE MODELLY CONTRACTOR AND CONTRACTOR |                |                  |  |

# ANALYTICAL DATA VALIDATION SUMMARY GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

|                  | ************************************** |                |        |            | T                           |   |   |                |                |  |  |
|------------------|--|----------------|--------|------------|-----------------------------|---|---|----------------|----------------|--|--|
| Sample Delivery  |  |                |        | Validation |                             |   | 04/00 B   | Value          | Control Limits | Qualified Result   | Masa   |
| Group No.        | Sample ID                              | Date Collected | Matrix | Level      | Qualification               | Compound                                    | QA/QC Parameter   | Value          | Control Limits | Quaimed Result   | luores   |
| /OCs (continued) |  |                |        |            | ·                           |   | 10.11   | 62.00          | 50% to 200%    | ND(0.0070) J   | Use reanalysis   |
| 2J0P007          | RAA13-E95 (1 - 3)                      | 9/30/2002      | Soil   | Tier II    | Yes                         | 1,1,1,2-Tetrachloroethane                   | Internal Standard Chlorobenzene-d5 %R   | 27.3%<br>35.8% | 50% to 200%    | ND(0.0070) J   | Use reanalysis   |
| 1                |  |                |        |            | 1                           | 1,1,1-Trichloroethane                       | Internal Standard Fluorobenzene %R  | 25.0%          | 50% to 200%    | ND(0.0070) J   |  |
|                  |  | -              |        |            |                             | 1,1,2,2-Tetrachloroethane                   | Internal Standard 1,2-Dichlorobenzene-d4 %R   | 27,3%          | 50% to 200%    | ND(0.0070) J   |  |
|                  |  |                |        |            |                             | 1,1,2-Trichloroethane                       | Internal Standard Chlorobenzene-d5 %R Internal Standard Fluorobenzene %R                | 35.8%          | 50% to 200%    | ND(0.0070) J   |  |
|                  |  |                |        |            | 1                           | 1,1-Dichloroelhane                          |   | 25.0%          | 50% to 200%    | ND(0.0070) J   |  |
|                  |  | 1              |        |            | 1                           | 1,2,3-Trichloropropane                      | Internal Standard 1,2-Dichlorobenzene-d4 %R Internal Standard 1,2-Dichlorobenzene-d4 %R | 25.0%          | 50% to 200%    | ND(0.0070) J   |  |
|                  |  |                |        |            |                             | 1,2-Dibromo-3-chloropropane                 | Internal Standard 1,2-Dichlorobenzene-04 %R   | 27.3%          | 50% to 200%    | ND(0.0070) J   |  |
|                  |  |                |        |            |                             | 1,2-Dibromoethane<br>1,2-Dichloropropane    | Internal Standard Chicrobenzene-05 %R   | 35.8%          | 50% to 200%    | ND(0.0070) J   |  |
|                  |  |                |        |            |                             | 1,4-Dioxane                                 | Internal Standard Fluorobenzene %R  | 35.8%          | 50% to 200%    | ND(0.14) J   |  |
|                  |  |                |        |            | 1                           | 2-Butanone                                  | Internal Standard Fluorobenzene %R  | 35.8%          | 50% to 200%    | ND(0.014) J  | ***************************************  |
|                  |  |                |        |            | 1                           | 2-Chloro-1.3-butadiene                      | Internal Standard Fluorobenzene %R  | 35.8%          | 50% to 200%    | ND(0.0070) J   |  |
|                  |  |                |        |            | i                           | 2-Chloroethylvinylether                     | Internal Standard Fluorobenzene %R  | 35.8%          | 50% to 200%    | ND(0.0070) J   |  |
|                  |  | ł              |        |            |                             | 2-Unorganiyimiyisiner                       | Internal Standard Chlorobenzene-d5 %R   | 27.3%          | 50% to 200%    | ND(0.014) J  | ***************************************  |
|                  |  |                |        |            | 1                           | 3-Chloropropene                             | Internal Standard Fluorobenzene %R  | 35.8%          | 50% to 200%    | ND(0.0070) J   |  |
|                  |  |                |        |            |                             | 4-Methyl-2-pentanone                        | Internal Standard Fluorobenzene %R  | 35.8%          | 50% to 200%    | ND(0.014) J  |  |
|                  |  |                |        |            |                             | Acetone                                     | Internal Standard Fluorobenzene %R  | 35.8%          | 50% to 200%    | ND(0.028) J  |  |
|                  |  |                |        |            | Ì                           | Acetonitrile                                | Internal Standard Fluorobenzene %R  | 35.8%          | 50% to 200%    | ND(0.14) J   |  |
|                  |  |                |        |            | 1                           | Acrolein                                    | ICAL RRF  | 0.002          | >0.05          | ND(0.14) J   |  |
|                  |  |                |        |            | Acrolein                    | Internal Standard Fluorobenzene %R          | 35.8%   | 50% to 200%    | ND(0.14) J     | AND THE RESIDENCE OF THE PROPERTY OF THE PROPE |  |
|                  |  | 1              |        |            | Acrylonitrile               | Internal Standard Fluorobenzene %R          | 35.8%   | 50% to 200%    | ND(0.0070) J   |  |  |
|                  |  | 1              |        |            | Benzene                     | Internal Standard Fluorobenzene %R          | 35.8%   | 50% to 200%    | ND(0.0070) J   | and the second s |  |
|                  |  |                |        |            | Bromodichloromethane        | Internal Standard Fluorobenzene %R          | 35.8%   | 50% to 200%    | ND(0.0070) J   |  |  |
|                  |  |                |        |            |                             | Bromoform                                   | Internal Standard Chlorobenzene-d5 %R   | 27.3%          | 50% to 200%    | ND(0.0070) J   |  |
|                  |  |                |        |            |                             | Bromomethane                                | Internal Standard Fluorobenzene %R  | 35.8%          | 50% to 200%    | ND(0.0070) J   | ***************************************  |
|                  |  |                |        |            | 1                           | Carbon Disulfide                            | Internal Standard Fluorobenzene %R  | 35.8%          | 50% to 200%    | ND(0.0070) J   |  |
|                  |  |                |        |            | 1                           | Carbon Tetrachloride                        | Internal Standard Fluorobenzene %R  | 35.8%          | 50% to 200%    | ND(0.0070) J   |  |
|                  | •                                      | 1              |        |            | 1                           | Chlorobenzene                               | Internal Standard Chlorobenzene-d5 %R   | 27.3%          | 50% to 200%    | ND(0.0070) J   |  |
|                  |  | 1              |        |            |                             | Chloroethane                                | Internal Standard Fluorobenzene %R  | 35.8%          | 50% to 200%    | ND(0.0070) J   |  |
|                  |  |                |        |            | 1                           | Chloroform                                  | Internal Standard Fluorobenzene %R  | 35.8%          | 50% to 200%    | ND(0.0070) J   |  |
|                  |  |                |        |            |                             | Chloromethane                               | Internal Standard Fluorobenzene %R  | 35.8%          | 50% to 200%    | ND(0.0070) J   |  |
|                  |  |                |        |            | 1                           | cis-1,3-Dichloropropene                     | Internal Standard Fluorobenzene %R  | 35.8%          | 50% to 200%    | ND(0.0070) J   |  |
|                  |  |                |        |            | 1                           | Dibromochloromethane                        | Internal Standard Chlorobenzene-d5 %R   | 27.3%          | 50% to 200%    | ND(0.0070) J   |  |
|                  |  |                |        |            |                             | Dibromomethane                              | Internal Standard Fluorobenzene %R  | 35.8%          | 50% to 200%    | ND(0.0070) J   |  |
|                  |  |                |        |            | 1                           | Dichlorodifluoromethane                     | Internal Standard Fluorobenzene %R  | 35.8%          | 50% to 200%    | ND(0.0070) J   |  |
|                  |  |                |        |            |                             | Ethyl Methacrylate                          | Internal Standard Chlorobenzene-d5 %R   | 27.3%          | 50% to 200%    | ND(0,0070) J   |  |
|                  |  |                |        |            |                             | Ethylbenzene                                | Internal Standard Chlorobenzene-d5 %R   | 27.3%          | 50% to 200%    | ND(0.0070) J   |  |
|                  |  |                |        |            |                             | Iodomethane                                 | Internal Standard Fluorobenzene %R  | 35.8%          | 50% to 200%    | ND(0.0070) J   |  |
|                  | *                                      |                |        |            |                             | Isobutanol                                  | Internal Standard Fluorobenzene %R  | 35.8%          | 50% to 200%    | ND(0.14) J   |  |
|                  |  |                |        |            |                             | Methacrylonitrile                           | Internal Standard Fluorobenzene %R  | 35.8%          | 50% to 200%    | ND(0.0070) J   |  |
|                  |  |                |        |            | 1                           | Methyl Methacrylate                         | Internal Standard Fluorobenzene %R  | 35.8%          | 50% to 200%    | ND(0.0070) J   |  |
|                  |  |                |        |            | 1                           | Methylene Chloride                          | Internal Standard Fluorobenzene %R  | 35.8%          | 50% to 200%    | ND(0.0070) J   |  |
|                  |  |                |        |            |                             | Propionitrile                               | Internal Standard Fluorobenzene %R  | 35.8%          | 50% to 200%    | ND(0.014) J  | the state of the s |
|                  |  |                |        |            | 1                           | Styrene                                     | Internal Standard Chlorobenzene-d5 %R   | 27.3%          | 50% to 200%    | ND(0.0070) J   | Canada con transfer and contract contract contract parameters from an analysis of the contract contrac |
|                  |  |                |        |            | 1                           | Tetrachloroethene                           | Internal Standard Chlorobenzene-d5 %R   | 27.3%          | 50% to 200%    | ND(0.0070) J   |  |
|                  |  |                |        |            | 1                           | Toluene                                     | Internal Standard Chlorobenzene-d5 %R   | 27.3%          | 50% to 200%    | ND(0.0070) J   |  |
| İ                |  |                |        |            | trans-1,2-Dichloroethene    | Internal Standard Fluorobenzene %R          | 35.8%   | 50% to 200%    | ND(0.0070) J   |  |  |
|                  |  |                |        | 1          | trans-1,3-Dichloropropene   | Internal Standard Chlorobenzene-d5 %R       | 27.3%   | 50% to 200%    | ND(0.0070) J   |  |  |
|                  |  |                |        | 1          | trans-1,4-Dichloro-2-butene | Internal Standard 1,2-Dichlorobenzene-d4 %R | 25.0%   | 50% to 200%    | ND(0.0070) J   |  |  |
|                  |  |                |        |            |                             | trans-1,4-Dichloro-2-butene                 | CCAL %D   | 26.0%          | <25%           | ND(0.0070) J   |  |
|                  |  |                |        |            | 1                           | Trichloroethene                             | Internal Standard Fluorobenzene %R  | 35.8%          | 50% to 200%    | ND(0.0070) J   |  |
|                  |  |                |        |            | 1                           | Trichlorofluoromethane                      | Internal Standard Fluorobenzene %R  | 35.8%          | 50% to 200%    | ND(0,0070) J   |  |
|                  |  |                |        |            |                             | Vinyl Acetate                               | Internal Standard Fluorobenzene %R  | 35.8%          | 50% to 200%    | ND(0.0070) J   |  |
|                  |  |                |        |            | 1                           | Vinyl Chloride                              | Internal Standard Fluorobenzene %R  | 35.8%          | 50% to 200%    | ND(0.0070) J   | The state of the s |
|                  |  |                |        |            | 1                           | Xylenes (total)                             | Internal Standard Chlorobenzene-d5 %R   | 27.3%          | 50% to 200%    | ND(0.0070) J   |  |

# ANALYTICAL DATA VALIDATION SUMMARY GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

| Sample Delivery |  |                |   | Validation |               | _  |  |                |                            |                              |  |
|-----------------|--|----------------|---|------------|---------------|--|--|----------------|----------------------------|------------------------------|--|
| Group No.       | Sample ID                                    | Date Collected | Matrix  | Level      | Qualification | Compound   | QA/QC Parameter  | Value          | Control Limits             | Qualified Result             | Notes  |
| VOCs (continued |  | ~~~            | <del>, , , , , , , , , , , , , , , , , , , </del> |            | <del>,</del>  |  |  | 23.65/         | T 500/ L 0000/             | LIGHT BOOK! I                | 777  |
| 2J0P007         | RAA13-F93 (1 - 3)                            | 9/30/2002      | Soil  | Tier II    | Yes           | 1,1,1,2-Tetrachloroethane                          | Internal Standard Chlorobenzene-d5 %R  | 27.3%<br>35.8% | 50% to 200%<br>50% to 200% | ND(0,0069) J<br>ND(0,0069) J | Use reanalysis   |
|                 |  |                |   |            |               | 1,1,1-Trichloroethane<br>1,1,2,2-Tetrachloroethane | Internal Standard Fluorobenzene %R Internal Standard 1,2-Dichlorobenzene-d4 %R | 25.0%          | 50% to 200%                | ND(0.0069) J                 |  |
|                 |  |                |   |            |               | 1,1,2-Trichloroethane                              | Internal Standard Chlorobenzene-d5 %R  | 27.3%          | 50% to 200%                | ND(0.0069) J                 |  |
|                 | niese en en en en en en en en en en en en en |                |   |            |               | 1,1-Dichloroethane                                 | Internal Standard Fluorobenzene %R   | 35.8%          | 50% to 200%                | ND(0.0069) J                 |  |
|                 | 1  |                |   |            |               | 1,2,3-Trichloropropane                             | Internal Standard 1,2-Dichlorobenzene-d4 %R                                    | 25.0%          | 50% to 200%                | ND(0.0069) J                 | an energia di dan de motor de motor anterior de carta en de de de de de de de de de de de de de  |
|                 | 1  |                |   |            |               | 1,2-Dibrorno-3-chloropropane                       | Internal Standard 1,2-Dichlorobenzene-d4 %R                                    | 25.0%          | 50% to 200%                | ND(0.0069) J                 |  |
|                 |  |                |   |            |               | 1,2-Dibromoethane                                  | Internal Standard Chlorobenzene-d5 %R  | 27.3%          | 50% to 200%                | ND(0.0069) J                 |  |
|                 | 1  |                |   |            |               | 1,2-Dichloropropane                                | Internal Standard Fluorobenzene %R   | 35.8%          | 50% to 200%                | ND(0,0069) J                 |  |
|                 |  |                |   |            |               | 1,4-Dioxane  | Internal Standard Fluorobenzene %R   | 35.8%          | 50% to 200%                | ND(0.14) J                   |  |
|                 | 1  |                |   |            |               | 2-Butanone   | Internal Standard Fluorobenzene %R   | 35.8%          | 50% to 200%                | ND(0.014) J                  |  |
|                 |  |                |   |            |               | 2-Chloro-1,3-butadiene                             | Internal Standard Fluorobenzene %R   | 35.8%          | 50% to 200%                | ND(0.0069) J                 |  |
|                 |  |                |   |            | ļ             | 2-Chloroethylvinylether                            | Internal Standard Fluorobenzene %R   | 35.8%          | 50% to 200%                | ND(0.0069) J                 |  |
|                 |  |                |   |            |               | 2-Hexanone   | Internal Standard Chlorobenzene-d5 %R  | 27.3%          | 50% to 200%                | ND(0.014) J                  |  |
|                 | inatio                                       |                |   |            |               | 3-Chloropropene                                    | Internal Standard Fluorobenzene %R   | 35.8%          | 50% to 200%                | ND(0.0069) J                 |  |
|                 |  |                |   |            | l             | 4-Methyl-2-pentanone                               | Internal Standard Fluorobenzene %R   | 35.8%          | 50% to 200%                | ND(0.014) J                  |  |
|                 | 1  |                |   |            | 1             | Acetone  | Internal Standard Fluorobenzene %R   | 35.8%          | 50% to 200%                | ND(0,028) J                  |  |
|                 | 1  |                |   |            | į             | Acetonitrile                                       | Internal Standard Fluorobenzene %R   | 35.8%          | 50% to 200%                | ND(0,14) J                   |  |
|                 | ł  |                |   |            | l             | Acrolein   | ICAL RRF   | 0.002          | >0.05                      | ND(0.14) J                   |  |
|                 |  |                | 1 1   |            |               | Acrolein   | Internal Standard Fluorobenzene %R   | 35.8%          | 50% to 200%                | ND(0.14) J                   |  |
|                 | ļ  |                |   |            |               | Acrylonitrile                                      | Internal Standard Fluorobenzene %R Internal Standard Fluorobenzene %R          | 35.8%<br>35.8% | 50% to 200%<br>50% to 200% | ND(0.0069) J                 |  |
|                 |  |                |   |            |               | Benzene<br>Bromodichloromethane                    | Internal Standard Fluorobenzene %R   | 35.8%          | 50% to 200%                | ND(0.0069) J<br>ND(0.0069) J |  |
|                 |  |                | 1 1   |            |               | Bromoform  | Internal Standard Chlorobenzene-d5 %R  | 27.3%          | 50% to 200%                | ND(0,0069) J                 |  |
|                 | 1  | 1              |   |            | l             | Bromomethane                                       | Internal Standard Fluorobenzene %R   | 35.8%          | 50% to 200%                | ND(0.0069) J                 |  |
|                 | 1  |                |   |            | l             | Carbon Disulfide                                   | Internal Standard Fluorobenzene %R   | 35.8%          | 50% to 200%                | ND(0.0069) J                 |  |
|                 |  | ı              |   |            | 1             | Carbon Tetrachloride                               | Internal Standard Fluorobenzene %R   | 35.8%          | 50% to 200%                | ND(0.0069) J                 | <u> </u>   |
|                 | -  |                |   |            | i             | Chlorobenzene                                      | Internal Standard Chlorobenzene-d5 %R  | 27.3%          | 50% to 200%                | ND(0.0069) J                 |  |
|                 |  |                |   |            |               | Chloroethane                                       | Internal Standard Fluorobenzene %R   | 35.8%          | 50% to 200%                | ND(0.0069) J                 | A STATE OF THE PROPERTY OF THE |
|                 |  |                |   |            |               | Chloroform   | Internal Standard Fluorobenzene %R   | 35.8%          | 50% to 200%                | ND(0.0069) J                 |  |
|                 | ļ  |                |   |            |               | Chloromethane                                      | Internal Standard Fluorobenzene %R   | 35.8%          | 50% to 200%                | ND(0.0069) J                 |  |
|                 | ·  |                |   |            | į į           | cis-1,3-Dichloropropene                            | Internal Standard Fluorobenzene %R   | 35.8%          | 50% to 200%                | ND(0.0069) J                 |  |
|                 |  |                |   |            | 1             | Dibromochloromethane                               | Internal Standard Chlorobenzene-d5 %R  | 27.3%          | 50% to 200%                | ND(0.0069) J                 |  |
|                 |  |                |   |            | 1             | Dibromomethane                                     | Internal Standard Fluorobenzene %R   | 35.8%          | 50% to 200%                | ND(0.0069) J                 |  |
|                 |  |                |   |            |               | Dichlorodifluoromethane                            | Internal Standard Fluorobenzene %R   | 35.8%          | 50% to 200%                | ND(0.0069) J                 |  |
|                 |  |                |   |            |               | Ethyl Methacrylate                                 | Internal Standard Chlorobenzene-d5 %R  | 27.3%          | 50% to 200%                | ND(0.0069) J                 |  |
|                 | Ì  |                | 1   |            |               | Ethylbenzene                                       | Internal Standard Chlorobenzene-d5 %R  | 27.3%          | 50% to 200%                | ND(0.0069) J                 |  |
|                 |  |                |   |            | į į           | Iodomethane  | Internal Standard Fluorobenzene %R   | 35.8%          | 50% to 200%                | ND(0.0069) J                 |  |
|                 |  |                |   |            | į į           | Isobutanol   | Internal Standard Fluorobenzene %R   | 35.8%          | 50% to 200%                | ND(0.14) J                   |  |
|                 |  |                |   |            |               | Methacrylonitrile                                  | Internal Standard Fluorobenzene %R   | 35.8%          | 50% to 200%                | ND(0.0069) J                 |  |
|                 |  |                |   |            |               | Methyl Methacrylate                                | Internal Standard Fluorobenzene %R   | 35.8%          | 50% to 200%                | ND(0.0069) J                 |  |
|                 |  |                |   |            |               | Methylene Chloride                                 | Internal Standard Fluorobenzene %R   | 35.8%          | 50% to 200%                | ND(0.0069) J                 |  |
|                 |  |                |   |            |               | Propionitrile                                      | Internal Standard Fluorobenzene %R   | 35.8%          | 50% to 200%                | ND(0,014) J                  |  |
|                 |  |                |   |            |               | Styrene<br>Tetrachloroethene                       | Internal Standard Chlorobenzene-d5 %R Internal Standard Chlorobenzene-d5 %R    | 27.3%          | 50% to 200%                | ND(0.0069) J                 |  |
|                 |  |                | 1   |            |               | Toluene  | Internal Standard Chlorobenzene-d5 %R  | 27.3%<br>27.3% | 50% to 200%<br>50% to 200% | ND(0.0069) J<br>ND(0.0069) J |  |
|                 |  |                |   |            |               | trans-1,2-Dichloroethene                           | Internal Standard Fluorobenzene %R   | 35.8%          | 50% to 200%                | ND(0.0069) J                 |  |
|                 |  |                | 1 1   |            |               | trans-1,3-Dichloropropene                          | Internal Standard Chlorobenzene-d5 %R  | 27.3%          | 50% to 200%                | ND(0.0069) J                 |  |
| J0P007          | RAA13-F93 (1 - 3)                            | 9/30/2002      | Soil  | Tier II    | Yes           | trans-1,4-Dichloro-2-butene                        | Internal Standard 0/horobenzene-d3 /kR   | 25.0%          | 50% to 200%                | ND(0.0069) J                 | Use reanalysis   |
|                 |  |                |   | (1011)     |               | trans-1,4-Dichloro-2-butene                        | CCAL %D  | 26.0%          | <25%                       | ND(0.0069) J                 | Ose reamonyons   |
|                 |  |                |   |            |               | Trichloroethene                                    | Internal Standard Fluorobenzene %R   | 35.8%          | 50% to 200%                | 0.0086 J                     |  |
|                 |  |                | ]   |            |               | Trichlorofluoromethane                             | Internal Standard Fluorobenzene %R   | 35.8%          | 50% to 200%                | ND(0.0069) J                 | ***************************************  |
|                 |  | 1              |   |            | <b>†</b>      | Vinyl Acetate                                      | Internal Standard Fluorobenzene %R   | 35.8%          | 50% to 200%                | ND(0.0069) J                 | ***************************************  |
|                 |  |                | 1 1   |            | [             | Vinyl Chloride                                     | Internal Standard Fluorobenzene %R   | 35.8%          | 50% to 200%                | ND(0.0069) J                 |  |
|                 |  |                |   |            |               | Xylenes (total)                                    | Internal Standard Chlorobenzene-d5 %R  | 27.3%          | 50% to 200%                | ND(0,0069) J                 |  |
| 0P007           | RAA13-G94 (0 - 1)                            | 9/30/2002      | Soil  | Tier II    | Yes           | 1,4-Dioxane  | CCAL %D  | 40.0%          | <25%                       | ND(0.14) J                   |  |
|                 |  |                |   |            |               | 2-Hexanone   | CCAL %D  | 30.0%          | <25%                       | ND(0.014) J                  | ***************************************  |
|                 |  |                |   |            |               | 4-Methyl-2-pentanone                               | CCAL %D  | 26.0%          | <25%                       | ND(0.014) J                  |  |
|                 |  |                |   |            |               | Acetone  | CCAL %D  | 32.0%          | <25%                       | ND(0.027) J                  |  |
|                 | 1  |                |   |            |               | Acetonitrile                                       | CCAL %D  | 0.044          | >0.05                      | ND(0.14) J                   |  |
|                 |  |                |   |            |               | Acrolein   | ICAL RRF   | 0.002          | >0.05                      | ND(0.14) J                   |  |
|                 | 1  | 1              |   |            | 1             | Propionitrile                                      | CCAL %D  | 29.6%          | <25%                       | NO(0.014) J                  | 1  |

# ANALYTICAL DATA VALIDATION SUMMARY GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

| Sample Delivery<br>Group No. | Sample ID          | Date Collected | Matrix | Validation<br>Level | Qualification | Compound                    | QA/QC Parameter                             | Value    | Control Limits  | Qualified Result |  |
|------------------------------|--------------------|----------------|--------|---------------------|---------------|-----------------------------|---|----------|-----------------|------------------|--|
| 2J0P051                      | NEW2-DUP-4 (0 - 1) | 10/1/2002      | Soil   | Tier II             | Yes           | 1.1.1.2-Tetrachloroethane   | Internal Standard Chlorobenzene-d5 %R       | 24.8%    | 50% to 200%     | ND(0.0078) J     | Duplicate of RAA13-G92   |
| 2301031                      | 14242-000-410-17   | 101172502      | "      |                     | 1             | 1.1.1-Trichloroethane       | Internal Standard Fluorobenzene %R          | 28.2%    | 50% to 200%     | ND(0.0078) J     | Use original analysis  |
|                              |                    |                | } }    |                     | I             | 1.1.2.2-Tetrachloroethane   | Internal Standard 1,2-Dichlorobenzene-d4 %R | 29.5%    | 50% to 200%     | ND(0.0078) J     |  |
|                              |                    |                | 1 1    |                     |               | 1.1.2-Trichloroethane       | Internal Standard Chlorobenzene-d5 %R       | 24.8%    | 50% to 200%     | ND(0.0078) J     |  |
|                              |                    | 1              |        |                     |               | 1.1-Dichloroethane          | Internal Standard Fluorobenzene %R          | 28.2%    | 50% to 200%     | ND(0.0078) J     |  |
|                              |                    |                | 1 1    |                     | i             | 1,2,3-Trichloropropane      | Internal Standard 1,2-Dichlorobenzene-d4 %R | 29.5%    | 50% to 200%     | ND(0.0078) J     |  |
|                              |                    |                |        |                     | 1             | 1.2-Dibromo-3-chloropropane | Internal Standard 1,2-Dichlorobenzene-d4 %R | 29.5%    | 50% to 200%     | ND(0.0078) J     |  |
|                              | Š.                 |                |        |                     |               | 1,2-Dibromoethane           | Internal Standard Chlorobenzene-d5 %R       | 24.8%    | 50% to 200%     | ND(0.0078) J     |  |
|                              |                    |                |        |                     | 1             | 1,2-Dichloropropane         | Internal Standard Fluorobenzene %R          | 28.2%    | 50% to 200%     | ND(0.0078) J     |  |
|                              |                    |                |        |                     |               | 1.4-Dioxane                 | Internal Standard Fluorobenzene %R          | 28.2%    | 50% to 200%     | ND(0.16) J       |  |
|                              |                    | 1              |        |                     |               | 2-Butanone                  | Internal Standard Fluorobenzene %R          | 28.2%    | 50% to 200%     | ND(0.016) J      |  |
|                              |                    | 1              | 1      |                     |               | 2-Chloro-1.3-butadiene      | Internal Standard Fluorobenzene %R          | 28.2%    | 50% to 200%     | ND(0.0078) J     |  |
|                              |                    |                |        |                     |               | 2-Chloroethylvinylether     | Internal Standard Fluorobenzene %R          | 28.2%    | 50% to 200%     | ND(0.0078) J     |  |
|                              |                    | 1              | į      |                     |               | 2-Hexanone                  | Internal Standard Chlorobenzene-d5 %R       | 24.8%    | 50% to 200%     | NO(0.016) J      |  |
|                              |                    |                |        |                     |               | 3-Chloropropene             | Internal Standard Fluorobenzene %R          | 28.2%    | 50% to 200%     | ND(0.0078) J     |  |
|                              |                    |                |        |                     |               | 4-Methyl-2-pentanone        | Internal Standard Fluorobenzene %R          | 28.2%    | 50% to 200%     | ND(0.016) J      |  |
|                              | 1                  |                |        |                     |               | Acetone                     | Internal Standard Fluorobenzene %R          | 28.2%    | 50% to 200%     | 0.032 J          |  |
|                              |                    |                |        |                     | 1             | Acetonitrile                | Internal Standard Fluorobenzene %R          | 28.2%    | 50% to 200%     | ND(0.16) J       | A STATE OF THE PROPERTY OF THE |
|                              |                    |                | i i    |                     | 1             | Acrolein                    | ICAL RRF                                    | 0.002    | >0.05           | ND(0.16) J       |  |
|                              |                    |                | 1      |                     | 1             | Acrolein                    | Internal Standard Fluorobenzene %R          | 28.2%    | 50% to 200%     | ND(0.16) J       |  |
|                              | 1                  |                | 1      |                     | 1             | Acrylonitrile               | Internal Standard Fluorobenzene %R          | 28.2%    | 50% to 200%     | ND(0.0078) J     |  |
|                              | 1                  |                | 1      |                     | 1             | Benzene                     | Internal Standard Fluorobenzene %R          | 28.2%    | 50% to 200%     | ND(0.0078) J     | 1  |
|                              | -                  |                | 1      |                     |               | Bromodichloromethane        | Internal Standard Fluorobenzene %R          | 28.2%    | 50% to 200%     | ND(0.0078) J     | A CONTRACTOR OF THE PROPERTY O |
|                              | -                  |                | 1      |                     | 1             | Bromoform                   | Internal Standard Chlorobenzene-d5 %R       | 24.8%    | 50% to 200%     | ND(0.0078) J     |  |
|                              |                    |                | 1      |                     | 1             | Bromomethane                | Internal Standard Fluorobenzene %R          | 28.2%    | 50% to 200%     | ND(0.0078) J     | ***************************************  |
|                              |                    | 1              |        |                     |               | Carbon Disulfide            | Internal Standard Fluorobenzene %R          | 28.2%    | 50% to 200%     | ND(0.0078) J     | ***************************************  |
|                              |                    |                |        |                     | 1             | Carbon Tetrachloride        | Internal Standard Fluorobenzene %R          | 28.2%    | 50% to 200%     | ND(0.0078) J     |  |
|                              |                    | 1              |        |                     |               | Chlorobenzene               | Internal Standard Chlorobenzene-d5 %R       | 24.8%    | 50% to 200%     | ND(0.0078) J     |  |
|                              |                    |                | 1      |                     |               | Chloroethane                | Internal Standard Fluorobenzene %R          | 28.2%    | 50% to 200%     | ND(0,0078) J     | And the second s |
|                              |                    | 1              | 1      |                     |               | Chloroform                  | Internal Standard Fluorobenzene %R          | 28.2%    | 50% to 200%     | ND(0.0078) J     | 1  |
| `                            | 1                  |                | 1      |                     |               | Chloromethane               | Internal Standard Fluorobenzene %R          | 28.2%    | 50% to 200%     | ND(0.0078) J     |  |
|                              | ŀ                  |                | 1      |                     |               | cis-1,3-Dichloropropene     | Internal Standard Fluorobenzene %R          | 28.2%    | 50% to 200%     | ND(0.0078) J     |  |
|                              | 1                  |                | 1      |                     | 1             | Dibromochloromethane        | Internal Standard Chlorobenzene-d5 %R       | 24.8%    | 50% to 200%     | ND(0.0078) J     |  |
|                              |                    |                |        |                     | İ             | Dibromomethane              | Internal Standard Fluorobenzene %R          | 28.2%    | 50% to 200%     | ND(0.0078) J     |  |
|                              |                    |                |        | •                   | 1             | Dichlorodifluoromethane     | Internal Standard Fluorobenzene %R          | 28.2%    | 50% to 200%     | NO(0.0078) J     |  |
|                              | j                  |                |        |                     | 1             | Elhyl Methacrylate          | Internal Standard Chlorobenzene-d5 %R       | 24.8%    | 50% to 200%     | ND(0.0078) J     |  |
|                              | 1                  |                | 1      |                     |               | Ethylbenzene                | Internal Standard Chlorobenzene-d5 %R       | 24.8%    | 50% to 200%     | ND(0.0078) J     |  |
|                              |                    |                |        |                     |               | lodomethane                 | Internal Standard Fluorobenzene %R          | 28.2%    | 50% to 200%     | ND(0.0078) J     |  |
|                              |                    | 1              |        |                     |               | Isobutanol                  | Internal Standard Fluorobenzene %R          | 28.2%    | 50% to 200%     | ND(0.16) J       |  |
|                              |                    | 1              | 1      |                     |               | Methacrylonitrile           | Internal Standard Fluorobenzene %R          | 28.2%    | 50% to 200%     | ND(0.0078) J     |  |
|                              |                    | 1              | 1      |                     |               | Methyl Methacrylate         | Internal Standard Fluorobenzene %R          | 28.2%    | 50% to 200%     | ND(0.0078) J     |  |
|                              |                    |                | 1      |                     |               | Methylene Chloride          | Internal Standard Fluorobenzene %R          | 28.2%    | 50% to 200%     | ND(0.0078) J     |  |
|                              |                    |                | 1      |                     |               | Propionitrile               | Internal Standard Fluorobenzene %R          | 28.2%    | 50% to 200%     | ND(0,016) J      |  |
| 1                            |                    |                | 1      |                     |               | Styrene                     | Internal Standard Chlorobenzene-d5 %R       | 24.8%    | 50% to 200%     | ND(0.0078) J     |  |
|                              |                    |                |        |                     |               | Tetrachloroethene           | Internal Standard Chlorobenzene-d5 %R       | 24.8%    | 50% to 200%     | ND(0.0078) J     |  |
|                              |                    |                |        |                     | 1             | Toluene                     | Internal Standard Chlorobenzene-d5 %R       | 24.8%    | 50% to 200%     | ND(0.0078) J     |  |
|                              | 1                  |                |        |                     |               | trans-1,2-Dichloroethene    | Internal Standard Cholobenzene %R           | 28.2%    | 50% to 200%     | ND(0.0078) J     |  |
|                              |                    |                |        |                     | 1             |                             | Internal Standard Chlorobenzene-d5 %R       | 24.8%    | 50% to 200%     | ND(0.0078) J     |  |
|                              |                    |                |        | L                   |               | trans-1,3-Dichloropropene   | Internal Standard Unioropenzene-do %K       | 1 24.076 | 1 30 % 10 200 % | 1 14010.001013   |  |

# ANALYTICAL DATA VALIDATION SUMMARY GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

| ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | T                   | 1  | T      |                | T             |                             |  | T T            |                |                             |
|--|---------------------|--|--------|----------------|---------------|-----------------------------|--|----------------|----------------|-----------------------------|
| Sample Delivery                        | 1                   |  |        | Validation     |               |                             | 0.110.0 17   | No.            | Control Limits | Qualified Result Notes      |
| Group No.                              | Sample ID           | Date Collected                             | Matrix | Level          | Qualification | Compound                    | QA/QC Parameter  | Value          | Control Limits | Qualined Result   Notes     |
| VOCs (continued                        |                     |  |        |                |               |                             | The state of the s | 29.5%          | 50% to 200%    | ND(0.0078) J                |
| 2J0P051                                | NEW2-DUP-4 (0 - 1)  | 10/1/2002                                  | Soil   | Tier II        | Yes           | trans-1,4-Dichloro-2-butene | Internal Standard 1,2-Dichlorobenzene-d4 %R  | 28.2%          | 50% to 200%    | 0.0087 J                    |
|  |                     |  |        |                |               | Trichloroethene             | Internal Standard Fluorobenzene %R   | 28.2%          | 50% to 200%    | ND(0.0078) J                |
|  |                     |  |        |                |               | Trichlorofluoromethane      | Internal Standard Fluorobenzene %R Internal Standard Fluorobenzene %R  | 28.2%          | 50% to 200%    | ND(0.0078) J                |
|  |                     |  |        |                |               | Vinyl Acetate               |  | 28.2%          | 50% to 200%    | ND(0.0078) J                |
|  |                     |  |        |                |               | Vinyl Chlorida              | Internal Standard Fluorobenzene %R   | 24.8%          | 50% to 200%    | ND(0.0078) J                |
|  |                     | 1000mm - 000000000 \$000000000000000000000 |        |                |               | Xylenes (total)             | Internal Standard Chlorobenzene-d5 %R  | 40.0%          | <25%           | ND(0.17) J                  |
| 2J0P051                                | RAA13-890 (0 - 1)   | 10/1/2002                                  | Soil   | Tier II        | Yes           | 1,4-Dioxane                 | CCAL %D  |                | <25%           | ND(0.017) J                 |
|  | ì                   |  |        |                |               | 2-Hexanone                  | CCAL %D  | 30.0%          |                | ND(0.017) J                 |
|  |                     |  |        |                | 1             | 4-Methyl-2-pentanone        | GCAL %D  | 26.0%          | <25%           | ND(0.017) 3<br>ND(0.034) J  |
|  |                     |  |        |                |               | Acetone                     | CCAL %D  | 32.0%          | <25%           | ND(0.034) J<br>ND(0.17) J   |
|  | 1                   |  |        |                |               | Acrolein                    | ICAL RRF   | 0.002          | >0.05          | ND(0.17) J                  |
|  |                     |  |        |                |               | Propionitrile               | CCAL %D  | 29.6%          | <25%           | ND(0.0085) J                |
| ······································ |                     |  |        |                | <u> </u>      | trans-1,3-Dichloropropene   | CCAL %D  | 26.0%<br>40.0% | <25%<br><25%   | ND(0.16) J                  |
| 2J0P051                                | RAA13-890 (1 - 3)   | 10/1/2002                                  | Soil   | Tier II        | Yes           | 1,4-Dioxane                 | CCAL %D  |                | <25%           | ND(0.16) J                  |
|  | Ì                   |  |        | !              |               | 2-Hexanone                  | CCAL %D  | 30.0%          |                | ND(0.016) J                 |
|  |                     |  |        |                |               | 4-Methyl-2-pentanone        | GCAL %D  | 26.0%          | <25%           | ND(0.032) J                 |
|  |                     |  |        |                |               | Acetone                     | GCAL %D  | 32.0%          | <25%<br>>0.05  | ND(0.032) J<br>ND(0.16) J   |
|  |                     |  |        |                |               | Acrolein                    | ICAL RRF   | 0.002          |                | ND(0.16) J<br>ND(0.016) J   |
|  |                     |  | 1      |                |               | Propionitrile               | GCAL %D  | 29.6%          | <25%           | ND(0,0080) J                |
|  |                     |  |        |                |               | trans-1,3-Dichtoropropene   | CCAL %D  | 26.0%          | <25%           |                             |
| 2J0P051                                | RAA13-C92 (0 - 1)   | 10/1/2002                                  | Soil   | Tier II        | Yes           | 1,4-Dioxane                 | CCAL %D  | 40.0%<br>30.0% | <25%           | ND(0.14) J                  |
|  |                     |  |        |                |               | 2-Hexanone                  | CCAL %D  |                | <25%           | ND(0.014) J                 |
|  | 1                   |  | 1      |                |               | 4-Methyl-2-pentanone        | CCAL %D  | 26.0%          | <25%<br><25%   | ND(0.014) J<br>0.016 J      |
|  |                     |  |        |                |               | Acetone                     | CCAL %D  | 32.0%          |                |                             |
|  |                     |  |        |                | i             | Acrotein                    | ICAL RRF   | 0.002          | >0.05          | ND(0.14) J                  |
|  |                     | ł  |        |                |               | Proplonitrile               | CCAL %D  | 29.6%          | <25%<br><25%   | ND(0.014) J<br>ND(0.0071) J |
|  |                     | ***************************************    | 1      | l              | 4             | trans-1,3-Dichloropropene   | CCAL %D  | 26.0%          |                |                             |
| 2J0P051                                | RAA13-D90 (0 - 1)   | 10/1/2002                                  | Soll   | Tier II        | Yes           | 1,4-Dioxane                 | CCAL %D  | 40.0%          | <25%           | ND(0.14) J                  |
|  | 1                   |  | Son    |                |               | 2-Hexanone                  | CCAL %D  | 30.0%          | <25%           | ND(0.014) J                 |
|  |                     |  |        |                |               | 4-Methyl-2-pentanone        | CCAL %D  | 26.0%          | <25%           | ND(0.014) J                 |
|  |                     |  |        |                |               | Acetone                     | CCAL %D  | 32.0%          | <25%           | ND(0.028) J                 |
|  |                     |  |        |                | İ             | Acrolein                    | ICAL RRF   | 0.002          | >0.05          | ND(0.14) J                  |
|  |                     |  |        |                |               | Propionitrile               | CCAL %D  | 29.6%          | <25%           | ND(0.014) J                 |
|  |                     |  |        |                |               | trans-1,3-Dichloropropene   | CCAL %D  | 26.0%          | <25%           | ND(0.0069) J                |
| 2J0P051                                | RAA13-E92 (0 - 1)   | 10/1/2002                                  | Soil   | Tier II        | Yes           | 1,4-Dioxane                 | CCAL %D  | 40.0%          | <25%           | ND(0.14) J                  |
|  |                     |  |        |                |               | 2-Hexanone                  | CCAL %D  | 30.0%          | <25%           | ND(0,014) J                 |
|  |                     |  |        |                |               | 4-Methyl-2-pentanone        | CCAL %D  | 26.0%          | <25%           | ND(0.014) J                 |
|  |                     |  |        |                |               | Acetone                     | CCAL %D  | 32.0%          | <25%           | ND(0.029) J                 |
|  |                     |  |        |                |               | Acrolein                    | ICAL RRF   | 0.002          | >0.05          | ND(0.14) J                  |
|  | 1                   |  |        |                |               | Propionitrile               | CCAL %D  | 29.6%          | <25%           | ND(0,014) J                 |
| 2J0P051                                | 104442 000 10 11    | 1011/0005                                  | +      | <b>A</b> 01 21 | <del> </del>  | trans-1,3-Dichloropropene   | CCAL %D  | 26.0%          | <25%           | ND(0.0073) J                |
| courus I                               | RAA13-G92 (0 - 1)   | 10/1/2002                                  | Soil   | Tier II        | Yes           | 1,4-Dioxane                 | CCAL %D  | 40.0%          | <25%           | ND(0.16) J                  |
|  | 1                   | 1  |        |                |               | 2-Hexanone                  | CCAL %D  | 30.0%          | <25%           | ND(0.016) J                 |
|  | 1                   | 1  |        |                | 1             | 4-Methyl-2-pentanone        | CCAL %D  | 26.0%          | <25%           | ND(0.016) J                 |
|  |                     |  |        |                |               | Acetone                     | CCAL %D  | 32.0%          | <25%           | ND(0.031) J                 |
|  |                     | 1  |        |                |               | Acrolein                    | ICAL RRF   | 0.002          | >0.05          | ND(0.16) J                  |
|  |                     |  |        |                |               | Propionitrile               | CCAL %D  | 29.6%          | <25%           | ND(0.016) J                 |
| 100064                                 | Inn 400400 200 20   | 4,417,144,4                                | 1      |                |               | trans-1,3-Dichloropropene   | CCAL %D  | 26.0%          | <25%           | ND(0.0078) J                |
| 2J0P051                                | RB-100102-2 (0 - 0) | 10/1/2002                                  | Water  | Tier II        | Yes           | 1,4-Dioxane                 | ICAL RRF   | 0.001          | >0.05          | ND(0.20) J                  |
|  | 1                   |  |        |                |               | 2-Chloroethylvinylether     | ICAL RRF   | 0.040          | >0.05          | ND(0.0050) J                |
|  | 1                   |  |        |                |               | 2-Hexanone                  | CCAL %D  | 31.6%          | <25%           | ND(0.010) J                 |
|  | 1                   | 1  |        |                |               | Acetone                     | ICAL RRF   | 0.040          | >0.05          | ND(0.010) J                 |
|  | 1                   | 1  |        |                |               | Acetonitrile                | ICAL RRF   | 0.030          | >0.05          | ND(0.10) J                  |
|  | -                   |  |        |                | 1             | Acrolein                    | ICAL RRF   | 0.010          | >0.05          | ND(0.10) J                  |
|  | -                   | 1  |        |                |               | Acrytonitrile               | ICAL RRF   | 0.020          | >0.05          | ND(0.0050) J                |
|  |                     |  |        |                |               | Methyl Methacrylate         | CCAL %D  | 25.6%          | <25%           | ND(0.0050) J                |
|  |                     | 1  | 1      |                | 1             | Propionitrile               | ICAL RRF   | 0.004          | >0.05          | ND(0.010) J                 |
| 2J0P176                                | RAA13-A89 (0 - 1)   | 10/4/2002                                  | Soil   | Tier II        | Yes           | Acrolein                    | ICAL RRF   | 0.002          | >0.05          | ND(0.15) J                  |

### ANALYTICAL DATA VALIDATION SUMMARY GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

| Sample Delivery    |   |                |        | Validation |               |  | QA/QC Parameter  | Value          | Control Limits             | Qualified Result             | Notes  |
|--------------------|---|----------------|--------|------------|---------------|--|--|----------------|----------------------------|------------------------------|--|
| Group No.          | Sample ID                               | Date Collected | Matrix | Level      | Qualification | Compound   | 1 QAQC Parameter   | Value          | Cond or Canada             | Guainteu Result              | NOWA   |
| OCs (continued)    | *************************************** |                |        |            | <del></del>   |  | Internal Standard Chlorobenzene-d5 %R  | 32.4%          | 50% to 200%                | ND(0.0072) J                 | Use reanalysis   |
| J0P176             | RAA13-Z84 (0 - 1)                       | 10/4/2002      | Soil   | Tier II    | Yes           | 1,1,1,2-Tetrachloroethane<br>1,1,1-Trichloroethane | Internal Standard Chlorobenzene %R   | 38.3%          | 50% to 200%                | ND(0.0072) J                 |  |
|                    |   |                |        |            |               | 1,1,2,2-Tetrachloroethane                          | Internal Standard 1,2-Dichlorobenzene-d4 %R                                    | 45.3%          | 50% to 200%                | ND(0.0072) J                 |  |
|                    |   |                |        |            |               | 1.1.2-Trichloroethane                              | Internal Standard Chlorobenzene-d5 %R  | 32.4%          | 50% to 200%                | ND(0.0072) J                 |  |
| '                  |   |                |        |            |               | 1.1-Dichloroethane                                 | Internal Standard Fluorobenzene %R   | 38.3%          | 50% to 200%                | ND(0.0072) J                 |  |
|                    |   |                |        |            |               | 1,2,3-Trichloropropane                             | Internal Standard 1,2-Dichlorobenzene-d4 %R                                    | 45.3%          | 50% to 200%                | ND(0.0072) J                 |  |
|                    |   |                |        |            |               | 1,2-Dibromo-3-chloropropane                        | Internal Standard 1,2-Dichlorobenzene-d4 %R                                    | 45.3%          | 50% to 200%                | ND(0.0072) J                 |  |
|                    |   |                |        |            | 1             | 1,2-Dibromoethane                                  | Internal Standard Chlorobenzene-d5 %R  | 32.4%          | 50% to 200%                | ND(0.0072) J                 |  |
|                    | Ì                                       |                |        |            | 1             | 1,2-Dichloropropane                                | Internal Standard Fluorobenzene %R   | 38.3%          | 50% to 200%                | ND(0.0072) J                 |  |
|                    |   |                |        |            |               | 1,4-Dioxane  | Internal Standard Fluorobenzene %R   | 38.3%          | 50% to 200%                | ND(0.14) J                   |  |
|                    |   |                |        |            | l             | 2-Butanone   | Internal Standard Fluorobenzene %R   | 38.3%          | 50% to 200%                | ND(0.014) J                  |  |
|                    |   |                |        |            | 1             | 2-Chloro-1,3-butadiene                             | Internal Standard Fluorobenzene %R   | 38.3%          | 50% to 200%                | ND(0.0072) J<br>ND(0.0072) J |  |
|                    |   |                | 1      |            |               | 2-Chloroethylvinylether                            | Internal Standard Fluorobenzene %R   | 38.3%<br>32.4% | 50% to 200%<br>50% to 200% | ND(0.014) J                  |  |
|                    |   |                | 1      |            | I             | 2-Hexanone   | Internal Standard Chlorobenzene-d5 %R Internal Standard Fluorobenzene %R       | 38.3%          | 50% to 200%                | ND(0.0072) J                 |  |
|                    | 1                                       |                |        |            |               | 3-Chloropropene                                    | Internal Standard Fluorobenzene %R   | 38.3%          | 50% to 200%                | ND(0.014) J                  | ***************************************  |
|                    |   |                | 1      |            |               | 4-Methyl-2-pentanone                               | Internal Standard Fluorobenzene %R   | 38.3%          | 50% to 200%                | ND(0.029) J                  |  |
|                    |   |                |        |            |               | Acetone<br>Acetonitrile                            | Internal Standard Fluorobenzene %R   | 38.3%          | 50% to 200%                | ND(0.14) J                   | ***************************************  |
|                    |   | ŀ              |        |            |               | Acrolein   | ICAL RRF   | 0.002          | >0.05                      | ND(0.14) J                   |  |
|                    |   |                | 1      |            |               | Acrolein   | Internal Standard Fluorobenzene %R   | 38.3%          | 50% to 200%                | ND(0.14) J                   | No. of the Control of |
|                    |   |                |        |            |               | Acrylonitrile                                      | Internal Standard Fluorobenzene %R   | 38.3%          | 50% to 200%                | ND(0.0072) J                 |  |
|                    |   |                |        |            |               | Benzene  | Internal Standard Fluorobenzene %R   | 38.3%          | 50% to 200%                | ND(0.0072) J                 |  |
|                    |   |                |        |            |               | Bromodichloromethane                               | Internal Standard Fluorobenzene %R   | 38.3%          | 50% to 200%                | ND(0.0072) J                 |  |
|                    |   |                |        |            | 1             | Bromoform  | Internal Standard Chlorobenzene-d5 %R  | 32.4%          | 50% to 200%                | ND(0.0072) J                 |  |
|                    |   |                |        |            |               | Bromomethane                                       | Internal Standard Fluorobenzene %R   | 38.3%          | 50% to 200%                | ND(0.0072) J                 |  |
|                    |   |                |        |            |               | Carbon Disulfide                                   | Internal Standard Fluorobenzene %R   | 38.3%          | 50% to 200%                | ND(0.0072) J                 |  |
|                    |   |                |        |            |               | Carbon Tetrachloride                               | Internal Standard Fluorobenzene %R   | 38.3%          | 50% to 200%                | ND(0.0072) J                 |  |
|                    | 1                                       |                | 1      |            |               | Chlorobenzene                                      | Internal Standard Chlorobenzene-d5 %R  | 32.4%          | 50% to 200%                | ND(0.0072) J                 |  |
|                    | 1                                       |                |        |            |               | Chloroethane                                       | Internal Standard Fluorobenzene %R   | 38.3%          | 50% to 200%                | ND(0.0072) J                 |  |
|                    |   |                |        |            |               | Chloroform   | Internal Standard Fluorobenzene %R   | 38.3%          | 50% to 200%                | ND(0.0072) J                 | ***  |
|                    |   |                |        |            | ł             | Chloromethane                                      | Internal Standard Fluorobenzene %R   | 38.3%          | 50% to 200%                | ND(0.0072) J                 |  |
|                    |   |                |        |            |               | cis-1,3-Dichloropropene                            | Internal Standard Fluorobenzene %R   | 38.3%          | 50% to 200%                | ND(0.0072) J                 |  |
|                    | ·                                       |                |        |            |               | Dibromochloromethane                               | internal Standard Chlorobenzene-d5 %R  | 32.4%          | 50% to 200%                | ND(0.0072) J                 |  |
|                    | 1                                       |                |        |            |               | Dibromomethane                                     | Internal Standard Fluorobenzene %R   | 38.3%          | 50% to 200%                | ND(0.0072) J<br>ND(0.0072) J |  |
|                    | 1                                       |                |        |            |               | Dichlorodifluoromethane                            | Internal Standard Fluorobenzene %R   | 38.3%<br>32.4% | 50% to 200%<br>50% to 200% | ND(0.0072) J                 |  |
|                    | 1                                       |                |        |            | -             | Ethyl Methacrylate                                 | Internal Standard Chlorobenzene-d5 %R<br>Internal Standard Chlorobenzene-d5 %R | 32.4%          | 50% to 200%                | ND(0.0072) J                 |  |
|                    |   |                |        |            |               | Ethylbenzene<br>lodomethane                        | Internal Standard Chlorobenzene-63 %R  | 38.3%          | 50% to 200%                | ND(0.0072) J                 |  |
|                    | 1                                       | İ              |        |            | ļ             | Isobutanol   | Internal Standard Fluorobenzene %R   | 38.3%          | 50% to 200%                | ND(0.14) J                   |  |
|                    |   |                | }      |            | 1             | Methacrylonitrile                                  | Internal Standard Fluorobenzene %R   | 38,3%          | 50% to 200%                | ND(0.0072) J                 |  |
|                    |   |                |        |            |               | Methyl Methacrylate                                | Internal Standard Fluorobenzene %R   | 38.3%          | 50% to 200%                | ND(0.0072) J                 | A COLOR DE LA COLO |
|                    |   |                | 1      |            |               | Methylene Chloride                                 | Internal Standard Fluorobenzene %R   | 38.3%          | 50% to 200%                | ND(0.0072) J                 |  |
|                    |   |                |        |            |               | Propionitrile                                      | Internal Standard Fluorobenzene %R   | 38.3%          | 50% to 200%                | ND(0.014) J                  | **************************************   |
|                    |   |                |        |            |               | Styrene  | Internal Standard Chlorobenzene-d5 %R  | 32.4%          | 50% to 200%                | ND(0.0072) J                 |  |
|                    |   |                |        |            |               | Tetrachloroethene                                  | Internal Standard Chlorobenzene-d5 %R  | 32.4%          | 50% to 200%                | ND(0.0072) J                 |  |
|                    |   | Ì              | 1      |            |               | Toluene  | Internal Standard Chlorobenzene-d5 %R  | 32.4%          | 50% to 200%                | ND(0.0072) J                 |  |
|                    |   |                | 1      |            |               | trans-1,2-Dichloroethene                           | Internal Standard Fluorobenzene %R   | 38.3%          | 50% to 200%                | ND(0.0072) J                 |  |
|                    |   |                | 1      |            |               | trans-1,3-Dichloropropene                          | Internal Standard Chlorobenzene-d5 %R  | 32.4%          | 50% to 200%                | ND(0.0072) J                 |  |
|                    | 1                                       |                |        |            | 1             | trans-1,4-Dichloro-2-butene                        | Internal Standard 1,2-Dichlorobenzene-d4 %R                                    | 45.3%          | 50% to 200%                | ND(0.0072) J                 |  |
|                    | }                                       |                |        |            | 1             | Trichloroethene                                    | Internal Standard Fluorobenzene %R   | 38.3%          | 50% to 200%                | ND(0.0072) J                 |  |
|                    |   |                |        |            | i             | Trichlorofluoromethane                             | Internal Standard Fluorobenzene %R   | 38.3%          | 50% to 200%                | ND(0.0072) J                 |  |
|                    |   |                |        |            |               | Vinyl Acetate                                      | Internal Standard Fluorobenzene %R   | 38.3%          | 50% to 200%                | ND(0.0072) J                 |  |
|                    |   |                |        |            | İ             | Vinyl Chloride                                     | Internal Standard Fluorobenzene %R   | 38.3%          | 50% to 200%                | ND(0.0072) J                 |  |
|                    |   |                |        | L          | <u> </u>      | Xylenes (total)                                    | Internal Standard Chlorobenzene-d5 %R  | 32.4%          | 50% to 200%                | ND(0.0072) J                 |  |
| 2J0P176            | RAA13-Z84 (1 - 3)                       | 10/4/2002      | Soil   | Tier II    | Yes           | Acrolein   | ICAL RRF   | 0.002          | >0.05                      | ND(0.14) J                   |  |
| J0P176             | RAA13-Z84 (4 - 6)                       | 10/4/2002      | Soil   | Tier II    | Yes           | Acrolein   | ICAL RRF   | 0.002          | >0.05                      | ND(0.14) J                   |  |
| 2J0P176<br>2J0P176 | RAA13-Z85 (0 - 1)                       | 10/4/2002      | Soll   | Tier II    | Yes           | Acrolein   | ICAL RRF   | 0.002          | >0.05                      | ND(0.15) J                   |  |
|                    | RAA13-Z85 (1 - 3)                       | 10/4/2002      | Soil   | Tier II    | Yes           | Acrolein   | ICAL RRF   | 0.002          | >0.05                      | ND(0.14) J                   | 1  |

# ANALYTICAL DATA VALIDATION SUMMARY GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

|                              |                    | T                     |                        |  |                                    |  |  | T              | <del>,</del>               |                              |  |
|------------------------------|--------------------|-----------------------|------------------------|--|------------------------------------|--|--|----------------|----------------------------|------------------------------|--|
| Sample Delivery<br>Group No. | Sample ID          | Date Collected        | Matrix                 | Validation<br>Level                    | Qualification                      | Compound                                     | QA/QC Parameter  | Value          | Control Limits             | Qualified Result             | Nata.  |
| VOCs (continued              |                    | Data Conscied         | maurx                  | 1,0701                                 | Guanneation                        | Compound                                     | QACQC Parameter  | Value          | Control Limits             | Quanned Result               | Notes  |
| 2J0P176                      | RAA13-Z88 (0 - 1)  | 10/4/2002             | Soll                   | Tier II                                | Yes                                | 1,1,1,2-Tetrachloroethane                    | Internal Standard Chlorobenzene-d5 %R                                    | 46.2%          | 50% to 200%                | ND(0.0075) J                 | Ulea eviateat anatusta   |
| 200, (10                     | ( 10 200 (0 ))     | TUPTE GUE.            | 0.00                   | 1161 11                                | 163                                | 1.1.1-Trichloroethane                        | Internal Standard Fluorobenzene %R                                       | 41.4%          | 50% to 200%                | ND(0.0075) J                 | Use original analysis  |
|                              | 1                  |                       | 1 1                    |  | 1                                  | 1.1.2-Trichloroethane                        | Internal Standard Chlorobenzene-d5 %R                                    | 46.2%          | 50% to 200%                | ND(0.0075) J                 |  |
|                              |                    |                       | 1 1                    |  | 1                                  | 1,1-Dichloroethane                           | Internal Standard Fluorobenzene %R                                       | 41.4%          | 50% to 200%                | ND(0.0075) J                 |  |
|                              | 1                  |                       |                        |  | 1                                  | 1,2-Dibromoethane                            | Internal Standard Chlorobenzene-d5 %R                                    | 46.2%          | 50% to 200%                | ND(0.0075) J                 |  |
|                              | 1                  |                       |                        |  |                                    | 1,2-Dichloropropane                          | Internal Standard Fluorobenzene %R                                       | 41.4%          | 50% to 200%                | ND(0.0075) J                 | ***************************************  |
|                              |                    |                       |                        |  | 1                                  | 1,4-Dioxane                                  | Internal Standard Fluorobenzene %R                                       | 41.4%          | 50% to 200%                | ND(0.15) J                   |  |
|                              |                    |                       |                        |  |                                    | 2-Butanone                                   | Internal Standard Fluorobenzene %R                                       | 41.4%          | 50% to 200%                | ND(0.015) J                  | ***************************************  |
|                              | 1                  | İ                     |                        |  |                                    | 2-Chloro-1,3-butadiene                       | Internal Standard Fluorobenzene %R                                       | 41.4%          | 50% to 200%                | ND(0.0075) J                 | COLOR COMPANION OF THE PROPERTY OF THE PROPERT |
|                              |                    | 1                     |                        |  |                                    | 2-Chloroethylvinylether                      | Internal Standard Fluorobenzene %R                                       | 41,4%          | 50% to 200%                | ND(0.0075) J                 | The state of the s |
|                              |                    |                       |                        |  | 1                                  | 2-Hexanone                                   | Internal Standard Chlorobenzene-d5 %R                                    | 46.2%          | 50% to 200%                | ND(0.015) J                  |  |
|                              |                    | 1                     |                        |  |                                    | 3-Chloropropene                              | Internal Standard Fluorobenzene %R                                       | 41.4%          | 50% to 200%                | ND(0.0075) J                 |  |
|                              |                    |                       |                        |  |                                    | 4-Methyl-2-pentanone                         | Internal Standard Fluorobenzene %R                                       | 41.4%          | 50% to 200%                | ND(0.015) J                  |  |
|                              |                    |                       |                        |  |                                    | Acetone                                      | Internal Standard Fluorobenzene %R                                       | 41.4%          | 50% to 200%                | ND(0.030) J                  |  |
|                              |                    |                       |                        |  |                                    | Acetonitrile                                 | Internal Standard Fluorobenzene %R                                       | 41.4%          | 50% to 200%                | ND(0.15) J                   | ***************************************  |
|                              | 1                  | 1                     |                        |  | 1                                  | Acrolein                                     | ICAL RRF   | 0.002          | >0.05                      | ND(0.15) J                   |  |
|                              |                    |                       | 1 1                    |  |                                    | Acrolein                                     | Internal Standard Fluorobenzene %R                                       | 41.4%          | 50% to 200%                | ND(0.15) J                   | A STATE OF THE PARTY OF THE PAR |
|                              | 1                  |                       | 1 1                    |  | 1                                  | Acrylonitrile                                | Internal Standard Fluorobenzene %R                                       | 41.4%          | 50% to 200%                | ND(0.0075) J                 |  |
|                              |                    |                       |                        |  |                                    | Benzene                                      | Internal Standard Fluorobenzene %R                                       | 41.4%          | 50% to 200%                | ND(0.0075) J                 |  |
|                              |                    |                       |                        |  |                                    | Bromodichloromethane                         | internal Standard Fluorobenzene %R                                       | 41.4%          | 50% to 200%                | ND(0.0075) J                 |  |
|                              | ŀ                  |                       | 1 1                    |  |                                    | Bromoform                                    | Internal Standard Chlorobenzene-d5 %R                                    | 46.2%          | 50% to 200%                | ND(0.0075) J                 |  |
|                              |                    |                       |                        |  | ł                                  | Bromomethane                                 | Internal Standard Fluorobenzene %R                                       | 41.4%          | 50% to 200%                | ND(0.0075) J                 |  |
|                              | 1                  |                       |                        | İ                                      |                                    | Carbon Disulfide                             | Internal Standard Fluorobenzene %R                                       | 41.4%          | 50% to 200%                | ND(0.0075) J                 |  |
|                              | ŀ                  |                       | 1 1                    |  |                                    | Carbon Tetrachloride                         | Internal Standard Fluorobenzene %R                                       | 41.4%          | 50% to 200%                | ND(0.0075) J                 |  |
|                              | 1                  |                       | 1 1                    |  |                                    | Chlorobenzene                                | Internal Standard Chlorobenzene-d5 %R                                    | 46.2%          | 50% to 200%                | ND(0.0075) J                 |  |
|                              | Į.                 |                       | 1                      |  |                                    | Chloroethane                                 | Internal Standard Fluorobenzene %R                                       | 41.4%          | 50% to 200%                | ND(0.0075) J                 |  |
|                              |                    |                       |                        |  |                                    | Chloroform                                   | Internal Standard Fluorobenzene %R                                       | 41.4%          | 50% to 200%                | ND(0.0075) J                 |  |
|                              |                    |                       |                        |  |                                    | Chloromethane                                | Internal Standard Fluorobenzene %R                                       | 41.4%          | 50% to 200%                | ND(0.0075) J                 |  |
|                              |                    |                       | ] [                    |  |                                    | cis-1,3-Dichloropropene Dibromochloromethane | Internal Standard Fluorobenzene %R Internal Standard Chlorobenzene-d5 %R | 41.4%          | 50% to 200%                | ND(0.0075) J                 |  |
|                              |                    |                       |                        |  |                                    | Dibromomethane                               | Internal Standard Chlorobenzene-o5 %R                                    | 46.2%          | 50% to 200%                | ND(0.0075) J                 |  |
|                              |                    |                       |                        |  | 1                                  | Dichlorodifluoromethane                      | Internal Standard Fluorobenzene %R                                       | 41.4%          | 50% to 200%                | ND(0.0075) J                 |  |
|                              |                    |                       |                        |  |                                    | Ethyl Methacrylate                           | Internal Standard Chlorobenzene-d5 %R                                    | 41.4%<br>46.2% | 50% to 200%<br>50% to 200% | ND(0.0075) J<br>ND(0.0075) J |  |
|                              |                    |                       | ]                      |  |                                    | Ethylbenzene                                 | Internal Standard Chlorobenzene-d5 %R                                    | 46.2%          | 50% to 200%                | ND(0.0075) J                 |  |
|                              |                    |                       |                        |  |                                    | lodomethane                                  | Internal Standard Fluorobenzene %R                                       | 41.4%          | 50% to 200%                | ND(0.0075) J                 |  |
|                              |                    |                       | 1                      |  |                                    | Isobutanol                                   | Internal Standard Fluorobenzene %R                                       | 41.4%          | 50% to 200%                | ND(0.15) J                   |  |
|                              |                    |                       |                        |  |                                    | Methacrylonitrile                            | Internal Standard Fluorobenzene %R                                       | 41.4%          | 50% to 200%                | ND(0.0075) J                 |  |
|                              |                    |                       |                        |  | ]                                  | Methyl Methacrylate                          | Internal Standard Fluorobenzene %R                                       | 41.4%          | 50% to 200%                | ND(0.0075) J                 |  |
|                              |                    |                       |                        |  |                                    | Methylene Chloride                           | Internal Standard Fluorobenzene %R                                       | 41.4%          | 50% to 200%                | ND(0.0075) J                 |  |
|                              | 1                  |                       | 1                      |  |                                    | Propionitrile                                | Internal Standard Fluorobenzene %R                                       | 41.4%          | 50% to 200%                | ND(0.015) J                  |  |
|                              |                    |                       |                        |  | ŀ                                  | Styrene                                      | Internal Standard Chlorobenzene-d5 %R                                    | 46.2%          | 50% to 200%                | ND(0.0075) J                 |  |
|                              |                    |                       |                        |  |                                    | Tetrachloroethene                            | Internal Standard Chlorobenzene-d5 %R                                    | 46.2%          | 50% to 200%                | ND(0.0075) J                 |  |
|                              |                    |                       |                        |  |                                    | Toluene                                      | Internal Standard Chlorobenzene-d5 %R                                    | 46.2%          | 50% to 200%                | ND(0.0075) J                 |  |
|                              |                    |                       |                        |  |                                    | trans-1,2-Dichloroethene                     | Internal Standard Fluorobenzene %R                                       | 41.4%          | 50% to 200%                | ND(0.0075) J                 | ***************************************  |
|                              |                    |                       |                        |  | [                                  | trans-1,3-Dichloropropene                    | Internal Standard Chlorobenzene-d5 %R                                    | 46.2%          | 50% to 200%                | ND(0.0075) J                 | ***************************************  |
|                              |                    |                       |                        |  |                                    | Trichloroethene                              | Internal Standard Fluorobenzene %R                                       | 41.4%          | 50% to 200%                | ND(0.0075) J                 |  |
|                              |                    |                       | Trichlorofluoromethane | Internal Standard Fluorobenzene %R     | 41.4%                              | 50% to 200%                                  | ND(0.0075) J   |                |                            |                              |  |
|                              |                    |                       |                        | Vinyl Acetate                          | Internal Standard Fluorobenzene %R | 41.4%  | 50% to 200%  | ND(0.0075) J   |                            |                              |  |
|                              |                    |                       |                        |  |                                    | Vinyl Chloride                               | Internal Standard Fluorobenzene %R                                       | 41.4%          | 50% to 200%                | ND(0.0075) J                 | ***************************************  |
| ianana                       |                    |                       |                        | ************************************** |                                    | Xylenes (total)                              | Internal Standard Chlorobenzene-d5 %R                                    | 46.2%          | 50% to 200%                | ND(0.0075) J                 | ***************************************  |
| J0P292                       | NEW2-DUP-6 (0 - 1) | 10/9/2002             | Soil                   | Tier II                                |                                    | Acrolein                                     | ICAL RRF   | 0.002          | >0.05                      | ND(0.13) J                   | Duplicate of RAA13-C98   |
| Managa                       |                    |                       |                        |  |                                    | Vinyl Acetate                                | CCAL %D  | 25.6%          | <25%                       | ND(0.0066) J                 |  |
| 2J0P292                      | RAA13-A97 (0 - 1)  | 10/9/2002             | Soil                   | Tier II                                |                                    | Acrolein                                     | ICAL RRF   | 0.002          | >0.05                      | ND(0.14) J                   | Principle company and a second |
| 2J0P292                      | GAA49 BOT / - "    | A P. Lin James and T. |                        |  |                                    | Vinyl Acetate                                | CCAL %D  | 25.6%          | <25%                       | ND(0.0070) J                 |  |
| JOE 282                      | RAA13-B97 (4 - 6)  | 10/9/2002             | Soil                   | Tier II                                |                                    | Acrolein                                     | ICAL RRF   | 0.002          | >0.05                      | ND(0.13) J                   |  |
|                              |                    |                       |                        | -                                      |                                    | Vinyl Acetate                                | CCAL %D  | 25.6%          | <25%                       | ND(0.0064) J                 |  |

# ANALYTICAL DATA VALIDATION SUMMARY GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

| Sample Delivery  | 1                   |                |        | Validation |               |  |  |                |                            | 0 15 15 1                    |  |
|------------------|---------------------|----------------|--------|------------|---------------|--|--|----------------|----------------------------|------------------------------|--|
| Graup No.        | Sample ID           | Date Collected | Matrix | Level      | Qualification | Compound                                     | QA/QC Parameter  | Value          | Control Limits             | Qualified Result             | Notes  |
| VOCs (continued) |                     |                |        |            |               |  |  | ,              |                            | T                            |  |
| 2J0P292          | RAA13-B99 (1 - 3)   | 10/9/2002      | Soil   | Tier II    | Yes           | 1,1,1,2-Tetrachloroethane                    | Internal Standard Chlorobenzene-d5 %R                                    | 31.1%          | 50% to 200%                | ND(0.0065) J                 | Use original analysis  |
|                  |                     |                | 1 1    |            |               | 1,1,1-Trichloroethane                        | Internal Standard Fluorobenzene %R                                       | 34.0%          | 50% to 200%                | ND(0.0065) J                 |  |
|                  |                     |                | 1 1    |            |               | 1,1,2,2-Tetrachloroethane                    | Internal Standard 1,2-Dichlorobenzene-d4 %R                              | 36.4%<br>31.1% | 50% to 200%<br>50% to 200% | ND(0.0065) J<br>ND(0.0065) J |  |
|                  |                     |                |        |            |               | 1,1,2-Trichloroethane                        | Internal Standard Chlorobenzene-d5 %R Internal Standard Fluorobenzene %R | 34.0%          | 50% to 200%                | ND(0.0065) J                 |  |
|                  |                     |                | 1 1    |            |               | 1,1-Dichloroethane<br>1,2,3-Trichloropropane | Internal Standard 1,2-Dichlorobenzene-d4 %R                              | 36.4%          | 50% to 200%                | ND(0.0065) J                 |  |
|                  | }                   |                |        |            |               | 1,2,3-1 richioropropane                      | Internal Standard 1,2-Dichlorobenzene-d4 %R                              | 36.4%          | 50% to 200%                | ND(0.0065) J                 |  |
|                  |                     |                | 1 1    |            |               | 1.2-Dibromoethane                            | Internal Standard Chlorobenzene-d5 %R                                    | 31.1%          | 50% to 200%                | ND(0.0065) J                 |  |
|                  |                     |                |        |            |               | 1,2-Dichloropropane                          | Internal Standard Fluorobenzene %R                                       | 34.0%          | 50% to 200%                | ND(0.0065) J                 |  |
|                  | 1                   |                | 1 1    |            |               | 1,4-Dioxane                                  | Internal Standard Fluorobenzene %R                                       | 34.0%          | 50% to 200%                | ND(0.13) J                   | Constitution of the state of th |
|                  |                     |                |        |            | l             | 2-Butanone                                   | Internal Standard Fluorobenzene %R                                       | 34.0%          | 50% to 200%                | ND(0.013) J                  | Annual Control of Cont |
|                  |                     |                | 1      |            |               | 2-Chloro-1,3-butadiene                       | Internal Standard Fluorobenzene %R                                       | 34.0%          | 50% to 200%                | ND(0.0065) J                 |  |
|                  |                     |                | 1 1    |            | 1             | 2-Chloroethylvinylether                      | Internal Standard Fluorobenzene %R                                       | 34.0%          | 50% to 200%                | ND(0.0065) J                 |  |
|                  | 1                   |                |        |            |               | 2-Hexanone                                   | Internal Standard Chlorobenzene-d5 %R                                    | 31.1%          | 50% to 200%                | ND(0.013) J                  |  |
|                  |                     | į              |        |            | 1             | 3-Chloropropene                              | Internal Standard Fluorobenzene %R                                       | 34.0%          | 50% to 200%                | ND(0.0065) J                 |  |
|                  |                     |                |        |            | ŀ             | 4-Methyl-2-pentanone                         | Internal Standard Fluorobenzene %R                                       | 34.0%          | 50% to 200%                | ND(0.013) J                  |  |
|                  |                     |                |        |            |               | Acetone                                      | Internal Standard Fluorobenzene %R                                       | 34.0%          | 50% to 200%                | ND(0.026) J                  |  |
|                  |                     |                |        |            |               | Acetonitrîle                                 | Internal Standard Fluorobenzene %R                                       | 34.0%          | 50% to 200%                | ND(0.13) J                   |  |
|                  | {                   |                |        |            | İ             | Acrolein                                     | ICAL RRF   | 0.002          | >0.05                      | ND(0.13) J                   |  |
|                  |                     |                |        |            |               | Acrolein                                     | Internal Standard Fluorobenzene %R                                       | 34.0%          | 50% to 200%                | ND(0.13) J                   |  |
|                  |                     |                | 1 1    |            |               | Acrylonitrile                                | Internal Standard Fluorobenzene %R                                       | 34.0%          | 50% to 200%                | ND(0.0065) J                 |  |
|                  |                     |                |        |            | 1             | Benzene                                      | internal Standard Fluorobenzene %R                                       | 34.0%          | 50% to 200%                | ND(0.0065) J                 |  |
|                  |                     |                |        |            |               | Bromodichloromethane                         | Internal Standard Fluorobenzene %R                                       | 34.0%          | 50% to 200%                | ND(0.0065) J                 |  |
|                  |                     | 1              | 1 1    |            |               | Bromoform                                    | Internal Standard Chlorobenzene-d5 %R                                    | 31.1%          | 50% to 200%                | ND(0.0065) J                 |  |
|                  |                     |                |        |            |               | Bromomethane                                 | Internal Standard Fluorobenzene %R                                       | 34.0%          | 50% to 200%<br>50% to 200% | ND(0.0065) J<br>ND(0.0065) J |  |
|                  |                     |                |        |            | İ             | Carbon Disulfide                             | Internal Standard Fluorobenzene %R Internal Standard Fluorobenzene %R    | 34.0%<br>34.0% | 50% to 200%                | ND(0.0065) J                 |  |
|                  |                     |                |        |            |               | Carbon Tetrachloride Chlorobenzene           | Internal Standard Fluorobenzene %R                                       | 31.1%          | 50% to 200%                | ND(0.0065) J                 |  |
|                  |                     |                | 1 1    |            |               | Chloroethane                                 | Internal Standard Fluorobenzene %R                                       | 34.0%          | 50% to 200%                | ND(0.0065) J                 |  |
|                  |                     |                |        |            |               | Chloroform                                   | Internal Standard Fluorobenzene %R                                       | 34.0%          | 50% to 200%                | ND(0.0065) J                 |  |
|                  |                     |                |        |            |               | Chloromethane                                | Internal Standard Fluorobenzene %R                                       | 34.0%          | 50% to 200%                | ND(0.0065) J                 |  |
|                  | 1                   |                |        |            |               | cis-1,3-Dichloropropene                      | Internal Standard Fluorobenzene %R                                       | 34.0%          | 50% to 200%                | ND(0.0065) J                 |  |
|                  |                     |                |        |            |               | Dibromochloromethane                         | Internal Standard Chlorobenzene-d5 %R                                    | 31,1%          | 50% to 200%                | ND(0.0065) J                 |  |
|                  | }                   |                |        |            | 1             | Dibromomethane                               | Internal Standard Fluorobenzene %R                                       | 34.0%          | 50% to 200%                | ND(0.0065) J                 |  |
|                  |                     |                | 1 1    |            |               | Dichlorodifluoromethane                      | Internal Standard Fluorobenzene %R                                       | 34.0%          | 50% to 200%                | ND(0.0065) J                 |  |
|                  | 1                   |                | 1 1    |            |               | Elhyl Methacrylate                           | Internal Standard Chlorobenzene-d5 %R                                    | 31,1%          | 50% to 200%                | ND(0.0065) J                 |  |
|                  |                     |                |        |            |               | Ethylbenzene                                 | Internal Standard Chlorobenzene-d5 %R                                    | 31.1%          | 50% to 200%                | ND(0.0065) J                 |  |
|                  |                     | Ì              |        |            | 1             | lodomethane                                  | Internal Standard Fluorobenzene %R                                       | 34.0%          | 50% to 200%                | ND(0.0065) J                 |  |
|                  |                     |                |        |            |               | Isobutanol                                   | Internal Standard Fluorobenzene %R                                       | 34.0%          | 50% to 200%                | ND(0.13) J                   |  |
|                  |                     |                |        |            |               | Methacrylonitrile                            | Internal Standard Fluorobenzene %R                                       | 34.0%          | 50% to 200%                | ND(0.0065) J                 |  |
|                  |                     |                |        |            |               | Methyl Methacrylate                          | internal Standard Fluorobenzene %R                                       | 34.0%          | 50% to 200%                | ND(0.0065) J                 |  |
|                  |                     |                |        |            |               | Methylene Chloride                           | Internal Standard Fluorobenzene %R                                       | 34.0%          | 50% to 200%                | ND(0.0065) J                 |  |
|                  | 1                   |                |        |            |               | Propionitrile                                | internal Standard Fluorobenzene %R                                       | 34.0%          | 50% to 200%                | ND(0.013) J                  |  |
|                  |                     |                |        |            |               | Styrene                                      | Internal Standard Chlorobenzene-d5 %R                                    | 31.1%          | 50% to 200%                | ND(0.0065) J                 |  |
|                  |                     |                |        |            |               | Tetrachloroethene                            | Internal Standard Chlorobenzene-d5 %R                                    | 31.1%          | 50% to 200%                | ND(0.0065) J                 |  |
|                  |                     |                |        |            |               | Toluene                                      | Internal Standard Chlorobenzene-d5 %R                                    | 31.1%          | 50% to 200%                | ND(0,0065) J                 |  |
|                  |                     |                |        |            |               | trans-1,2-Dichloroethene                     | Internal Standard Fluorobenzene %R                                       | 34.0%          | 50% to 200%                | ND(0.0065) J                 |  |
|                  |                     |                |        |            |               | trans-1,3-Dichloropropene                    | Internal Standard Chlorobenzene-d5 %R                                    | 31.1%          | 50% to 200%                | ND(0.0065) J                 |  |
|                  |                     |                |        |            |               | trans-1,4-Dichloro-2-butene                  | Internal Standard 1,2-Dichlorobenzene-d4 %R                              | 36.4%          | 50% to 200%                | ND(0.0065) J                 |  |
|                  |                     |                |        |            |               | Trichloroethene Trichlorofluoromethane       | Internal Standard Fluorobenzene %R                                       | 34.0%<br>34.0% | 50% to 200%<br>50% to 200% | ND(0.0065) J<br>ND(0.0065) J |  |
|                  |                     |                |        |            | -             | Vinyl Acetate                                | Internal Standard Fluorobenzene %R<br>Internal Standard Fluorobenzene %R | 34.0%          | 50% to 200%                | ND(0.0065) J                 |  |
|                  |                     |                |        |            |               | Vinyl Chloride                               | Internal Standard Fluorobenzene %R                                       | 34.0%          | 50% to 200%                | ND(0.0065) J                 |  |
|                  |                     |                | 1      |            | 1             | Xvienes (total)                              | Internal Standard Chlorobenzene-%R                                       | 31.1%          | 50% to 200%                | ND(0.0065) J                 | ***************************************  |
| ZJ0P292          | RAA13-C98 (0 - 1)   | 10/9/2002      | Soil   | Tier II    | Yes           | Acrolein                                     | ICAL RRF   | 0.002          | >0.05                      | ND(0.13) J                   |  |
|                  | 1-2110 000 (0-1)    | 10/0/2002      | 300    | rigi ii    | 105           | Vinyl Acetate                                | CCAL %D  | 25.6%          | <25%                       | ND(0.0067) J                 |  |
| 2J0P292          | RAA13-D97 (1 - 3)   | 10/9/2002      | Soil   | Tier II    | Yes           | Acrolein                                     | ICAL RRF   | 0.002          | >0.05                      | ND(0.13) J                   |  |
|                  | 1                   | 10/0/4004      | 301    | 163 33     | , , , ,       | Vinyl Acetate                                | CCAL %D  | 25.6%          | <25%                       | ND(0.0063) J                 | CA TAN CONTRACTOR OF THE PARTY  |
| 2J0P292          | RAA13-D98 (0 - 1)   | 10/9/2002      | Soil   | Tier II    | Yes           | Acrolein                                     | ICAL RRF   | 0.002          | >0.05                      | ND(0.14) J                   |  |
|                  | 1                   | 157476554      | "      | • еді д    | 103           | Vinyl Acetate                                | CCAL %D  | 25.6%          | <25%                       | ND(0.0069) J                 | and the second relative to the contract of the second seco |
| 2J0P292          | RAA13-D99 (12 - 15) | 10/9/2002      | Soil   | Tier II    | Yes           | Acrolein                                     | ICAL RRF   | 0.002          | >0.05                      | ND(0.13) J                   |  |
|                  | 1                   | 1              | 1 ~~"  |            | 1 .00         | Vinyl Acetate                                | CCAL %D  | 25.6%          | <25%                       | ND(0.0064) J                 |  |

### ANALYTICAL DATA VALIDATION SUMMARY GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

| Sample Delivery<br>Group No.  | 0                                       | Date Collected   | Matrix | Validation<br>Level  | Qualification | Compound                      | QA/QC Parameter                             | Value          | Control Limits | Qualified Result           | Notes  |
|---|---|--|--------|--|---------------|-------------------------------|---|----------------|----------------|----------------------------|--|
|   | Sample ID                               | Date Collected   | Matrix | r.evei   | Qualification | Compound                      | CAUC Parameter                              | Value          | GOINTGI ESTIMA | , damino resur             | 10000  |
| VOCs (continued)<br>2J0P292   | RB-100902-1 (0 - 0)                     | 10/9/2002  | Water  | Tier II  | Yes           | Acrolein                      | ICAL RRF                                    | 0.005          | >0.05          | NO(0.10) J                 | T  |
| 2301-252  | 175-(00305-1 (0 - 0)                    | 10/3/2002  | 1,0,0  | 7 80, 11   | '**           | Acrylonitrile                 | ICAL RRF                                    | 0.024          | >0.05          | ND(0.0050) J               |  |
|   |   |  |        |  |               | Acetonitrile                  | ICAL RRF                                    | 0.048          | >0.05          | ND(0.10) J                 |  |
|   |   |  |        |  | 1             | Telrachloroethene             | CCAL %D                                     | 25.6%          | <25%           | ND(0.0020) J               |  |
| 2J0P453   | RAA13-E87 (0 - 1)                       | 10/15/2002   | Soil   | Tier II  | Yes           | Acrolein                      | ICAL RRF                                    | 0.002          | >0.05          | ND(0.14) J                 |  |
|   |   | in and the state of the state o |        |  |               | Vinyl Acetate                 | CCAL %D                                     | 26.8%<br>0.002 | <25%<br>>0.05  | ND(0.0071) J<br>ND(0.14) J |  |
| 2J0P453   | RAA13-G90 (0 - 1)                       | 10/15/2002   | Soil   | Tier II  | Yes           | Acrolein                      | ICAL RRF<br>CCAL %D                         | 26.8%          | <25%           | ND(0.0072) J               |  |
| 79 1 75 275 4 1 1 1 M   | F14.40 100 (0 4)                        | ADIAEMODO  |        | Tier II  | Yes           | Vinyl Acetate<br>Acrolein     | ICAL RRF                                    | 0.002          | >0.05          | ND(0.13) J                 |  |
| 2J0P453   | RAA13-I92 (0 - 1)                       | 10/15/2002   | Soil   | Herm   | res           | Vinyl Acetate                 | CCAL %D                                     | 26.8%          | <25%           | ND(0.0066) J               | **************************************   |
| 2J0P453   | RAA13-J92 (0 - 1)                       | 10/15/2002   | Soil   | Tier II  | Yes           | Acrolein                      | ICAL RRF                                    | 0.002          | >0.05          | ND(0.13) J                 |  |
| 2.001 400   | 100010-002 (0 - 1)                      | 1071072002   | 1      | 7101 11  | 1             | Vinyl Acetate                 | CCAL %D                                     | 26.8%          | <25%           | ND(0.0067) J               | A STATE OF THE PROPERTY OF THE |
| 2J0P477   | RAA13-Z90 (0 - 1)                       | 10/16/2002   | Soil   | Tier II  | Yes           | Acetonitrile                  | CCAL %D                                     | 0.046          | >0.05          | ND(0.14) J                 |  |
|   |   |  | 1 1    |  | 1             | Acrolein                      | ICAL RRF                                    | 0.002          | >0.05          | ND(0,14) J                 |  |
|   |   |  | 1 1    |  | 1             | Acrylonitrile                 | CCAL %D                                     | 0.046          | >0.05          | ND(0.0068) J               |  |
|   |   |  |        | The Control of the Co |               | Vinyl Acetate                 | CCAL %D                                     | 26.8%          | <25%           | ND(0.0068) J               |  |
| 2J0P477   | RAA13-Z90 (1 - 3)                       | 10/16/2002   | Soli   | Tier II  | Yes           | Acetonitrile                  | CCAL %D                                     | 0.046          | >0.05<br>>0.05 | ND(0.13) J<br>ND(0.13) J   |  |
|   | Į.                                      |  | 1 1    |  |               | Acrolein                      | ICAL RRF                                    | 0.002<br>0.046 | >0.05          | ND(0.0067) J               |  |
|   |   |  | 1 1    |  | ·             | Acrylonitrile Vinyl Acetate   | CCAL %D                                     | 26.8%          | <25%           | ND(0.0067) J               |  |
| 2J0P622   | RAA13-A83 (0 - 1)                       | 10/22/2002   | Soil   | Tier II  | Yes           | Acrolein                      | ICAL RRF                                    | 0.002          | >0.05          | ND(0.14) J                 | **************************************   |
| 2307 022  | 100413-703 (0 - 1)                      | 10/22/2002   | Jun    | i ici ii   | 105           | Vinyl Acetate                 | CCAL %D                                     | 30.8%          | <25%           | ND(0.0071) J               | A CANADA  |
| 2J0P622   | RAA13-A83 (1 - 3)                       | 10/22/2002   | Soil   | Tier II  | Yes           | Acrolein                      | ICAL RRF                                    | 0.002          | >0.05          | ND(0.13) J                 | A CONTRACT OF STREET OF STREET OF STREET OF STREET   |
|   |   |  |        |  |               | Vinyl Acetate                 | CCAL %D                                     | 30.8%          | <25%           | ND(0.0067) J               |  |
| 2J0P622   | RAA13-A83 (12 - 15)                     | 10/22/2002   | Soil   | Tier II  | Yes           | Acrolein                      | ICAL RRF                                    | 0.002          | >0.05          | ND(0.16) J                 |  |
|   |   |  |        |  |               | Vinyl Acetate                 | CCAL %D                                     | 30.8%          | <25%           | ND(0.0080) J               |  |
| 2J0P622   | RAA13-A84 (0 - 1)                       | 10/22/2002   | Soil   | Tier II  | Yes           | Acrolein                      | ICAL RRF                                    | 0.002          | >0.05          | ND(0,14) J                 |  |
|   |   |  |        |  | <del> </del>  | Vinyl Acetate                 | CCAL %D                                     | 30.8%<br>0.002 | <25%<br>>0.05  | ND(0.0072) J<br>ND(0.13) J |  |
| 2J0P622   | RAA13-A84 (1 - 3)                       | 10/22/2002   | Soil   | Tier II  | Yes           | Acrolein                      | ICAL RRF                                    | 30.8%          | <25%           | ND(0.0067) J               |  |
| 2J0P622   | RAA13-A84 (4 - 6)                       | 10/22/2002   | Soil   | Tier II  | Yes           | Vinyl Acetate<br>Acrolein     | ICAL RRF                                    | 0.002          | >0.05          | ND(0.15) J                 |  |
| ZJVPOZZ   | (10-7404 (4 - 0)                        | 10/22/2002   | SUI    | 110111   | 165           | Dichlorodifluoromethane       | CCAL %D                                     | 25.2%          | <25%           | ND(0.0073) J               | **************************************   |
|   | 1                                       | 1  |        |  | 1             | Vinyl Acetate                 | CCAL %D                                     | 31.6%          | <25%           | ND(0.0073) J               |  |
| 2J0P622   | RAA13-A86 (0 - 1)                       | 10/22/2002   | Soll   | Tier II  | Yes           | Acrolein                      | ICAL RRF                                    | 0.002          | >0.05          | ND(0.15) J                 |  |
|   | , | 1  | 1      |  | ,             | Dichlorodifluoromethane       | CCAL %D                                     | 25.2%          | <25%           | ND(0.0077) J               |  |
|   |   |  | 1      |  |               | Vinyl Acetate                 | CCAL %D                                     | 31.6%          | <25%           | ND(0.0077) J               |  |
| 2J0P622   | RAA13-A86 (1 - 3)                       | 10/22/2002   | Soil   | Tier II  | Yes           | Acrolein                      | ICAL RRF                                    | 0.002          | >0.05          | ND(0.14) J                 |  |
|   |   |  |        | **************************************   |               | Vinyl Acetate                 | CCAL %D                                     | 30.8%          | <25%           | ND(0.0068) J               |  |
| 2J0P660   | NEW2-DUP-8 (8 - 10)                     | 10/23/2002   | Soil   | Tier II  | Yes           | Acrolein                      | ICAL RRF                                    | 0.002          | >0.05          | ND(0.12) J<br>ND(0.0063) J | Duplicate of RAA13-H89   |
|   |   |  |        |  | [             | Dichlorodifluoromethane       | CCAL %D                                     | 25.2%<br>31.6% | <25%<br><25%   | ND(0.0063) J               |  |
| 2J0P660   | RAA13-F89 (0 - 1)                       | 10/23/2002   | Soil   | Tier II  | Yes           | Vinyl Acetate<br>Acetonitrile | CCAL %D                                     | 0.05           | <25%           | ND(0.003) J                | **************************************   |
| 2001 000  | 1.00(0.10)                              | TOTALOREGUE  | "      | 110/11   | 165           | Acrolein                      | ICAL RRF                                    | 0.002          | >0.05          | ND(0.15) J                 | Market Constitution of the |
|   |   | <u> </u>   | 1 1    |  |               | Vinyl Acetate                 | CCAL %D                                     | 26.4%          | <25%           | ND(0.0075) J               |  |
| 2J0P660   | RAA13-F89 (1 - 3)                       | 10/23/2002   | Soil   | Tier II  | Yes           | Acetonitrile                  | CCAL RRF                                    | 0.05           | <25%           | ND(0.13) J                 |  |
|   |   |  |        |  |               | Acrolein                      | ICAL RRF                                    | 0.002          | >0.05          | ND(0.13) J                 |  |
| inner of the frequency of the contract of the |   |  | 1      |  | 1             | Vinyl Acetate                 | CCAL %D                                     | 26.4%          | <25%           | ND(0.0066) J               |  |
| 2J0P660   | RAA13-F89 (12 - 15)                     | 10/23/2002   | Soil   | Tier II  | Yes           | 1,1,2,2-Tetrachloroethane     | Internal Standard 1,2-Dichlorobenzene-d4 %R | 46.3%          | 50% to 200%    | ND(0.0085) J               | Use reanalysis   |
|   |   |  |        |  |               | 1,2,3-Trichloropropane        | Internal Standard 1,2-Dichlorobenzene-d4 %R | 46.3%          | 50% to 200%    | ND(0.0085) J               |  |
|   |   |  |        |  |               | 1,2-Dibromo-3-chloropropane   | Internal Standard 1,2-Dichlorobenzene-d4 %R | 46.3%          | 50% to 200%    | ND(0.0085) J               |  |
|   |   |  |        |  |               | Acetonitrile<br>Acrolein      | ICAL RRF                                    | 0.05           | <25%<br>>0.05  | ND(0.17) J<br>ND(0.17) J   | 4-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1  |
|   |   |  |        |  |               | trans-1,4-Dichloro-2-butene   | Internal Standard 1,2-Dichlorobenzene-d4 %R | 46.3%          | 50% to 200%    | ND(0.0085) J               |  |
|   |   |  | ) 1    |  | 1             | Vinyl Acetate                 | CCAL %D                                     | 26.4%          | <25%           | ND(0.0085) J               |  |
| 2J0P660   | RAA13-H89 (0 - 1)                       | 10/23/2002   | Soil   | Tier II  | Yes           | Acrolein                      | ICAL RRF                                    | 0.002          | >0.05          | ND(0.14) J                 |  |
|   |   |  |        | *****  |               | Dichlorodifluoromethane       | CCAL %D                                     | 25.2%          | <25%           | ND(0.0072) J               |  |
|   |   |  | -      |  |               | Vinyl Acetate                 | CCAL %D                                     | 31.6%          | <25%           | ND(0.0072) J               |  |
| 2J0P660   | RAA13-H89 (1 - 3)                       | 10/23/2002   | Soil   | Tier II  | Yes           | Acrolein                      | ICAL RRF                                    | 0.002          | >0.05          | ND(0.12) J                 |  |
|   |   |  |        |  |               | Dichlorodifluoromethane       | CCAL %D                                     | 25.2%          | <25%           | ND(0.0062) J               |  |
| M. J. St. and A. A.   |   |  |        | ······································   |               | Vinyl Acetate                 | CCAL %D                                     | 31.6%          | <25%           | ND(0.0062) J               |  |
| 2J0P660   | RAA13-H89 (8 - 10)                      | 10/23/2002   | Soil   | Tier II  | Yes           | Acetonitrile                  | CCAL RRF                                    | 0.05           | <25%           | ND(0.13) J                 |  |
|   |   |  |        |  | -             | Acrolein                      | ICAL RRF                                    | 0.002          | >0.05          | ND(0.13) J                 |  |
|   |   | 1  |        |  | <u> </u>      | Vinyl Acetate                 | CCAL %D                                     | 26.4%          | <25%           | ND(0.0065) J               | 1  |

# ANALYTICAL DATA VALIDATION SUMMARY GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

| Sample Delivery<br>Group No. | Sample ID  | Date Collected                          | Matrix       | Validation<br>Level | Qualification | Compound  | QA/QC Parameter   | Value          | Control Limits             | Qualified Result            | Notes  |
|------------------------------|--|---|--------------|---------------------|---------------|---|---|----------------|----------------------------|-----------------------------|--|
| VOCs (continued)             |  |   | ·            | r                   | T             | 1   | LOOM BOS  | 0.05           | T 2000/                    | ND/0.46V I                  | T  |
| 2J0P660                      | RB-102302-1 (0 - 0)  | 10/23/2002                              | Solt         | Tier II             | Yes           | Acetonitrile<br>Acrolein                              | CCAL RRF  | 0.002          | <25%<br>>0.05              | ND(0.10) J<br>ND(0.10) J    |  |
|                              |  |   | }            | i                   |               | Vinyl Acetate   | CCAL %D   | 26.4%          | <25%                       | ND(0.0050) J                | **************************************   |
| 2J0P703                      | RAA13-1 (21 - 23)  | 10/24/2002                              | Soil         | Tier II             | Yes           | Acrolein  | ICAL RRF  | 0.002          | >0.05                      | ND(0.14) J                  |  |
|                              |  | 1 |              |                     |               | Propionitrile   | CCAL %D   | 28.0%          | <25%                       | ND(0.014) J                 |  |
|                              |  |   |              |                     |               | trans-1,4-Dichloro-2-butene                           | CCAL %D   | 33.2%          | <25%                       | ND(0.0077) J                | A CALL CONTROL OF MENTINES AND AND AND AND AND AND AND AND AND AND   |
|                              |  |   | 1            | <u> </u>            |               | Vinyl Acetate   | CCAL %D   | 32.8%          | <25%                       | ND(0.0071) J                |  |
| 2J0P703                      | RAA13-1 (4 - 6)  | 10/24/2002                              | Soil         | Tier II             | Yes           | Acrolein  | ICAL RRF  | 0.002          | >0.05                      | ND(0.15) J                  |  |
|                              |  |   |              |                     |               | Propionitrile   | CCAL %D   | 28.0%          | <25%                       | ND(0.015) J                 |  |
|                              |  |   |              |                     |               | trans-1,4-Dichloro-2-butene                           | CCAL %D   | 33.2%          | <25%                       | ND(0.0077) J                |  |
| 2J0P703                      | (D. A.4.2. D. 20. (A)  | 10/01/0000                              | - C-3        | Y1 U                | ļ             | Vinyl Acetate   | ICAL RRF  | 32.8%<br>0,002 | <25%<br>>0.05              | ND(0.0077) J<br>ND(0.18) J  |  |
| 2301703                      | RAA13-B78 (0 - 1)  | 10/24/2002                              | Soil         | Tier II             | Yes           | Acrolein<br>Propionitrile                             | CCAL %D   | 28,0%          | <25%                       | ND(0,18) J                  |  |
|                              |  |   |              |                     |               | trans-1,4-Dichloro-2-butene                           | CCAL %D   | 33.2%          | <25%                       | ND(0.0089) J                |  |
|                              |  |   |              |                     |               | Vinyl Acetate   | CCAL %D   | 32.8%          | <25%                       | ND(0.0089) J                |  |
| 2J0P703                      | RAA13-B78 (1 - 3)  | 10/24/2002                              | Soil         | Tier II             | Yes           | Acrolein  | ICAL RRF  | 0.002          | >0.05                      | ND(0.13) J                  |  |
|                              |  |   |              |                     |               | Propionitrile   | CCAL %D   | 28.0%          | <25%                       | ND(0.013) J                 | ***************************************  |
|                              |  |   |              |                     |               | trans-1,4-Dichloro-2-butene                           | CCAL %D   | 33.2%          | <25%                       | ND(0.0067) J                |  |
|                              | TO THE PROPERTY OF THE PROPERT |   | 1            |                     |               | Vinyl Acetate   | CCAL %D   | 32.8%          | <25%                       | ND(0.0067) J                |  |
| 2J0P703                      | RAA13-878 (4 - 6)  | 10/24/2002                              | Soil         | Tier II             | Yes           | Acrolein  | ICAL RRF  | 0.002          | >0.05                      | ND(0.13) J                  |  |
|                              |  |   |              |                     |               | Propionitrile   | CCAL %D   | 28.0%          | <25%                       | ND(0.013) J                 |  |
|                              |  |   |              |                     |               | trans-1,4-Dichloro-2-butene                           | CCAL %D   | 33.2%          | <25%                       | ND(0.0064) J                |  |
| 2J0P703                      | RAA13-879 (0 - 1)  | 10/24/2002                              | Soil         | Tier II             | Yes           | Vinyl Acetate<br>Acrolein                             | ICAL RRF  | 32.8%<br>0.002 | <25%<br>>0.05              | ND(0.0064) J<br>ND(0.15) J  |  |
| 2301 703                     | 100(13-678 (0 - 1)   | 10/24/2002                              | 3011         | l liet ii           | 165           | Propionitrile   | CCAL %D   | 28.0%          | <25%                       | ND(0.15) J                  |  |
|                              |  |   | 1            |                     |               | trans-1,4-Dichloro-2-butene                           | CCAL %D   | 33.2%          | <25%                       | ND(0.0077) J                |  |
|                              |  |   |              |                     | -             | Vinyl Acetate   | ICCAL %D  | 32.8%          | <25%                       | ND(0.0077) J                | The state of the s |
| 2J0P703                      | RAA13-879 (1 - 3)  | 10/24/2002                              | Soil         | Tier II             | Yes           | Acrolein  | ICAL RRF  | 0.002          | >0.05                      | ND(0.14) J                  |  |
|                              |  |   |              |                     |               | Propionitrile   | CCAL %D   | 28.0%          | <25%                       | ND(0.014) J                 |  |
|                              |  |   |              |                     |               | trans-1,4-Dichloro-2-butene                           | CCAL %D   | 33.2%          | <25%                       | ND(0.0068) J                |  |
|                              |  |   |              |                     |               | Vinyl Acetate   | CCAL %D   | 32.8%          | <25%                       | ND(0.0068) J                |  |
| 2J0P703                      | RAA13-B79 (8 - 10)   | 10/24/2002                              | Soil         | Tier II             | Yes           | Acrolein  | ICAL RRF  | 0.002          | >0.05                      | ND(0.14) J                  |  |
|                              |  |   |              |                     |               | Propionitrile   | CCAL %D   | 28.0%          | <25%                       | ND(0.014) J                 |  |
|                              |  |   |              |                     |               | trans-1,4-Dichloro-2-butene                           | CCAL %D   | 33.2%          | <25%                       | ND(0.0070) J                |  |
| 2J0P703                      | RAA13-B86 (0 - 1)  | 10/24/2002                              | Soil         | Tier II             | Yes           | Vinyl Acetate<br>1,1,2,2-Tetrachloroethane            | CCAL %D Internal Standard 1,2-Dichlorobenzene-d4 %R                                     | 32.8%<br>46.8% | <25%<br>50% to 200%        | ND(0.0070) J<br>ND(0.011) J | Use original analysis  |
| 2001 100                     | 144110-000 (0 - 1)   | 10/24/2002                              | 1,30/1       | 1 (61 ))            | 169           | 1,2,3-Trichloropropane                                | Internal Standard 1,2-Dichlorobenzene-d4 %R   | 46.8%          | 50% to 200%                | ND(0.011) J                 | Ose original arranysis   |
|                              |  | 1                                       |              |                     |               | 1,2-Dibromo-3-chloropropane                           | Internal Standard 1,2-Dichlorobenzene-d4 %R   | 46.8%          | 50% to 200%                | ND(0.011) J                 |  |
|                              |  |   |              |                     |               | Acrolein  | ICAL RRF  | 0.002          | >0.05                      | ND(0.23) J                  |  |
|                              |  |   | 1            |                     | 1             | Propionitrile   | CCAL %D   | 28.0%          | <25%                       | ND(0.023) J                 |  |
|                              |  |   |              |                     |               | trans-1,4-Dichloro-2-butene                           | CCAL %D   | 33.2%          | <25%                       | ND(0.011) J                 | The state of the s |
|                              |  |   |              |                     |               | trans-1,4-Dichloro-2-butene                           | Internal Standard 1,2-Dichlorobenzene-d4 %R   | 46.8%          | 50% to 200%                | ND(0.011) J                 |  |
| 2J0P703                      | RAA13-B86 (1 - 3)  | A DAME & London                         |              |                     | <b> </b>      | Vinyl Acetate   | CCAL %D   | 32.8%          | <25%                       | ND(0.011) J                 |  |
| 2301103                      | RAA13-886 (1 - 3)  | 10/24/2002                              | Soil         | Tier II             | Yes           | 1,1,2,2-Tetrachloroethane                             | Internal Standard 1,2-Dichlorobenzene-d4 %R   | 44.5%          | 50% to 200%                | ND(0.014) J                 | Use original analysis  |
|                              |  |   |              |                     |               | 1,2,3-Trichloropropane<br>1,2-Dibromo-3-chloropropane | Internal Standard 1,2-Dichlorobenzene-d4 %R Internal Standard 1,2-Dichlorobenzene-d4 %R | 44.5%<br>44.5% | 50% to 200%<br>50% to 200% | ND(0.014) J<br>ND(0.014) J  |  |
|                              |  |   |              |                     | ł             | Acrolein  | ICAL RRF  | 0.002          | >0.05                      | ND(0.27) J                  |  |
|                              |  |   |              |                     |               | Propionitrile   | CCAL %D   | 28.0%          | <25%                       | ND(0.027) J                 |  |
|                              |  |   | İ            |                     |               | trans-1,4-Dichloro-2-bulene                           | ICCAL %D  | 33.2%          | <25%                       | ND(0.014) J                 |  |
|                              |  |   | 1            |                     |               | trans-1,4-Dichloro-2-butene                           | Internal Standard 1,2-Dichlorobenzene-d4 %R   | 44.5%          | 50% to 200%                | ND(0.014) J                 |  |
|                              |  |   |              |                     |               | Vinyl Acetate   | CCAL %D   | 32.8%          | <25%                       | ND(0.014) J                 |  |
| 2J0P703                      | RAA13-886 (4 - 6)  | 10/24/2002                              | Soil         | Tier II             | Yes           | Acrolein  | ICAL RRF  | 0.002          | >0.05                      | NO(0.22) J                  |  |
|                              |  |   |              |                     |               | Propionitrile   | CCAL %D   | 28.0%          | <25%                       | ND(0.022) J                 |  |
|                              |  |   |              |                     |               | trans-1,4-Dichloro-2-butene                           | CCAL %D   | 33.2%          | <25%                       | ND(0.011) J                 |  |
| 2J0P703                      | RAA13-B87 (0 - 1)  | 4001000                                 | <del> </del> | 301 1               |               | Vinyl Acetate   | CCAL %D   | 32.8%          | <25%                       | ND(0.011) J                 |  |
| 23UF / U3                    | MAK 13-881 (U - 1)   | 10/24/2002                              | Soil         | Tier II             | Yes           | 1,1,2,2-Tetrachloroethane                             | Internal Standard 1,2-Dichlorobenzene-d4 %R   | 41.6%          | 50% to 200%                | ND(0.0088) J                | Use reanalysis   |
|                              |  |   | 1            |                     |               | 1,2,3-Trichloropropane                                | Internal Standard 1,2-Dichlorobenzene-d4 %R   | 41.6%          | 50% to 200%                | ND(0.0088) J                |  |
|                              |  |   | 1            |                     |               | 1,2-Dibromo-3-chloropropane<br>Acrolein               | Internal Standard 1,2-Dichlorobenzene-d4 %R   | 41.6%<br>0.002 | 50% to 200%<br>>0.05       | ND(0.0088) J<br>ND(0.18) J  |  |
|                              |  |   |              |                     |               | Propionitrile   | CCAL %D   | 28.0%          | <25%                       | ND(0.018) J                 |  |
|                              |  |   | 1            |                     |               | trans-1,4-Dichloro-2-butene                           | CCAL %D   | 33.2%          | <25%                       | ND(0.0088) J                | and the street of the street o |
|                              | 1  |   | 1            |                     | +             | trans-1,4-Dichloro-2-butene                           | Internal Standard 1,2-Dichlorobenzene-d4 %R   | 41.6%          | 50% to 200%                | ND(0.0088) J                | ***************************************  |
|                              | 1  | 1                                       | 1            |                     | 1             | Vinyl Acetate   | CCAL %D   | 32.8%          | <25%                       | ND(0.0088) J                |  |

# ANALYTICAL DATA VALIDATION SUMMARY GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

|                  |   | T                                       | T            |  | T T           |  | T  | <u> </u>       | <u> </u>                   | <u> </u>                     | <u> </u>   |
|------------------|---|---|--------------|--|---------------|--|--|----------------|----------------------------|------------------------------|--|
| Sample Delivery  |   |   |              | Validation   |               |  |  |                |                            |                              |  |
| Group No.        | Sample ID   | Date Collected                          | Matrix       | Level  | Qualification | Compound   | QA/QC Parameter  | Value          | Control Limits             | Qualified Result             | Notes  |
| VOCs (continued) |   | 1010 1 1000                             | <del>,</del> |  |               |  | LOAL COE   | 0.002          | 1 3000                     | I NOVO JEN I                 | T  |
| 2J0P703          | RAA13-B87 (1 - 3)   | 10/24/2002                              | Soil         | Tier II  | Yes           | Acrolein<br>Propionitrile                          | ICAL RRF   | 28.0%          | >0.05<br><25%              | ND(0.18) J<br>ND(0.018) J    |  |
|                  |   |   |              |  | 1             | trans-1,4-Dichloro-2-butene                        | GCAL %D  | 33.2%          | <25%                       | ND(0.0090) J                 | ***************************************  |
|                  |   |   |              |  |               | Vinyl Acetate                                      | CCAL %D  | 32.8%          | <25%                       | ND(0.0090) J                 |  |
| 2J0P703          | RAA13-B87 (4 - 6)   | 10/24/2002                              | Sail         | Tier II  | Yes           | Acrolein   | ICAL RRF   | 0.002          | >0.05                      | ND(0.15) J                   |  |
|                  |   |   |              |  |               | Propionitrile                                      | CCAL %D  | 28.0%          | <25%                       | ND(0.015) J                  |  |
|                  |   |   |              |  |               | trans-1,4-Dichloro-2-butene                        | CCAL %D  | 33.2%<br>32.8% | <25%<br><25%               | ND(0.0074) J<br>ND(0.0074) J |  |
| 2J0P703          | RAA13-C87 (0 - 1)   | 10/24/2002                              | Soil         | Tier II  | Yes           | Vinyl Acetate<br>Acrolein                          | ICAL 76D   | 0.002          | >0.05                      | ND(0.0074) J                 |  |
| 1.00             | 100110-007 (0 - 1)  | 10/24/2002                              | 000          | rici ii  | 100           | Propionitrile                                      | CCAL %D  | 28.0%          | <25%                       | ND(0.013) J                  |  |
|                  |   |   |              |  |               | trans-1,4-Dichloro-2-butene                        | CCAL %D  | 33.2%          | <25%                       | ND(0,0065) J                 | And the state of t |
|                  |   |   |              |  |               | Vinyl Acetate                                      | CCAL %D  | 32.8%          | <25%                       | ND(0.0065) J                 |  |
| 2J0P703          | RAA13-C87 (4 - 6)   | 10/24/2002                              | Soil         | Tier II  |               | Acrotein   | ICAL RRF   | 0.002          | >0.05                      | ND(0,14) J                   |  |
|                  |   |   |              |  |               | Propionitrile                                      | CCAL %D  | 28.0%          | <25%<br><25%               | ND(0.014) J<br>ND(0.0068) J  |  |
|                  |   | į                                       |              |  |               | trans-1,4-Dichloro-2-butene<br>Vinyl Acetate       | CCAL %D  | 33.2%<br>32.8% | ×25%                       | ND(0.0068) J                 | ***************************************  |
| 2J0P703          | RAA13-D87 (0 - 1)   | 10/24/2002                              | Soil         | Tier II  |               | Acrolein   | ICAL RRF   | 0.002          | >0.05                      | ND(0.14) J                   | ***************************************  |
|                  | ,   |   |              | ,,,,,,   |               | Propionitrile                                      | CCAL %D  | 28.0%          | <25%                       | ND(0.014) J                  | ***************************************  |
|                  |   |   |              |  |               | trans-1,4-Dichloro-2-butene                        | CCAL %D  | 33.2%          | <25%                       | ND(0.0070) J                 |  |
|                  | A EA CAN STANDARD COMPANY THE RESIDENCE AND AND AND AND AND AND AND AND AND AND |   |              | ha da mada a sa da da mara da da da da mara mara da da da mara mar | <u> </u>      | Vinyt Acetate                                      | CCAL %D  | 32.8%          | <25%                       | ND(0.0070) J                 |  |
| 2J0P703          | RAA13-D87 (1 - 3)   | 10/24/2002                              | Soil         | Tier II  |               | Acrolein   | ICAL RRF   | 0.002          | >0.05                      | ND(0.15) J                   |  |
|                  |   |   |              |  |               | Propionitrile<br>trans-1,4-Dichloro-2-butene       | CCAL %D  | 28.0%          | <25%<br><25%               | ND(0.015) J<br>ND(0.0074) J  |  |
|                  |   |   |              |  |               | Viny Acetate                                       | CCAL %D  | 33.2%<br>32.8% | <25%                       | ND(0.0074) J                 | ***************************************  |
| 2J0P703          | RAA13-D87 (12 - 15)   | 10/24/2002                              | Soll         | Tier II  |               | Acrolein   | ICAL RRF   | 0.002          | >0.05                      | ND(0,13) J                   |  |
|                  | ,   |   |              |  |               | Propionitrile                                      | CCAL %D  | 28.0%          | <25%                       | ND(0.013) J                  |  |
|                  |   |   |              |  |               | trans-1,4-Dichloro-2-butene                        | CCAL %D  | 33.2%          | <25%                       | ND(0.0066) J                 |  |
|                  |   | ****                                    | ļ            | -  |               | Vinyl Acetate                                      | CCAL %D  | 32.8%          | <25%                       | ND(0.0066) J                 |  |
| 2J0P752          | NEW2-DUP-10 (8 - 10)  | 10/25/2002                              | Soil         | Tier II  | Yes           | 1,4-Dioxane  | CCAL %D  | 27.0%          | <25%                       | ND(0.15) J                   | Duplicate of RAA13-B84   |
|                  |   |   |              |  |               | Acrolein<br>Bromomethane                           | ICAL RRF   | 0.002<br>31.6% | >0,05<br><25%              | ND(0.15) J<br>ND(0.0074) J   |  |
| 2J0P752          | RAA13-B84 (0 - 1)   | 10/25/2002                              | Soil         | Tier II  | Yes           | 1,4-Dioxane  | CCAL %D  | 27.0%          | <25%                       | ND(0.15) J                   |  |
| 1                |   | 100000000000000000000000000000000000000 | "            | 110111   | '**           | Acrolein   | ICAL RRF   | 0.002          | >0.05                      | ND(0.15) J                   |  |
|                  |   |   |              |  |               | Bromomethane                                       | CCAL %D  | 31.6%          | <25%                       | ND(0.0074) J                 | **************************************   |
| 2J0P752          | RAA13-B84 (1 - 3)   | 10/25/2002                              | Soll         | Tier II  | Yes           | 1,4-Dioxane  | CCAL %D  | 27.0%          | <25%                       | ND(0.14) J                   | Use original analysis  |
|                  | į   |   |              |  |               | Acrolein   | ICAL RRF   | 0.002          | >0.05                      | ND(0.14) J                   |  |
|                  |   |   | 1            |  |               | Bromomethane                                       | CCAL %D  | 31.6%          | <25%                       | ND(0.0071) J                 |  |
|                  |   |   |              |  |               | 1,1,1,2-Tetrachloroethane<br>1,1,1-Trichloroethane | Internal Standard Chlorobenzene-d5 %R Internal Standard Fluorobenzene %R | 37.7%<br>35.5% | 50% to 200%<br>50% to 200% | ND(0.0071) J<br>ND(0.0071) J |  |
| ĺ                |   |   |              |  |               | 1,1,2,2-Tetrachloroethane                          | Internal Standard 7.00/00enzene /arx                                     | 41.4%          | 50% to 200%                | ND(0.0071) J                 | ******************************   |
|                  |   |   |              |  |               | 1,1,2-Trichloroethane                              | Internal Standard Chlorobenzene-d5 %R                                    | 37.7%          | 50% to 200%                | ND(0.0071) J                 | ***************************************  |
|                  |   |   |              |  |               | 1,1-Dichloroethane                                 | Internal Standard Fluorobenzene %R                                       | 35.5%          | 50% to 200%                | ND(0.0071) J                 |  |
|                  |   |   |              |  |               | 1,1-Dichloroethene                                 | Internal Standard Fluorobenzene %R                                       | 35.5%          | 50% to 200%                | ND(0.0071) J                 |  |
|                  |   |   |              |  |               | 1,2,3-Trichloropropane                             | Internal Standard 1,2-Dichlorobenzene-d4 %R                              | 41.4%          | 50% to 200%                | ND(0.0071) J                 |  |
|                  |   |   |              |  |               | 1,2-Dibromo-3-chloropropane                        | Internal Standard 1,2-Dichlorobenzene-d4 %R                              | 41.4%          | 50% to 200%                | ND(0.0071) J                 |  |
|                  |   |   |              |  |               | 1,2-Dibromoethane<br>1,2-Dichloroethane            | Internal Standard Chlorobenzene-d5 %R Internal Standard Fluorobenzene %R | 37.7%<br>35.5% | 50% to 200%<br>50% to 200% | ND(0.0071) J<br>ND(0.0071) J |  |
|                  |   |   |              |  |               | 1,2-Dichloropropane                                | Internal Standard Fluorobenzene %R                                       | 35.5%          | 50% to 200%                | ND(0.0071) J                 |  |
|                  |   |   |              |  |               | 1,4-Dioxane  | Internal Standard Fluorobenzene %R                                       | 35.5%          | 50% to 200%                | ND(0.14) J                   | ***************************************  |
|                  |   |   |              |  |               | 2-Butanone   | Internal Standard Fluorobenzene %R                                       | 35.5%          | 50% to 200%                | ND(0.014) J                  | ***************************************  |
|                  |   |   |              |  |               | 2-Chloro-1,3-butadiene                             | Internal Standard Fluorobenzene %R                                       | 35.5%          | 50% to 200%                | ND(0.0071) J                 |  |
|                  |   |   |              |  |               | 2-Chloroethylvinylether                            | Internal Standard Fluorobenzene %R                                       | 35.5%          | 50% to 200%                | ND(0.0071) J                 | **************************************   |
|                  |   |   |              |  |               | 2-Hexanone   | Internal Standard Chlorobenzene-d5 %R                                    | 37.7%          | 50% to 200%                | ND(0.014) J                  |  |
|                  |   |   |              |  |               | 3-Chloropropene<br>4-Melhyl-2-pentanone            | Internal Standard Fluorobenzene %R                                       | 35.5%          | 50% to 200%                | ND(0.0071) J<br>ND(0.014) J  |  |
|                  |   |   |              |  | 1             | 4-Meinyi-2-pentanone<br>Acetone                    | Internal Standard Fluorobenzene %R Internal Standard Fluorobenzene %R    | 35.5%<br>35.5% | 50% to 200%<br>50% to 200% | ND(0.028) J                  |  |
|                  |   |   |              |  | ]             | Acetonitrile                                       | Internal Standard Fluorobenzene %R                                       | 35.5%          | 50% to 200%                | ND(0.028) 3                  |  |
|                  |   |   |              |  |               | Acrolein   | Internal Standard Fluorobenzene %R                                       | 35.5%          | 50% to 200%                | ND(0.14) J                   |  |
|                  |   |   |              |  |               | Acrylonitrile                                      | Internal Standard Fluorobenzene %R                                       | 35.5%          | 50% to 200%                | ND(0.0071) J                 | And the state of t |
|                  |   |   |              |  | [             | Benzene  | Internal Standard Fluorobenzene %R                                       | 35,5%          | 50% to 200%                | ND(0.0071) J                 |  |
|                  |   |   |              |  | j l           | Bromodichloromethane                               | Internal Standard Fluorobenzene %R                                       | 35.5%          | 50% to 200%                | ND(0,0071) J                 |  |
|                  |   |   |              |  |               | Bromoform  | Internal Standard Chlorobenzene-d5 %R                                    | 37.7%          | 50% to 200%                | ND(0.0071) J                 |  |
|                  |   |   | ı            |  | 1             | Bromomethane                                       | Internal Standard Fluorobenzene %R                                       | 35.5%          | 50% to 200%                | ND(0.0071) J                 |  |

# ANALYTICAL DATA VALIDATION SUMMARY GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

|                              |   | T T   |   |                     | <u> </u>      |  |  |                |                            |                              |  |
|------------------------------|---|---|---|---------------------|---------------|--|--|----------------|----------------------------|------------------------------|--|
| Sample Delivery<br>Group No. | Sample ID                               | Date Collected                                  | Matrix                                  | Validation<br>Level | Qualification | Compound                               | QA/QC Parameter  | Value          | Control Limits             | Qualified Result             | Notes  |
| VOCs (continued)             |   | *   | *************************************** |                     |               |  |  |                |                            |                              |  |
| 2J0P752                      | RAA13-884 (1 - 3)                       | 10/25/2002                                      | Soll                                    | Tier II             | Yes           | Carbon Disulfide                       | Internal Standard Fluorobenzene %R                                       | 35.5%          | 50% to 200%                | ND(0.0071) J                 |  |
|                              |   |   |   |                     |               | Carbon Tetrachloride                   | Internal Standard Fluorobenzene %R                                       | 35.5%          | 50% to 200%                | ND(0.0071) J                 |  |
|                              | į                                       |   | ] '                                     |                     |               | Chlorobenzene                          | Internal Standard Chlorobenzene-d5 %R                                    | 37.7%          | 50% to 200%                | ND(0.0071) J                 |  |
|                              | •                                       |   |   |                     |               | Chloroethane                           | Internal Standard Fluorobenzene %R                                       | 35.5%          | 50% to 200%                | NO(0.0071) J                 |  |
|                              | 1                                       |   |   |                     |               | Chloroform                             | Internal Standard Fluorobenzene %R                                       | 35.5%          | 50% to 200%                | ND(0.0071) J                 |  |
|                              |   |   |   |                     |               | Chloromethane                          | Internal Standard Fluorobenzene %R                                       | 35.5%          | 50% to 200%                | ND(0.0071) J                 |  |
|                              |   |   |   |                     |               | cis-1,3-Dichloropropene                | internal Standard Fluorobenzene %R                                       | 35.5%<br>37.7% | 50% to 200%<br>50% to 200% | ND(0.0071) J<br>ND(0.0071) J |  |
|                              |   |   |   |                     |               | Dibromochloromethane<br>Dibromomethane | Internal Standard Chlorobenzene-d5 %R Internal Standard Fluorobenzene %R | 35.5%          | 50% to 200%                | ND(0.0071) J                 | ***************************************  |
|                              |   |   |   |                     |               | Dichlorodifluoromethane                | Internal Standard Fluorobenzene %R                                       | 35.5%          | 50% to 200%                | ND(0.0071) J                 |  |
|                              | 1                                       |   | i                                       |                     |               | Ethyl Methacrylate                     | Internal Standard Chlorobenzene-d5 %R                                    | 37.7%          | 50% to 200%                | ND(0.0071) J                 |  |
|                              |   |   |   |                     |               | Ethylbenzene                           | Internal Standard Chlorobenzene-d5 %R                                    | 37.7%          | 50% to 200%                | ND(0.0071) J                 | and the state of t |
|                              | SEE SEE SEE SEE SEE SEE SEE SEE SEE SEE |   |   |                     |               | lodomethane                            | Internal Standard Fluorobenzene %R                                       | 35.5%          | 50% to 200%                | ND(0,0071) J                 |  |
|                              | makeepili .                             |   |   |                     |               | Isobutanol                             | Internal Standard Fluorobenzene %R                                       | 35.5%          | 50% to 200%                | ND(0.14) J                   |  |
|                              | events.                                 |   |   |                     | 1             | Methacrylonitrile                      | Internal Standard Fluorobenzene %R                                       | 35.5%          | 50% to 200%                | ND(0.0071) J                 |  |
|                              | 1                                       |   |   |                     |               | Methyl Methacrylate                    | Internal Standard Fluorobenzene %R                                       | 35.5%          | 50% to 200%                | ND(0.0071) J                 |  |
|                              | -                                       |   |   |                     | 1             | Methylene Chloride                     | Internal Standard Fluorobenzene %R                                       | 35.5%          | 50% to 200%                | ND(0.0071) J                 |  |
|                              |   |   | 1                                       |                     | 1             | Propionitrile                          | Internal Standard Fluorobenzene %R                                       | 35.5%          | 50% to 200%                | ND(0,014) J                  |  |
|                              |   |   |   |                     | }             | Styrene                                | Internal Standard Chlorobenzene-d5 %R                                    | 37.7%          | 50% to 200%                | ND(0.0071) J                 |  |
|                              |   | į   |   |                     |               | Tetrachloroethene                      | Internal Standard Chlorobenzene-d5 %R                                    | 37.7%          | 50% to 200%                | ND(0.0071) J                 |  |
|                              |   | ļ   | 1                                       |                     |               | Toluene                                | Internal Standard Chlorobenzene-d5 %R                                    | 37.7%          | 50% to 200%                | ND(0.0071) J                 |  |
|                              |   | }   |   |                     |               | trans-1,2-Dichloroethene               | Internal Standard Fluorobenzene %R                                       | 35.5%          | 50% to 200%                | ND(0.0071) J                 |  |
|                              |   |   |   |                     |               | trans-1,3-Dichloropropene              | Internal Standard Chlorobenzene-d5 %R                                    | 37.7%          | 50% to 200%                | ND(0.0071) J                 |  |
|                              |   |   |   |                     |               | trans-1,4-Dichloro-2-butene            | Internal Standard 1,2-Dichlorobenzene-d4 %R                              | 41.4%          | 50% to 200%                | NO(0.0071) J                 |  |
|                              |   | İ   |   |                     |               | Trichloroethene                        | Internal Standard Fluorobenzene %R                                       | 35.5%          | 50% to 200%                | ND(0.0071) J                 |  |
|                              |   |   |   |                     |               | Trichlorofluoromethane                 | Internal Standard Fluorobenzene %R                                       | 35.5%          | 50% to 200%                | ND(0.0071) J                 |  |
|                              |   |   |   |                     |               | Vinyl Acetate                          | Internal Standard Fluorobenzene %R                                       | 35.5%          | 50% to 200%                | ND(0.0071) J                 |  |
|                              |   |   |   |                     |               | Vinyl Chloride                         | Internal Standard Fluorobenzene %R Internal Standard Chlorobenzene-d5 %R | 35.5%<br>37.7% | 50% to 200%<br>50% to 200% | ND(0.0071) J<br>ND(0.0071) J |  |
| 2J0P752                      | F34443 F304 (6, 46)                     | 10/25/2002                                      | 0-11                                    | Tier II             | Yes           | Xylenes (total) 1.4-Dioxane            | CCAL %D  | 27.0%          | <25%                       | ND(0.14) J                   |  |
| ZJUP75Z                      | RAA13-884 (8 - 10)                      | 10/23/2002                                      | Soil                                    | Heri                | 165           | Acrolein                               | ICAL RRF   | 0.002          | >0.05                      | ND(0.14) J                   |  |
|                              |   |   | 1                                       |                     | 1             | Bromomethane                           | CCAL %D  | 31.6%          | <25%                       | ND(0,0070) J                 |  |
| 2J0P752                      | RAA13-C85 (0 - 1)                       | 10/25/2002                                      | Soil                                    | Tier II             | Yes           | 1,4-Dioxane                            | CCAL %D  | 27.0%          | <25%                       | ND(0,15) J                   |  |
| 2007 102                     | 100110 000 (0 1)                        | 1 Line Grand Ca                                 | 00"                                     | 710111              | 100           | Acrolein                               | ICAL RRF   | 0.002          | >0.05                      | ND(0.15) J                   |  |
|                              |   | ļ   |   |                     |               | Bromomethane                           | CCAL %D  | 31,6%          | <25%                       | ND(0.0074) J                 | **************************************   |
| 2J0P752                      | RAA13-C85 (1 - 3)                       | 10/25/2002                                      | Soil                                    | Tier II             | Yes           | 1.4-Dioxane                            | CCAL %D  | 27.0%          | <25%                       | ND(0.15) J                   | A COLOR AND COLO |
|                              |   |   | 1                                       |                     |               | Acrolein                               | ICAL RRF   | 0.002          | >0.05                      | ND(0.15) J                   |  |
| ,,                           |   |   |   |                     |               | Bromomethane                           | CCAL %D  | 31.6%          | <25%                       | ND(0.0074) J                 |  |
| 2J0P752                      | RAA13-C85 (8 - 10)                      | 10/25/2002                                      | Soil                                    | Tier II             | Yes           | 1,4-Dioxane                            | CCAL %D  | 27.0%          | <25%                       | ND(0.12) J                   |  |
|                              |   |   | 1                                       |                     |               | Acrolein                               | ICAL RRF   | 0.002          | >0.05                      | ND(0.12) J                   |  |
|                              |   |   | ]                                       |                     | 1             | Bromomethane                           | CCAL %D  | 31.6%          | <25%                       | ND(0.0062) J                 |  |
| 2J0P752                      | RB-102502-1 (0 - 0)                     | 10/25/2002                                      | Soil                                    | Tier II             | Yes           | Acetonitrile                           | ICAL RRF   | 0.048          | >0.05                      | ND(0,10) J                   | and the second of the second o |
|                              |   |   |   |                     |               | Acrolein                               | ICAL RRF   | 0.010          | >0.05                      | ND(0,10) J                   |  |
|                              |   | <u> </u>  |   |                     | 1             | Acrylonitrite                          | ICAL RRF   | 0.020          | >0.05                      | ND(0.0050) J                 | 1  |
| SVOCs                        |   | \$4.000 mm                                      | <del></del>                             | ,                   |               |  |  |                | ·                          | ·                            |  |
| 210P596                      | NEW2-DUP-1 (6 - 10)                     | 9/26/2002                                       | Soil                                    | Tier II             | Yes           | 2,4,5-Trichlorophenol                  | CCAL %D  | 25.8%          | <25%                       | ND(0.55) J                   | Duplicate of RAA13-B2  |
|                              |   | İ   |   |                     |               | 2-Acetylaminofluorene                  | CCAL %D  | 29.2%          | <25%                       | ND(1.0) J                    | -  |
|                              |   |   |   |                     | 1             | 3,3'-Dichlorobenzidine                 | CCAL %D  | 26.3%          | <25%                       | ND(1.1) J                    |  |
|                              | 1                                       |   | 1                                       |                     |               | 3,3'-Dimethylbenzidine                 | CCAL %D  | 28.2%          | <25%                       | ND(0.55) J                   |  |
|                              | 1                                       |   |   | 1                   |               | 4-Nitroquinoline-1-oxide               | CCAL %D  | 33.1%          | <25%<br>>0.05              | ND(1.0) J                    |  |
|                              |   |   | 1                                       |                     |               | 4-Phenylenediamine                     | ICAL RRF   | 0.022          | >0.05<br><25%              | ND(1.0) J                    |  |
| i                            |   |   | 1                                       |                     |               | Aramite                                | CCAL %D  | 26.4%          | <25%<br><25%               | ND(1.0) J<br>ND(1.1) J       |  |
| i                            |   |   | 1                                       |                     | +             | Benzidine                              | ICAL RRF   | 0.029          | >0.05                      | ND(1.1) J                    |  |
|                              | A                                       | . Lagrange, , , , , , , , , , , , , , , , , , , | 1                                       | L                   | 1             | Hexachlorophene                        | HOW HILL   | 1 0.029        | T                          | 1 11/11/11/2                 |  |

# ANALYTICAL DATA VALIDATION SUMMARY GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

|                              | <u> </u>          | T               |        |                     | T             |   |                     |                |                |                          |   |
|------------------------------|-------------------|-----------------|--------|---------------------|---------------|---|---------------------|----------------|----------------|--------------------------|---|
| Sample Delivery<br>Group No. |                   | Date Collected  | Matrix | Validation<br>Level | Qualification | Compound  | QA/QC Parameter     | Value          | Control Limits | Qualified Result         | Notes                                   |
| SVOCs (continue              | Sample ID         | L Date Conected | Matrix | 1.0761              | Quanneation   | Compound  |                     |                |                |                          |   |
| 210P596                      | RAA13-A95 (1 - 3) | 9/26/2002       | Soil   | Tier II             | Yes           | 2,4,5-Trichlorophenol                           | CCAL %D             | 25.8%          | <25%           | ND(0.45) J               |   |
| 2101-090                     | (1-3)             | 872072002       | 00"    | 7,0,11              | 100           | 2-Acetylaminofluorene                           | CCAL %D<br>CCAL %D  | 29.2%          | <25%           | ND(0.75) J               |   |
|                              | 1                 |                 |        |                     | 1             | 3,3'-Dichlorobenzidine                          | CCAL %D             | 26.3%          | <25%           | ND(0.90) J               |   |
|                              | ŀ                 |                 |        |                     |               | 3,3'-Dimethylbenzidine                          | CCAL %D             | 28.2%          | <25%           | ND(0.45) J               |   |
|                              |                   |                 |        |                     |               | 4-Nitroquinoline-1-oxide                        | CCAL %D             | 33.1%          | <25%           | ND(0.75) J               |   |
|                              |                   |                 |        |                     |               | 4-Phenylenediamine                              | ICAL RRF            | 0.022          | >0.05          | ND(0.75) J<br>ND(0.75) J |   |
|                              |                   |                 |        |                     |               | Aramite   | CCAL %D             | 26.4%<br>41.0% | <25%<br><25%   | ND(0.90) J               |   |
|                              |                   | 1               |        |                     |               | Benzidine                                       | CCAL %D<br>ICAL RRF | 0.029          | >0.05          | ND(0.90) J               |   |
| 210P596                      | DAA42.A00.(0.4)   | 9/26/2002       | Soil   | Tier!!              | Yes           | Hexachlorophene 2,4,5-Trichlorophenol           | CCAL %D             | 25.8%          | <25%           | ND(0.42) J               |   |
| 2101090                      | RAA13-A99 (0 - 1) | 912012002       | 3011   | Hel H               | 165           | 2-Acetylaminofluorene                           | ICCAL %D            | 29.2%          | <25%           | ND(0.70) J               |   |
|                              |                   |                 |        |                     |               | 3,3'-Dichlorobenzidine                          | CCAL %D             | 26.3%          | <25%           | ND(0.84) J               |   |
|                              | 1                 |                 |        |                     |               | 3,3'-Dimethylbenzidine                          | CCAL %D             | 28.2%          | <25%           | ND(0.42) J               |   |
|                              |                   |                 |        |                     |               | 4-Nitroquinoline-1-oxide                        | CCAL %D             | 33.1%          | <25%           | ND(0.70) J               |   |
|                              |                   |                 |        |                     | 1             | 4-Phenylenediamine                              | ICAL RRF            | 0.022          | >0.05          | ND(0.70) J               |   |
|                              |                   |                 |        |                     | 1             | Aramite   | CCAL %D             | 26.4%          | <25%           | ND(0.70) J<br>ND(0.84) J |   |
|                              |                   |                 |        |                     |               | Benzidine                                       | CCAL %D             | 41.0%<br>0.029 | <25%<br>>0.05  | ND(0.84) J               |   |
|                              |                   | D. AND DE DE DE |        | W                   | Yes           | Hexachlorophene                                 | ICAL RRF<br>CCAL %D | 25.8%          | <25%           | ND(0.38) J               |   |
| 210P596                      | RAA13-B1 (0 - 1)  | 9/26/2002       | Soil   | Tier II             | res           | 2,4,5-Trichlorophenoi<br>2-Acetylaminofluorene  | GCAL %D             | 29.2%          | <25%           | ND(0.70) J               |   |
|                              |                   |                 |        |                     |               | 3,3'-Dichlorobenzidine                          | CCAL %D             | 26.3%          | <25%           | ND(0.77) J               |   |
|                              |                   |                 | 1 1    |                     |               | 3,3'-Dimethylbenzidine                          | CCAL %D             | 28.2%          | <25%           | ND(0.38) J               |   |
|                              |                   | 1               |        |                     |               | 4-Nitroguinoline-1-oxide                        | CCAL %D             | 33.1%          | <25%           | ND(0.70) J               |   |
|                              | 1                 |                 | 1      |                     | į             | 4-Phenylenediamine                              | ICAL RRF            | 0.022          | >0.05          | ND(0.70) J               |   |
|                              | 1                 |                 |        |                     | Ì             | Aramite   | CCAL %D             | 26.4%          | <25%           | ND(0.70) J               |   |
|                              |                   |                 |        |                     | Benzidine     | CCAL %D   | 41.0%               | <25%           | ND(0.77) J     |                          |   |
|                              |                   |                 |        |                     | <u> </u>      | Hexachlorophene                                 | ICAL RRF            | 0.029          | >0.05<br><25%  | ND(0.77) J<br>ND(0.47) J |   |
| 210P596                      | RAA13-B2 (6 - 10) | 9/26/2002       | Soil   | Tier II             | Yes           | 2,4,5-Trichlorophenol                           | CCAL %D             | 25.8%<br>29.2% | <25%<br><25%   | ND(0.94) J               |   |
|                              | 1                 |                 |        |                     |               | 2-Acetylaminofluorene<br>3,3'-Dichlorobenzidine | CCAL %D<br>CCAL %D  | 26.3%          | <25%           | ND(0.94) J               |   |
|                              |                   |                 |        |                     | į             | 3,3'-Dimethylbenzidine                          | CCAL %D             | 28.2%          | <25%           | ND(0.47) J               | *************************************** |
|                              |                   |                 | 1 1    |                     | İ             | 4-Nitroquinoline-1-oxide                        | CCAL %D             | 33.1%          | <25%           | ND(0.94) J               |   |
|                              |                   |                 |        |                     |               | 4-Phenylenediamine                              | ICAL RRF            | 0.022          | >0.05          | ND(0.94) J               |   |
|                              |                   |                 |        |                     |               | Aramite   | CCAL %D             | 26.4%          | <25%           | ND(0.94) J               |   |
|                              |                   |                 |        |                     |               | Benzidine                                       | CCAL %D             | 41.0%          | <25%           | ND(0.94) J               |   |
|                              |                   |                 |        |                     |               | Hexachlorophene                                 | ICAL RRF            | 0.029          | >0.05          | ND(0.94) J               |   |
| 2102596                      | RAA13-B96 (0 - 1) | 9/26/2002       | Soil   | Tier II             | Yes           | 2,4,5-Trichlorophenol                           | CCAL %D             | 25.8%          | <25%           | ND(0.45) J               |   |
|                              |                   |                 |        |                     |               | 2-Acetylaminofluorene                           | CCAL %D             | 29.2%          | <25%           | ND(0.70) J               |   |
|                              | 1                 |                 |        |                     |               | 3,3'-Dichlorobenzidine                          | GCAL %D             | 26.3%<br>28.2% | <25%<br><25%   | ND(0.90) J<br>ND(0.45) J |   |
|                              |                   |                 |        |                     |               | 3,3'-Dimethylbenzidine 4-Nitroquinoline-1-oxide | CCAL %D             | 33.1%          | <25%           | ND(0.70) J               |   |
|                              |                   |                 |        |                     |               | 4-Nitrodomoine-1-oxide 4-Phenylenediamine       | ICAL RRF            | 0.022          | >0.05          | ND(0.70) J               |   |
|                              |                   |                 |        |                     |               | Aramite   | CCAL %D             | 26.4%          | <25%           | ND(0.70) J               |   |
|                              |                   |                 |        |                     |               | Benzidine                                       | CCAL %D             | 41.0%          | <25%           | ND(0.90) J               |   |
|                              | Į.                |                 |        |                     |               | Hexachlorophene                                 | ICAL RRF            | 0.029          | >0.05          | ND(0.90) J               |   |
| 210P596                      | RAA13-C3 (0 - 1)  | 9/26/2002       | Soil   | Tier li             | Yes           | 2,4,5-Trichlorophenol                           | CCAL %D             | 25.8%          | <25%           | ND(0.95) J               |   |
|                              |                   |                 |        |                     |               | 2-Acetylaminofluorene                           | CCAL %D             | 29.2%          | <25%           | ND(0.95) J               |   |
|                              |                   |                 |        |                     |               | 3,3'-Dichlorobenzidine                          | CCAL %D             | 26.3%          | <25%           | ND(1.9) J                |   |
|                              |                   |                 |        |                     |               | 3,3'-Dimethylbenzidine                          | CCAL %D             | 28.2%          | <25%           | ND(0.95) J               |   |
|                              |                   |                 |        |                     |               | 4-Nitroquinoline-1-oxide                        | CCAL %D             | 33.1%          | <25%           | ND(0.95) J               |   |
|                              |                   |                 |        |                     |               | 4-Phenylenediamine                              | ICAL RRF            | 0.022<br>26,4% | >0.05<br><25%  | ND(0,95) J<br>ND(0,95) J |   |
|                              |                   |                 |        |                     |               | Aramite<br>Benzidine                            | CCAL %D             | 41.0%          | <25%           | ND(1.9) J                |   |
|                              |                   |                 |        |                     |               | Hexachlorophene                                 | ICAL RRF            | 0.029          | >0.05          | ND(1,9) J                |   |
| 2I0P596                      | RAA13-C5 (0 - 1)  | 9/26/2002       | Soil   | Tier II             | Yes           | 2.4.5-Trichlorophenol                           | CCAL %D             | 25.8%          | <25%           | ND(0.40) J               |   |
|                              |                   |                 |        |                     |               | 2-Acetylaminofluorene                           | CCAL %D             | 29.2%          | <25%           | ND(0.60) J               |   |
|                              |                   |                 |        |                     |               | 3,3'-Dichlorobenzidine                          | CCAL %D             | 26.3%          | <25%           | ND(0.80) J               |   |
|                              |                   |                 |        |                     |               | 3,3'-Dimethylbenzidine                          | CCAL %D             | 28.2%          | <25%           | ND(0.40) J               |   |
|                              |                   |                 |        | : - <del>-</del>    |               | 4-Nitroquinoline-1-oxide                        | CCAL %D             | 33.1%          | <25%           | ND(0.80) J               |   |
|                              | •                 |                 |        |                     |               | 4-Phenylenediamine                              | ICAL RRF            | 0.022          | >0.05          | ND(0.80) J               |   |
|                              |                   |                 |        |                     |               | Aramite   | CCAL %D             | 26.4%          | <25%           | ND(0.80) J               |   |
|                              |                   |                 |        |                     |               | Benzidine                                       | CCAL %D             | 41.0%          | <25%           | ND(0.80) J               |   |
|                              |                   | 1               | 11     |                     | 1             | Hexachlorophene                                 | ICAL RRF            | 0.029          | >0.05          | ND(0,80) J               |   |

### ANALYTICAL DATA VALIDATION SUMMARY GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

| Sample Delivery<br>Group No. | Sample ID           | Date Collected | Matrix | Validation<br>Level           | Qualification | Compound                                     | QA/QC Parameter     | Value          | Control Limits   | Qualified Result           | Notes                                   |
|------------------------------|---------------------|----------------|--------|-------------------------------|---------------|--|---------------------|----------------|------------------|----------------------------|---|
| SVOCs (continue              |                     |                | 1      |                               |               |  |                     |                | <b>1</b>         |                            |   |
| 210P596                      | RAA13-C5 (1 - 3)    | 9/26/2002      | Soil   | Tier II                       | Yes           | 2,4,5-Trichlorophenol                        | CCAL %D             | 25.8%          | <25%             | ND(0.40) J                 |   |
| 2.07.000                     | ,                   |                |        |                               |               | 2-Acetylaminofluorene                        | CCAL %D             | 29.2%          | <25%             | ND(0.80) J                 |   |
|                              |                     |                |        |                               |               | 3,3'-Dichlorobenzidine                       | CCAL %D             | 26.3%          | <25%             | ND(0.80) J                 |   |
|                              |                     |                |        |                               |               | 3,3'-Dimethylbenzidine                       | CCAL %D             | 28.2%          | <25%             | ND(0.40) J                 |   |
|                              |                     |                |        |                               | 1             | 4-Nitroquinoline-1-oxide                     | CCAL %D             | 33.1%<br>0.022 | <25%<br>>0.05    | ND(0.80) J<br>ND(0.80) J   | <u> </u>                                |
|                              |                     |                |        |                               |               | 4-Phenylenediamine                           | ICAL RRF            | 26.4%          | <25%             | ND(0.80) J                 |   |
|                              |                     |                |        |                               | 1             | Aramite<br>Benzidine                         | CCAL %D             | 41.0%          | <25%<br><25%     | ND(0.80) J                 |   |
|                              |                     |                |        |                               |               | Hexachlorophene                              | ICAL RRF            | 0.029          | >0.05            | ND(0.80) J                 |   |
| 210P596                      | RAA13-C96 (0 - 1)   | 9/26/2002      | Soil   | Tier II                       | Yes           | 2,4,5-Trichlorophenol                        | CCAL %D             | 25.8%          | <25%             | ND(0.35) J                 |   |
| L.01 000                     | 100110 000 (0 1)    | 0.20.2002      | 00.    | . 161 11                      | 1             | 2-Acetylaminofluorene                        | CCAL %D             | 29.2%          | <25%             | ND(0.70) J                 |   |
|                              |                     |                |        |                               | ]             | 3,3'-Dichlorobenzidine                       | CCAL %D             | 26.3%          | <25%             | ND(0.70) J                 |   |
|                              |                     |                |        |                               |               | 3,3'-Dimethylbenzidine                       | CCAL %D             | 28.2%          | <25%             | ND(0.35) J                 |   |
|                              |                     |                |        |                               | ļ             | 4-Nitroquinoline-1-oxide                     | CCAL %D             | 33.1%          | <25%             | ND(0.70) J                 |   |
|                              |                     |                |        |                               |               | 4-Phenylenediamine                           | ICAL RRF            | 0.022          | >0.05            | ND(0.70) J                 |   |
|                              | 1                   |                |        |                               | ĺ             | Aramite                                      | CCAL %D             | 26.4%          | <25%             | ND(0.70) J                 |   |
|                              |                     |                |        |                               | 1             | Benzidine                                    | CCAL %D             | 41.0%<br>0.029 | <25%<br>>0.05    | ND(0.70) J<br>ND(0.70) J   |   |
| 210P596                      | RAA13-F96 (0 - 1)   | 9/26/2002      | Soil   | Tier II                       | Yes           | Hexachlorophene 2,4,5-Trichlorophenol        | CCAL %D             | 25.8%          | <25%             | ND(0.44) J                 |   |
| XION-280                     | POAT3-P96 (0 - 1)   | 9/20/2002      | 2011   | 1101 11                       | 1 es          | 2-Acetylaminofluorene                        | CCAL %D             | 29.2%          | <25%             | ND(0.74) J                 | *************************************** |
|                              |                     |                |        |                               |               | 3,3'-Dichlorobenzidine                       | CCAL %D             | 26.3%          | <25%             | ND(0.88) J                 |   |
|                              |                     |                |        |                               |               | 3,3'-Dimethylbenzidine                       | CCAL %D             | 28.2%          | <25%             | ND(0.44) J                 |   |
|                              |                     |                |        |                               |               | 4-Nitroquinoline-1-oxide                     | CCAL %D             | 33.1%          | <25%             | NO(0.74) J                 |   |
|                              | 1                   |                |        |                               |               | 4-Phenylenediamine                           | ICAL RRF            | 0.022          | >0.05            | ND(0.74) J                 |   |
|                              |                     |                |        |                               | l             | Aramite                                      | CCAL %D             | 26.4%          | <25%             | ND(0.74) J                 |   |
|                              |                     |                |        |                               |               | Benzidine                                    | CCAL %D             | 41.0%          | <25%             | ND(0.88) J                 |   |
|                              |                     |                |        |                               | ļ             | Hexachlorophene                              | ICAL RRF            | 0.029          | >0.05            | ND(0.88) J                 |   |
| 210P596                      | RB-092602-1 (0 - 0) | 9/26/2002      | Water  | Tier II                       | Yes           | 2,4,5-Trichlorophenol                        | CCAL %D             | 25.8%          | <25%             | ND(0.010) J                |   |
|                              |                     |                |        |                               |               | 2-Acetylaminofluorene 3.3'-Dichlorobenzidine | GCAL %D<br>CCAL %D  | 29.2%<br>26.3% | <25%<br><25%     | ND(0.010) J<br>ND(0.020) J |   |
|                              |                     |                |        |                               |               | 3,3'-Dimethylbenzidine                       | GCAL %D             | 28.2%          | <25%             | ND(0.010) J                |   |
|                              |                     |                |        |                               |               | 4-Nitroguinoline-1-oxide                     | CCAL %D             | 33.1%          | <25%             | ND(0.010) J                | ······································  |
|                              |                     |                |        |                               |               | 4-Phenylenediamine                           | ICAL RRF            | 0.022          | >0.05            | ND(0.010) J                |   |
|                              |                     |                |        |                               |               | Aramite                                      | CCAL %D             | 26.4%          | <25%             | ND(0.010) J                |   |
|                              |                     |                |        |                               |               | Benzidine                                    | CCAL %D             | 41.0%          | <25%             | ND(0.020) J                |   |
|                              |                     |                |        |                               |               | Hexachlorophene                              | ICAL RRF            | 0.029          | >0.05            | ND(0.020) J                |   |
| 2J0P007                      | RAA13-A94 (0 - 1)   | 9/30/2002      | Soil   | Tier II                       | Yes           | 2,4,5-Trichlorophenol                        | CCAL %D             | 25.8%          | <25%             | ND(0.42) J                 |   |
|                              | 1                   |                |        |                               |               | 4-Nitroquinoline-1-oxide                     | CCAL %D             | 37.7%          | <25%             | ND(0.84) J                 |   |
|                              |                     |                |        |                               |               | 4-Phenylenediamine<br>Benzidine              | ICAL RRF            | 0.022<br>41.0% | >0.05<br><25%    | ND(0.84) J<br>ND(0.84) J   |   |
|                              |                     |                |        |                               |               | Hexachlorophene                              | ICAL RRF            | 0.029          | >0.05            | ND(0.84) J                 |   |
| 2J0P007                      | RAA13-E94 (0 - 1)   | 9/30/2002      | Soil   | Tier II                       | Yes           | 2,4,5-Trichlorophenol                        | CCAL %D             | 25.8%          | <25%             | ND(0.63) J                 |   |
|                              | ,                   |                |        | 714. 17                       | 1             | 4-Nitroquinoline-1-oxide                     | CCAL %D             | 37.7%          | <25%             | ND(0.90) J                 |   |
|                              |                     |                |        |                               |               | 4-Phenylenediamine                           | ICAL RRF            | 0.022          | >0.05            | ND(0.90) J                 |   |
|                              |                     |                |        |                               |               | Benzidine                                    | CCAL %D             | 41.0%          | <25%             | ND(1.3) J                  |   |
|                              |                     |                |        |                               |               | Hexachlorophene                              | ICAL RRF            | 0.029          | >0.05            | ND(1,3) J                  |   |
| 2J0P007                      | RAA13-E95 (1 - 3)   | 9/30/2002      | Soil   | Tier II                       | Yes           | 2,4,5-Trichlorophenol                        | CCAL %D             | 25.8%          | <25%             | ND(0.66) J                 |   |
|                              |                     |                |        |                               |               | 4-Nitroquinoline-1-oxide                     | CCAL %D             | 37.7%          | <25%             | ND(0.94) J                 |   |
|                              |                     |                |        |                               |               | 4-Phenylenediamine                           | ICAL RRF            | 0.022          | >0.05            | ND(0.94) J                 |   |
|                              |                     |                |        |                               |               | Benzidine                                    | GCAL %D<br>ICAL RRF | 41.0%          | <25%<br>>0.05    | ND(1.3) J                  |   |
| 2J0P007                      | RAA13-F93 (1 - 3)   | 9/30/2002      | Soil   | Tier II                       | Yes           | Hexachlorophene 2,4,5-Trichlorophenol        | GCAL %D             | 0.029<br>25.8% | <25%             | ND(1.3) J<br>ND(0.51) J    |   |
|                              | 1                   | ALCOHOLOGY.    | ""     | 1160 ()                       | 100           | 4-Nitroquinoline-1-oxide                     | CCAL %D             | 37.7%          | <25%             | ND(0.93) J                 |   |
|                              |                     |                |        |                               |               | 4-Phenylenediamine                           | ICAL RRF            | 0.022          | >0.05            | ND(0.93) J                 |   |
|                              |                     |                |        |                               |               | Benzidine                                    | CCAL %D             | 41.0%          | <25%             | ND(1.0) J                  | **************************************  |
|                              |                     |                |        |                               |               | Hexachlorophene                              | ICAL RRF            | 0,029          | >0.05            | ND(1.0) J                  |   |
| 2J0P007                      | RAA13-G94 (0 - 1)   | 9/30/2002      | Soil   | Tier II                       | Yes           | 2,4,5-Trichlorophenol                        | CCAL %D             | 25.8%          | <25%             | ND(0.45) J                 |   |
|                              |                     |                |        |                               |               | 4-Nitroquinoline-1-oxide                     | CCAL %D             | 37.7%          | <25%             | ND(0.91) J                 |   |
|                              |                     |                |        |                               |               | 4-Phenylenediamine                           | ICAL RRF            | 0.022          | <b>&gt;0</b> .05 | ND(0.91) J                 |   |
|                              |                     | 1              |        |                               |               | Benzidine                                    | CCAL %D             | 41.0%          | <25%             | ND(0.91) J                 |   |
|                              |                     |                |        | ***************************** | <u> </u>      | Hexachlorophene                              | ICAL RRF            | 0.029          | >0.05            | ND(0.91) J                 |   |

# ANALYTICAL DATA VALIDATION SUMMARY GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

| Sample Delivery<br>Group No.       | Sample ID   | Date Collected   | Matrix       | Validation<br>Level                     | Qualification | Compound                                       | QA/QC Parameter   | Value          | Control Limits | Qualified Result        | Notes  |
|------------------------------------|---|--|--------------|---|---------------|--|-------------------|----------------|----------------|-------------------------|--|
| SVOCs (continue                    |   | Oate Collected   | Matrix       | 20101                                   | Quantication  | Compound                                       | COVCC ( SIRINGIO) | 1 10100        | Outdon Entario | T CONTINUE TO DO TO     | 14000  |
| 2J0P051                            | NEW2-DUP-4 (0 - 1)                                    | 10/1/2002  | Soil         | Tier II                                 | Yes           | 4-Phenylenediamine                             | IICAL RRF         | 0.022          | >0.05          | ND(1.0) J               | Duplicate of RAA13-G92   |
| 2001.001                           | 14 (0 - 1)  | 100112002  | 00.1         | ,,,,,,                                  | 100           | a.a'-Dimethylphenethylamine                    | CCAL %D           | 25.2%          | <25%           | ND(1.0) J               | remonent of Producer executive manuscrature consistence of the state o |
|                                    |   |  |              |   |               | Benzidine                                      | CCAL %D           | 33.6%          | <25%           | ND(1.2) J               |  |
|                                    |   |  |              |   |               | Hexachlorophene                                | ICAL RRF          | 0.029          | >0.05          | ND(1.2) J               |  |
| 2J0P051                            | RAA13-890 (0 - 1)                                     | 10/1/2002  | Soil         | Tier II                                 | Yes           | 4-Phenylenediamine                             | ICAL RRF          | 0.022          | >0.05          | ND(1.1) J               |  |
|                                    | 1   |  |              |   |               | a,a'-Dimethylphenethylamine                    | CCAL %D           | 25.2%          | <25%           | ND(1.1) J               |  |
|                                    |   |  |              |   |               | Benzidine                                      | CCAL %D           | 33.6%          | <25%           | ND(1.1) J               | - Commence of the second secon |
| A LODGE 4                          |   | 101166600  |              |   | 1             | Hexachlorophene                                | ICAL RRF          | 0.029          | >0.05<br>>0.05 | ND(1.1) J<br>ND(1.1) J  |  |
| 2J0P051                            | RAA13-B90 (1 - 3)                                     | 10/1/2002  | Soil         | Tier II                                 | Yes           | 4-Phenylenediamine a.a'-Dimethylphenethylamine | CCAL %D           | 25.2%          | <25%           | ND(1.1) J               |  |
|                                    | 1   | 1  |              |   |               | Benzidine                                      | CCAL %D           | 33.6%          | <25%           | ND(1.1) J               |  |
|                                    |   |  |              |   |               | Hexachlorophene                                | ICAL RRF          | 0.029          | >0.05          | ND(1.1) J               | **************************************   |
| 2J0P051                            | RAA13-C92 (0 - 1)                                     | 10/1/2002  | Soil         | Tier II                                 | Yes           | 4-Phenylenediamine                             | ICAL RRF          | 0.022          | >0.05          | ND(0.95) J              |  |
|                                    | (, ,  |  |              | 1,147                                   |               | a.a'-Dimethylphenethylamine                    | CCAL %D           | 25.2%          | <25%           | ND(0.95) J              |  |
|                                    |   |  |              |   |               | Benzidine                                      | CCAL %D           | 33.6%          | <25%           | ND(0.95) J              |  |
|                                    | 1   |  |              |   |               | Hexachlorophene                                | ICAL RRF          | 0.029          | >0.05          | ND(0.95) J              |  |
| 2J0P051                            | RAA13-D90 (0 - 1)                                     | 10/1/2002  | Soli         | Tier II                                 | Yes           | 4-Phenylenediamine                             | ICAL RRF          | 0.022          | >0.05          | ND(0.93) J              |  |
|                                    |   |  |              |   |               | a,a'-Dimethylphenethylamine                    | CCAL %D           | 25.2%          | <25%           | ND(0.93) J              |  |
|                                    | 1   |  |              |   |               | Benzidine                                      | CCAL %D           | 33.6%          | <25%           | ND(0.93) J              |  |
|                                    |   |  |              |   | <u> </u>      | Hexachlorophene                                | ICAL RRF          | 0.029          | >0.05          | ND(0.93) J              |  |
| 2J0P051                            | RAA13-E92 (0 - 1)                                     | 10/1/2002  | Soil         | Tier II                                 | Yes           | 4-Phenylenediamine                             | ICAL RRF          | 0.022          | >0.05          | ND(0.98) J              |  |
|                                    | 1   |  |              |   |               | a,a'-Dimethylphenethylamine                    | CCAL %D           | 25.2%          | <25%           | ND(0.98) J              |  |
|                                    |   |  | -            |   | 1             | Benzidine                                      | CCAL %D           | 33.6%          | <25%           | ND(0.98) J              |  |
| 2J0P051                            | C1. 2.23 C202 10 21                                   | 40/4/0000  | <del> </del> | New ( ) )                               |               | Hexachlorophene                                | ICAL RRF          | 0.029          | >0.05          | ND(0.98) J              |  |
| ZJUPUST                            | RAA13-G92 (0 - 1)                                     | 10/1/2002  | Soil         | Tier II                                 | Yes           | 4-Phenylenediamine                             | ICAL RRF          | 0.022<br>25.2% | >0.05<br><25%  | ND(1.0) J<br>ND(1.0) J  |  |
|                                    |   |  |              |   | 1             | a,a'-Dimethylphenethylamine<br>Benzidine       | CCAL %D           | 33.6%          | <25%<br><25%   | ND(1.2) J               |  |
|                                    |   |  |              |   | 1             | Hexachlorophene                                | ICAL RRF          | 0.029          | >0.05          | ND(1.2) J               |  |
| 2J0P051                            | RB-100102-2 (0 - 0)                                   | 10/1/2002  | 002 Water    | Tier II                                 | Yes           | 4-Phenylenediamine                             | ICAL RRF          | 0.023          | >0.05          | ND(0.010) J             |  |
| 2001 001                           | 1001022(0 0)  | 10/11/2002   | , Traites    | raci n                                  | , 6.5         | a,a'-Dimethylphenethylamine                    | CCAL %D           | 25.2%          | <25%           | ND(0.010) J             |  |
|                                    |   |  |              |   |               | Benzidine                                      | CCAL %D           | 33.6%          | ₹25%           | ND(0.020) J             |  |
|                                    |   |  | 1 1          |   |               | Hexachlerophene                                | ICAL RRF          | 0.029          | >0.05          | ND(0.020) J             | and the second s |
| 2J0P176                            | RAA13-A89 (0 - 1)                                     | 10/4/2002  | Soil         | Tier II                                 | Yes           | 4-Phenylenediamine                             | ICAL RRF          | 0.022          | >0.05          | ND(0.98) J              | ***************************************  |
|                                    |   |  |              |   | l             | Hexachlorophene                                | ICAL RRF          | 0.029          | >0.05          | ND(0.98) J              |  |
| 2J0P176                            | RAA13-Z84 (0 - 1)                                     | 10/4/2002  | Soll         | Tier II                                 | Yes           | 4-Phenylenediamine                             | ICAL RRF          | 0.022          | >0.05          | ND(0.96) J              |  |
| and a second control of the second |   | A Company of the Comp | 1            | *******************************         |               | Hexachlorophene                                | ICAL RRF          | 0.029          | >0.05          | ND(0.96) J              |  |
| 2J0P176                            | RAA13-Z84 (1 - 3)                                     | 10/4/2002  | Soll         | Tier II                                 | Yes           | 4-Phenylenediamine                             | ICAL RRF          | 0.022          | >0.05          | ND(0.90) J              |  |
| 2J0P176                            | 73.3.3.4.0.78.0.1.00.00.00.00.00.00.00.00.00.00.00.00 | 401110000  |              |   |               | Hexachlorophene                                | ICAL RRF          | 0.029          | >0.05          | ND(0.90) J              | 10.00  |
| 230F176                            | RAA13-Z84 (3 - 6)                                     | 10/4/2002  | Soil         | Tier II                                 | Yes           | 4-Phenylenediamine                             | ICAL RRF          | 0.022          | >0.05          | ND(0.96) J              |  |
| 2J0P176                            | RAA13-Z85 (0 - 1)                                     | 10/4/2002  | Soil         | Tier II                                 | Yes           | Hexachlorophene<br>4-Phenylenediamine          | ICAL RRF          | 0.029          | >0.05<br>>0.05 | ND(0.96) J<br>ND(1.0) J |  |
| 200 110                            | 10013-203 (0 - 1)                                     | 10/4/2002  | 30#          | 186111                                  | res           | Hexachlorophene                                | ICAL RRF          | 0.022          | >0.05          | ND(1.0) J               |  |
| 2J0P176                            | RAA13-285 (1 - 3)                                     | 10/4/2002  | Soil         | Tier II                                 | Yes           | 4-Phenylenediamine                             | ICAL RRF          | 0.029          | >0.05          | ND(0.94) J              |  |
|                                    | 1 4 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1               | 10/1125/02   | 0011         | 110111                                  | 163           | Hexachlorophene                                | ICAL RRF          | 0.022          | >0.05          | ND(0.94) J              |  |
| 2J0P176                            | RAA13-Z85 (3 - 6)                                     | 10/4/2002  | Soli         | Tier II                                 | Yes           | 4-Phenylenediamine                             | ICAL RRF          | 0.029          | >0.05          | ND(0.87) J              |  |
|                                    | 1 4 4 1 1 2 2 2 3 (0 3 )                              | 707412002  | 00"          | (10)                                    | 163           | Hexachlorophene                                | ICAL RRF          | 0.029          | >0.05          | ND(0.87) J              |  |
| 2J0P176                            | RAA13-288 (0 - 1)                                     | 10/4/2002  | Soll         | Tier II                                 | Yes           | 4-Phenylenediamine                             | ICAL RRF          | 0.022          | >0.05          | ND(1.0) J               | **************************************   |
|                                    |   |  |              | ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | 1.00          | Hexachlorophene                                | ICAL RRF          | 0.029          | >0.05          | ND(1.0) J               |  |
| 2J0P292                            | NEW2-DUP-6 (0 - 1)                                    | 10/9/2002  | Soil         | Tier II                                 | Yes           | 4-Chlorobenzilate                              | ICCAL %D          | 38.5%          | <30%           | ND(0.89) J              | Duplicate of RAA13-C98   |
|                                    |   |  |              |   |               | 4-Nitrophenol                                  | CCAL %D           | 31.3%          | <30%           | ND(2.2) J               | and the second s |
|                                    |   |  |              |   |               | 4-Phenylenediamine                             | ICAL RRF          | 0.022          | >0.05          | ND(0.89) J              | NAME OF THE PARTY  |
|                                    |   |  |              |   | L             | Hexachlorophene                                | ICAL RRF          | 0.029          | >0.05          | ND(0.89) J              |  |
| 2J0P292                            | RAA13-A97 (0 - 1)                                     | 10/9/2002  | Soil         | Tier II                                 | Yes           | 4-Chlorobenzilate                              | CCAL %D           | 38.5%          | <30%           | ND(0.93) J              |  |
|                                    |   | -  |              |   |               | 4-Nitrophenol                                  | CCAL %D           | 31.3%          | <30%           | ND(3.0) J               |  |
|                                    |   |  |              |   |               | 4-Phenylenediamine                             | ICAL RRF          | 0.022          | >0.05          | ND(0.93) J              |  |
|                                    |   | The state of the s |              |   | <u> </u>      | Hexachlorophene                                | ICAL RRF          | 0.029          | >0.05          | ND(1.2) J               |  |
| 2J0P292                            | RAA13-B97 (3 - 6)                                     | 10/9/2002  | Soil         | Tier II                                 | Yes           | 4-Chlorobenzilate                              | CCAL %D           | 38.5%          | <30%           | ND(0.85) J              | National Control of the State o |
|                                    | [   |  |              |   |               | 4-Nitrophenol                                  | CCAL %D           | 31.3%          | <30%           | ND(2.8) J               |  |
|                                    |   |  |              |   |               | 4-Phenylenediamine                             | ICAL RRF          | 0.022          | >0.05          | ND(0.85) J              | ***  |
|                                    |   | L  | 1            |   | 1             | Hexachlorophene                                | ICAL RRF          | 0.029          | >0.05          | ND(1.1) J               | 1  |

# ANALYTICAL DATA VALIDATION SUMMARY GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

| Sample Delivery<br>Group No.            | Sample ID  | Date Collected | Matrix   | Validation<br>Level | Qualification | Compound                               | QA/QC Parameter | Value          | Control Limits                   | Qualified Result          | Notes  |
|---|--|----------------|----------|---------------------|---------------|--|-----------------|----------------|----------------------------------|---------------------------|--|
| SVOCs (continued                        | THE RESERVE THE PROPERTY OF TH |                |          |                     | - t           |  |                 |                |                                  |                           |  |
| 2J0P292                                 | RAA13-B99 (1 - 3)  | 10/9/2002      | Soit     | Tier II             | Yes           | 1,2,4-Trichlorobenzene                 | MS %R           | 0.0%           | 38.0% - 107.0%                   | R                         |  |
|   | •  |                |          |                     |               | 4-Chlorobenzilate                      | CCAL %D         | 38.5%          | <30%                             | ND(0.87) J                |  |
|   |  |                |          |                     | į             | 4-Nitrophenol                          | CCAL %D         | 31.3%          | <30%                             | ND(2.2) J                 |  |
|   |  |                |          |                     |               | 4-Phenylenediamine                     | ICAL RRF        | 0.022          | >0.05                            | ND(0.87) J                | TO THE RESIDENCE OF THE PROPERTY OF THE PROPER |
|   |  |                |          |                     | İ             | Acenaphthene                           | MS %R           | 0.0%           | 31.0% - 137.0%                   | R                         |  |
|   |  |                |          |                     |               | Hexachlorophene                        | ICAL RRF        | 0.029          | >0.05                            | ND(0.87) J                |  |
|   |  |                |          |                     | 1             | N-Nitroso-di-n-propylamine             | MSD %R<br>MS %R | 0.0%           | 41.0% - 126.0%<br>35.0% - 142.0% | R<br>0.62 J               |  |
|   |  |                |          |                     |               | Pyrene<br>Pyrene                       | MSD %R          | 17.0%          | 35.0% - 142.0%                   | 0.62 J                    |  |
| 2J0P292                                 | RAA13-C98 (0 - 1)  | 10/9/2002      | Soil     | Tier II             | Yes           | 4-Chlorobenzilate                      | CCAL %D         | 38.5%          | <30%                             | ND(0.90) J                |  |
| JOI EUE                                 | 100(10-000 (0 - 1)   | 10/8/2002      | 0011     | 1101 11             | 165           | 4-Nitrophenol                          | CCAL %D         | 31.3%          | <30%                             | ND(2.7) J                 |  |
|   |  | 1              |          |                     | 1             | 4-Phenylenediamine                     | ICAL RRF        | 0.02           | >0.05                            | ND(0.90) J                |  |
|   |  | 1              |          |                     | 1             | Hexachlorophene                        | ICAL RRF        | 0.03           | >0.05                            | ND(1.1) J                 |  |
| 2J0P292                                 | RAA13-D97 (1 - 3)  | 10/9/2002      | Soil     | Tier II             | Yes           | 4-Chlorobenzilate                      | CCAL %D         | 38.5%          | <30%                             | ND(0.85) J                |  |
|   | ,  |                |          |                     |               | 4-Nitrophenol                          | CCAL %D         | 31.3%          | <30%                             | ND(2.2) J                 |  |
|   |  |                |          |                     |               | 4-Phenylenediamine                     | ICAL RRF        | 0.02           | >0.05                            | ND(0.85) J                |  |
|   |  |                |          |                     | 1             | Hexachlorophene                        | ICAL RRF        | 0.03           | >0.05                            | ND(0.85) J                |  |
| 2J0P292                                 | RAA13-D98 (0 - 1)  | 10/9/2002      | Soil     | Tier II             | Yes           | 4-Chlorobenzilate                      | CCAL %D         | 38.5%          | <30%                             | ND(0.92) J                |  |
|   |  |                |          |                     | 1             | 4-Nitrophenol                          | CCAL %D         | 31.3%          | <30%                             | ND(2.3) J                 |  |
|   |  | 1              |          |                     |               | 4-Phenylenediamine                     | ICAL RRF        | 0.02           | >0.05                            | ND(0.92) J                |  |
| *************************************** | and the second s |                |          |                     | ļ             | Hexachlorophene                        | ICAL RRF        | 0.03           | >0.05                            | ND(0.92) J                |  |
| 2J0P292                                 | R8-100902-1 (0 - 0)  | 10/9/2002      | Water    | Tier II             | Yes           | 4-Chlorobenzilate                      | CCAL %D         | 38.5%          | <30%                             | ND(0.010) J               |  |
|   | ĺ  |                |          |                     |               | 4-Nitrophenol                          | CCAL %D         | 31.3%          | <30%                             | ND(0.050) J               |  |
|   | ĺ  |                |          |                     |               | 4-Phenylenediamine                     | ICAL RRF        | 0.02           | >0.05<br>>0.05                   | ND(0.010) J               |  |
| 2J0P453                                 | RAA13-E87 (0 - 1)  | 10/15/2002     | Soil     | Tier II             | Yes           | Hexachlorophene<br>4-Phenylenediamine  | ICAL RRF        | 0.03           | >0.05                            | ND(0.020) J<br>ND(0.95) J |  |
| 2305433                                 | 100x13-E07 (0 - 1)   | 10/15/2002     | 300      | net n               | 108           | Hexachlorophene                        | ICAL RRF        | 0.02           | >0.05                            | ND(0.95) J                |  |
| 2J0P453                                 | RAA13-G90 (0 - 1)  | 10/15/2002     | Soil     | Tier II             | Yes           | 4-Phenylenediamine                     | ICAL RRF        | 0.02           | >0.05                            | ND(0.96) J                |  |
| 2001                                    |  | 1477012.0572   | 000      | 1701 11             | 1             | Hexachlorophene                        | ICAL RRF        | 0.03           | >0.05                            | ND(0.96) J                |  |
| 2J0P453                                 | RAA13-I92 (0 - 1)  | 10/15/2002     | Soil     | Tier II             | Yes           | 4-Phenylenediamine                     | ICAL RRF        | 0.02           | >0.05                            | ND(0.89) J                |  |
|   | ,  |                |          |                     |               | Hexachlorophene                        | ICAL RRF        | 0.03           | >0.05                            | ND(0.89) J                |  |
| 2J0P453                                 | RAA13-J92 (0 - 1)  | 10/15/2002     | Soil     | Tier II             | Yes           | 4-Phenylenediamine                     | ICAL RRF        | 0.02           | >0.05                            | ND(0.90) J                | A CONTRACTOR OF STATE |
|   | · ·  |                |          |                     |               | Hexachlorophene                        | ICAL RRF        | 0.03           | >0.05                            | ND(0.90) J                |  |
| 2J0P477                                 | RAA13-Z90 (0 - 1)  | 10/16/2002     | Soil     | Tier II             | Yes           | 4-Nitroquinoline-1-oxide               | ICAL RRF        | 0.03           | >0.05                            | ND(0.91) J                |  |
|   |  | 1              |          |                     | i             | 4-Phenylenediamine                     | ICAL RRF        | 0.02           | >0.05                            | ND(0.91) J                |  |
|   |  |                |          |                     | 1             | Hexachlorophene                        | ICAL RRF        | 0.03           | >0.05                            | ND(0.91) J                |  |
| 2J0P477                                 | RAA13-Z90 (1 - 3)  | 10/16/2002     | Soil     | Tier II             | Yes           | 4-Nitroquinoline-1-oxide               | ICAL RRF        | 0.03           | >0.05                            | ND(0.90) J                |  |
|   | 34444444444444444444444444444444444444   |                |          |                     | ţ             | 4-Phenylenediamine                     | ICAL RRF        | 0.02           | >0.05                            | ND(0.90) J                |  |
| 2J0P622                                 | RAA13-A83 (0 - 1)  | 10/22/2002     | Soit     | Tier II             | Yes           | Hexachlorophene 3,3'-Dimethylbenzidine | ICAL RRF        | 0.03           | >0.05<br><25%                    | ND(0.90) J                |  |
| COUNTE                                  | 12-703 (0 - 1)   | 10/22/2002     | 5011     | nern                | res           | 4-Nitroquinoline-1-oxide               | CCAL %D         | 28.4%<br>33.5% | <25%<br><25%                     | ND(0.47) J<br>ND(0.95) J  |  |
|   |  |                |          |                     |               | 4-Phenylenediamine                     | ICAL RRF        | 0.02           | >0.05                            | ND(0.95) J                |  |
|   |  |                |          |                     | İ             | Butylbenzylphthalate                   | CCAL %D         | 26.4%          | <25%                             | ND(0.47) J                |  |
|   |  |                |          |                     | 1             | Hexachlorophene                        | ICAL RRF        | 0.03           | >0.05                            | ND(0.95) J                |  |
| JOP622                                  | RAA13-A83 (1 - 3)  | 10/22/2002     | Soil     | Tier II             | Yes           | 3,3'-Dimethylbenzidine                 | CCAL %D         | 28.4%          | <25%                             | ND(0.45) J                |  |
|   |  |                |          |                     | 1             | 4-Nitroquinoline-1-oxide               | CCAL %D         | 33.5%          | <25%                             | ND(0.90) J                |  |
|   |  |                |          |                     | 1             | 4-Phenylenediamine                     | ICAL RRF        | 0.02           | >0.05                            | ND(0.90) J                |  |
|   |  |                |          |                     |               | Butylbenzylphthalate                   | CCAL %D         | 26.4%          | <25%                             | ND(0.45) J                |  |
|   |  |                | <u> </u> |                     |               | Hexachlorophene                        | ICAL RRF        | 0.03           | >0.05                            | ND(0.90) J                | *******************************  |
| 2J0P622                                 | RAA13-A83 (10 - 15)  | 10/22/2002     | Soil     | Tier II             | Yes           | 3,3'-Dimethylbenzidine                 | CCAL %D         | 28.4%          | <25%                             | ND(0.54) J                |  |
|   |  |                |          |                     |               | 4-Nitroquinoline-1-oxide               | CCAL %D         | 33.5%          | <25%                             | ND(1,1) J                 |  |
|   |  |                |          |                     | 1             | 4-Phenylenediamine                     | ICAL RRF        | 0.02           | >0.05                            | ND(1,1) J                 |  |
|   |  |                |          |                     |               | Butylbenzylphthalate                   | CCAL %D         | 26.4%          | <25%                             | ND(0.54) J                |  |
| *************************************** |  |                | L        |                     | 1             | Hexachlorophene                        | ICAL RRF        | 0.03           | >0.05                            | ND(1.1) J                 |  |

#### ANALYTICAL DATA VALIDATION SUMMARY GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

| Sample Delivery<br>Group No.   | Sample ID  | Date Collected | Matrix | Validation<br>Level | Qualification | Compound                  | QA/QC Parameter | Value | Control Limits | Qualified Result | Notes  |
|--|--|----------------|--------|---------------------|---------------|---------------------------|-----------------|-------|----------------|------------------|--|
| SVOCs (continue  |  | Date Contected | MINUNA | 2010)               | Quantication  | 00,,,,,,,,,,,,            |                 |       |                |                  |  |
| The same of the sa |  | 10/22/2002     | Soil   | Tier II             | Yes           | 3.3'-Dimethylbenzidine    | CCAL %D         | 28.4% | <25%           | ND(0.48) J       | T  |
| 2J0P622  | RAA13-A84 (0 - 1)  | 10/22/2002     | SUII   | nen                 | 103           | 4-Nitroquinoline-1-oxide  | CCAL %D         | 33.5% | <25%           | ND(0.96) J       |  |
|  |  |                |        |                     | ļ             | 4-Phenylenediamine        | ICAL RRF        | 0.02  | >0.05          | ND(0.96) J       | 0.0000000000000000000000000000000000000  |
|  |  |                |        | ,                   |               | Butylbenzylphthalate      | CCAL %D         | 26.4% | <25%           | ND(0.48) J       |  |
|  |  |                |        |                     |               | Hexachlorophene           | ICAL RRF        | 0.03  | >0.05          | ND(0.96) J       |  |
| 2J0P622  | RAA13-A84 (1 - 3)  | 10/22/2002     | Soil   | Tier !!             | Yes           | 3,3'-Dimethylbenzidine    | CCAL %D         | 28.4% | <25%           | ND(0.44) J       |  |
| 2301022  | 100(13-700) (1 - 3)  | 10/22/2002     | 1 2011 | 11617               | 1             | 4-Nitroquinoline-1-oxide  | CCAL %D         | 33.5% | <25%           | ND(0.89) J       |  |
|  | •  |                |        |                     |               | 4-Phenylenediamine        | ICAL RRF        | 0.02  | >0.05          | ND(0.89) J       |  |
|  |  |                |        |                     | 1             | Butylbenzylphthalate      | CCAL %D         | 26.4% | <25%           | ND(0.44) J       |  |
|  |  |                |        |                     | •             | Hexachlorophene           | ICAL RRF        | 0.03  | >0.05          | ND(0.89) J       |  |
| 2J0P622  | RAA13-A84 (6 - 10)   | 10/22/2002     | Soil   | Tier II             | Yes           | 3.3'-Dimethylbenzidine    | CCAL %D         | 28.4% | <25%           | ND(0.49) J       |  |
|  | , ,  |                |        |                     |               | 4-Nitroquinoline-1-oxide  | CCAL %D         | 33.5% | ≺25%           | ND(0.98) J       |  |
|  |  |                |        |                     |               | 4-Phenylenedlamine        | ICAL RRF        | 0.02  | >0.05          | ND(0.98) J       |  |
|  |  |                |        |                     | <b>!</b>      | Butylbenzylphthalate      | CCAL %D         | 26.4% | <25%           | ND(0.49) J       |  |
|  |  |                | 1      |                     | 1             | Hexachlorophene           | ICAL RRF        | 0.03  | >0.05          | ND(0.98) J       |  |
| 2J0P622  | RAA13-A86 (0 - 1)  | 10/22/2002     | Soil   | Tier II             | Yes           | 3,3'-Dimethylbenzidine    | CCAL %D         | 28.4% | <25%           | ND(0.51) J       |  |
|  |  |                |        |                     |               | 4-Nitroquinoline-1-oxide  | CCAL %D         | 33.5% | <25%           | ND(1.0) J        |  |
|  |  |                |        |                     |               | 4-Phenylenediamine        | ICAL RRF        | 0.02  | >0.05          | L (0.1)QN        |  |
|  | 1  | 1              |        |                     |               | Butylbenzylphthalate      | CCAL %D         | 26.4% | <25%           | ND(0.51) J       |  |
|  |  |                |        |                     |               | Hexachlorophene           | ICAL RRF        | 0.03  | >0.05          | ND(1.0) J        |  |
| 2J0P622  | RAA13-A86 (1 - 3)  | 10/22/2002     | Soil   | Tier II             | Yes           | 3,3'-Dimethylbenzidine    | CCAL %D         | 28.4% | <25%           | ND(0.46) J       |  |
| ł  |  |                | 1      |                     |               | 4-Nitroquinoline-1-oxide  | CCAL %D         | 33.5% | <25%           | ND(0.92) J       |  |
| ]  |  |                |        |                     | ł             | 4-Phenylenediamine        | ICAL RRF        | 0.02  | >0.05          | ND(0.92) J       |  |
|  | 1  |                |        |                     |               | Butylbenzylphthalate      | CCAL %D         | 26.4% | <25%           | ND(0.46) J       |  |
|  |  |                |        |                     |               | Hexachlorophene           | ICAL RRF        | 0.03  | >0.05          | ND(0.92) J       | ***************************************  |
| 2J0P660  | NEW2-DUP-8 (6 - 10) 10/23/2002   | 10/23/2002     | Soil   | Tier II             | Yes           | 3,3'-Dimethylbenzidine    | CCAL %D         | 28.4% | <25%           | ND(0.42) J       | Duplicate of RAA13-H89   |
| 1  | 100000000000000000000000000000000000000  |                |        |                     |               | 4-Nitroquinoline-1-oxide  | CCAL %D         | 33.5% | <25%           | ND(0.84) J       |  |
|  |  |                |        |                     |               | 4-Phenylenediamine        | ICAL RRF        | 0.02  | >0.05          | ND(0.84) J       |  |
|  |  |                |        |                     |               | Butylbenzylphthalate      | CCAL %D         | 26.4% | <25%           | ND(0.42) J       | ***  |
|  |  |                |        |                     | <u> </u>      | Hexachlorophene           | ICAL RRF        | 0.03  | >0.05          | ND(0.84) J       |  |
| 2J0P660  | RAA13-F89 (0 - 1)  | 10/23/2002     | Soil   | Tier II             | Yes           | 3,3'-Dimethylbenzidine    | CCAL %D         | 28.4% | <25%           | ND(0.50) J       |  |
|  |  |                |        |                     | 1             | 4-Nitroquinoline-1-oxide  | CCAL %D         | 33.5% | <25%           | ND(1.0) J        |  |
|  | İ  |                | 1      |                     |               | 4-Phenylenediamine        | ICAL RRF        | 0.02  | >0.05          | ND(1.0) J        |  |
|  |  |                | 1      |                     | 1             | Butylbenzylphthalate      | CCAL %D         | 26.4% | <25%           | ND(0.50) J       |  |
|  | nn nightinisky, alaquenn aranggarapya, a garatikit (1998), isko pito mora arang gayayayayinadaya na aransa arang |                |        |                     |               | Hexachlorophene           | ICAL RRF        | 0.03  | >0.05          | ND(1.0) J        |  |
| 2J0P660  | RAA13-F89 (1 - 3)  | 10/23/2002     | Soil   | Tier II             | Yes           | 1,4-Naphthoquinone        | CCAL %D         | 26.0% | <25%           | ND(0.88) J       |  |
|  |  | •              |        |                     |               | 2,4-Dinitrophenol         | CCAL %D         | 28.5% | <25%           | ND(2.2) J        | And the state of t |
| 1  | 1  | 1              |        |                     |               | 2-Acetylaminofluorene     | GCAL %D         | 31.9% | <25%           | ND(0.88) J       |  |
| l  |  |                |        |                     | 1             | 4-Nitrophenol             | CCAL %D         | 37.8% | <25%           | ND(2.2) J        |  |
|  |  |                |        |                     | I             | 4-Phenylenediamine        | ICAL RRF        | 0.02  | >0.05          | ND(0,88) J       |  |
| İ  |  |                |        |                     | 1             | Aramite                   | GCAL %D         | 25.3% | <25%           | ND(0.88) J       |  |
| ]  | 1  |                |        |                     |               | Hexachlorophene           | ICAL RRF        | 0.03  | >0.05          | ND(0.88) J       |  |
| 0.100000   |  |                |        |                     |               | N-Nitrosomethylethylamine | CCAL %D         | 37.4% | <25%           | ND(0.88) J       |  |
| 2J0P660  | RAA13-F89 (10 - 15)  | 10/23/2002     | Soil   | Tier II             | Yes           | 3,3'-Dimethylbenzidine    | CCAL %D         | 28.4% | <25%           | ND(0.57) J       |  |
|  |  | ļ              | 1      |                     | 1             | 4-Nitroquinoline-1-oxide  | CCAL %D         | 33.5% | <25%           | ND(1.1) J        |  |
|  |  |                |        |                     |               | 4-Phenylenediamine        | ICAL RRF        | 0.02  | >0.05          | ND(1.1) J        | and the second section of the section of t |
|  | 1  |                | 1      |                     |               | Butylbenzylphthalate      | CCAL %D         | 26.4% | <25%           | ND(0.57) J       | and the second s |
| o topoon   |  | 10.000.000     | 1      |                     |               | Hexachlorophene           | ICAL RRF        | 0.03  | >0.05          | ND(1.1) J        |  |
| 2J0P660  | RAA13-H89 (0 - 1)  | 10/23/2002     | Soil   | Tier II             | Yes           | 1,4-Naphthoquinone        | CCAL %D         | 26.0% | <25%           | ND(0.97) J       |  |
|  |  |                |        |                     | 1             | 2,4-Dinitrophenol         | CCAL %D         | 28.5% | <25%           | ND(2.4) J        | -  |
|  |  |                | 1      |                     |               | 2-Acetylaminofluorene     | CCAL %D         | 31.9% | <25%           | ND(0.97) J       |  |
|  | İ  |                | 1      |                     | İ             | 4-Nitrophenol             | CCAL %D 🦠       | 37.8% | <25%           | ND(2.4) J        |  |
|  |  |                | 1      |                     | 1             | 4-Phenylenediamine        | ICAL RRF        | 0.02  | >0.05          | ND(0.97) J       |  |
|  |  |                | 1      |                     | 1             | Aramite                   | CCAL %D         | 25.3% | <25%           | ND(0.97) J       |  |
|  |  |                | 1      |                     | 1             | Hexachlorophene           | ICAL RRF        | 0.03  | >0.05          | ND(0.97) J       |  |
|  |  |                | l      |                     |               | N-Nitrosomethylethylamine | CCAL %D         | 37.4% | <25%           | ND(0.97) J       |  |

#### ANALYTICAL DATA VALIDATION SUMMARY GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

| Sample Delivery  |   |  |            | Validation  |               |   |                 |                |                  |                          |  |
|--|---|--|------------|-------------|---------------|---|-----------------|----------------|------------------|--------------------------|--|
| Group No.  | Sample ID                               | Date Collected   | Matrix     | Level       | Qualification | Compound  | QA/QC Parameter | Value          | Control Limits   | Qualified Result         | Notes  |
| VOCs (continued  |   |  | T CHESTINE |             |               |   |                 |                |                  | <u> </u>                 | <del></del>  |
| JOP660   | RAA13-H89 (1 - 3)                       | 10/23/2002   | Soil       | Tier II     | Yes           | 1,4-Naphthoquinone                              | GCAL %D         | 26.0%          | <25%             | ND(0,83) J               | T  |
| 501 000  | 1001100 (1 0)                           | 10/8/0/4/004   |            | 110111      | 1             | 2,4-Dinitrophenol                               | CCAL %D         | 28.5%          | <25%             | ND(2.1) J                |  |
|  |   | 1  | 1 1        |             |               | 2-Acetylaminofluorene                           | CCAL %D         | 31,9%          | <25%             | ND(0.83) J               |  |
|  |   |  |            |             |               | 4-Nitrophenol                                   | GCAL %D         | 37.8%          | <25%             | ND(2.1) J                |  |
|  |   |  | 1 1        |             |               | 4-Phenylenediamine                              | ICAL RRF        | 0.02           | >0,05            | ND(0.83) J               |  |
|  |   |  |            |             | i             | Aramite   | CCAL %D         | 25.3%          | <25%             | ND(0.83) J               |  |
|  |   |  |            |             |               | Hexachlorophene                                 | ICAL RRF        | 0.03           | >0.05            | ND(0.83) J               | -  |
|  |   |  |            | *********** |               | N-Nitrosomethylethylamine                       | CCAL %D         | 37.4%          | <25%             | ND(0.83) J               |  |
| J0P660   | RAA13-H89 (6 - 10)                      | 10/23/2002   | Soil       | Tier II     |               | 3,3'-Dimethylbenzidine                          | CCAL %D         | 28.4%          | <25%             | ND(0.43) J               |  |
|  |   |  |            |             |               | 4-Nitroquinoline-1-axide                        | CCAL %D         | 33.5%          | <25%             | ND(0.87) J               |  |
|  | 1                                       |  | }          |             |               | 4-Phenylenediamine                              | ICAL RRF        | 0.02           | >0.05            | ND(0.87) J               |  |
|  |   |  |            |             |               | Butylbenzylphthalate                            | CCAL %D         | 26.4%<br>0.03  | <25%<br>>0.05    | ND(0.43) J<br>ND(0.87) J |  |
| to the state of th |   | The state of the s | L          |             |               | Hexachlorophene                                 | ICAL RRF        | 28.4%          | <25%             | ND(0.010) J              |  |
| JOP660   | RB-102302-1 (0 - 0)                     | 10/23/2002   | Soil       | Tier II     |               | 3,3'-Dimethylbenzidine 4-Nitroguinoline-1-oxide | CCAL %D         | 33.5%          | <25%             | ND(0.010) J              |  |
|  | 1                                       |  |            |             |               | 4-Nitroquinoline-1-oxide 4-Phenylenediamine     | ICAL RRF        | 0.02           | >0.05            | ND(0.010) J              | <del> </del>   |
|  |   |  |            |             |               | Butylbenzylphthalate                            | CCAL %D         | 26.4%          | <25%             | ND(0.010) J              |  |
|  |   |  |            |             | 1             | Hexachlorophene                                 | ICAL RRF        | 0.03           | >0.05            | ND(0.020) J              |  |
| J0P703   | RAA13-1 (21 - 23)                       | 10/24/2002   | Soil       | Tier II     | Yes           | 1,3,5-Trinitrobenzene                           | CCAL %D         | 32.2%          | <25%             | ND(0,80) J               | **************************************   |
|  | The state of the state of               | 1006716006   |            | 1 100 11    | 1             | 2-Acetylaminofluorene                           | CCAL %D         | 34.2%          | <25%             | ND(0.95) J               |  |
|  |   |  |            |             |               | 3,3'-Dimethylbenzidine                          | CCAL %D         | 32.9%          | <25%             | ND(0.80) J               |  |
|  |   |  |            |             |               | 4-Nitroquinoline-1-oxide                        | CCAL %D         | 39.5%          | <25%             | ND(0.95) J               |  |
|  |   |  |            |             |               | 4-Phenylenediamine                              | ICAL RRF        | 0.02           | >0.05            | ND(0.95) J               |  |
|  |   |  |            |             |               | Aramite   | CGAL %D         | 31.9%          | <25%             | ND(0.95) J               |  |
|  |   |  |            |             |               | Benzidine                                       | CCAL %D         | 26.7%          | <25%             | ND(1.6) J                |  |
|  | 1                                       |  |            |             |               | bis(2-Chloroisopropyl)ether                     | CCAL %D         | 27.6%          | <25%             | ND(0.80) J               |  |
|  | I                                       |  |            |             |               | Hexachlorophene                                 | ICAL RRF        | 0.03           | >0.05            | ND(1.6) J                |  |
|  | (AA13-1 (3 - 6)                         |  |            |             |               | Methapyrilene                                   | CCAL %D         | 32.2%          | <25%             | ND(0.95) J               |  |
| J0P703   | RAA13-1 (3 - 6)                         | 10/24/2002   | Soil       | Tier II     | Yes           | 1,3,5-Trinitrobenzene                           | CCAL %D         | 32.2%          | <25%             | ND(1.0) J                |  |
|  |   | 10/24/2002   |            |             |               | 2-Acetylaminofluorene                           | GCAL %D         | 34.2%          | <25%             | ND(1.0) J                |  |
|  |   |  |            |             |               | 3,3'-Dimethylbenzidine                          | CCAL %D         | 32,9%          | <25%             | ND(1.0) J                |  |
|  |   |  |            |             |               | 4-Nitroquinoline-1-oxide                        | CCAL %D         | 39.5%          | <25%             | ND(1.0) J                |  |
|  |   |  |            |             |               | 4-Phenylenediamine                              | ICAL RRF        | 0.02           | >0.05            | ND(1.0) J                |  |
|  | 1                                       |  |            |             |               | Aramite   | CCAL %D         | 31.9%          | <25%<br><25%     | ND(1.0) J                |  |
|  |   |  |            |             |               | Benzidine<br>bis(2-Chloroisopropyl)ether        | CCAL %D         | 26.7%<br>27.6% | <25%<br><25%     | ND(2.0) J<br>ND(1.0) J   |  |
|  |   |  |            |             |               | Hexachlorophene                                 | ICAL RRF        | 0.03           | >0.05            | ND(2.0) J                |  |
|  |   |  |            |             |               | Methapyrilene                                   | CCAL %D         | 32.2%          | <25%             | ND(1.0) J                |  |
| JOP703   | RAA13-B78 (0 - 1)                       | 10/24/2002   | Soil       | Tier II     | Yes           | 1.3.5-Trinitrobenzene                           | CCAL %D         | 32.2%          | <u>~25%</u>      | ND(0.71) J               |  |
| 70, 700  | 100000000000000000000000000000000000000 | TOTAL TILL OUT   | 000        | 1101 11     |               | 2-Acetylaminofluorene                           | CCAL %D         | 34.2%          | <25%             | ND(1.2) J                |  |
|  |   |  |            |             |               | 3,3'-Dimethylbenzidine                          | CCAL %D         | 32.9%          | <25%             | ND(0.71) J               |  |
|  |   |  |            |             |               | 4-Nitroquinoline-1-oxide                        | CCAL %D         | 39.5%          | <25%             | ND(1.2) J                |  |
|  |   |  |            |             |               | 4-Phenylenediamine                              | ICAL RRF        | 0.02           | >0.05            | ND(1.2) J                |  |
|  |   |  |            |             | t             | Aramite   | CCAL %D         | 31.9%          | <25%             | ND(1.2) J                |  |
|  |   |  |            |             | 1             | Benzidine                                       | CCAL %D         | 26.7%          | <25%             | ND(1.4) J                |  |
|  |   |  |            |             |               | bis(2-Chloroisopropyl)ether                     | CCAL %D         | 27.6%          | <25%             | ND(0.71) J               |  |
|  | 1                                       |  |            |             |               | Hexachlorophene                                 | ICAL RRF        | 0.03           | >0.05            | ND(1.4) J                | and the second s |
|  |   |  |            |             |               | Methapyrilene                                   | CCAL %D         | 32.2%          | <25%             | ND(1.2) J                |  |
| 0P703  | RAA13-B78 (1 - 3)                       | 10/24/2002   | Sail       | Tier II     | Yes           | 1,3,5-Trinitrobenzene                           | CCAL %D         | 32.2%          | <25%             | ND(0.49) J               |  |
|  |   |  |            |             |               | 2-Acetylaminofluorene                           | CCAL %D         | 34.2%          | <25%             | ND(0.90) J               |  |
|  |   |  |            |             |               | 3,3'-Dimethylbenzidine                          | CCAL %D         | 32.9%          | <25%             | ND(0.49) J               |  |
|  |   |  |            |             | 1             | 4-Nitroquinoline-1-oxide                        | CCAL %D         | 39.5%          | <25%             | ND(0.90) J               |  |
|  |   |  |            |             | 1             | 4-Phenylenediamine                              | ICAL RRF        | 0.02           | <b>&gt;0</b> .05 | ND(0.90) J               |  |
|  |   |  |            |             | İ             | Aramite   | CCAL %D         | 31.9%          | <25%             | ND(0.90) J               |  |
|  |   |  |            |             | -             | Benzidine                                       | CCAL %D         | 26.7%          | <25%             | ND(0.98) J               |  |
|  |   |  |            |             |               | bis(2-Chlorolsopropyl)ether                     | CCAL %D         | 27.6%          | <25%             | ND(0.49) J               |  |
|  | 1                                       |  |            |             |               | Hexachtorophene                                 | ICAL RRF        | 0.03           | >0.05            | ND(0.98) J               |  |
|  |   |  |            |             |               | Methapyrilene                                   | GCAL %D         | 32.2%          | <25%             | ND(0,90) J               |  |

# ANALYTICAL DATA VALIDATION SUMMARY GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

| Sample Deliver                         | y  |   |        | Validation |                  |  |                 |                |                |                          |  |
|--|--|---|--------|------------|------------------|--|-----------------|----------------|----------------|--------------------------|--|
| Group No.                              | Sample ID  | Date Collected                          | Matrix | Level      | Qualification    | Compound                                       | QA/QC Parameter | Value          | Control Limits | Qualified Result         | Notes  |
| SVOCs (continue                        | ed)  |   |        |            | - disking diname |  |                 |                |                | <del>1</del>             |  |
| 2J0P703                                | RAA13-B78 (3 - 6)  | 10/24/2002                              | Soil   | Tier II    | Yes              | 1,3,5-Trinitrobenzene                          | CCAL %D         | 32.2%          | <25%           | ND(0.43) J               | T  |
|  |  |   |        |            |                  | 2-Acetylaminofluorene                          | CCAL %D         | 34.2%          | <25%           | ND(0.86) J               |  |
|  |  |   | 1      |            |                  | 3,3'-Dimethylbenzidine                         | CCAL %D         | 32.9%          | <25%           | ND(0.43) J               |  |
|  | 1  |   | 1      |            | İ                | 4-Nitroquinoline-1-oxide                       | CCAL %D         | 39.5%          | <25%           | ND(0.86) J               | And the second section of the colored and the second section of the second section of the second section of the second section of the second section of the second section of the second section of the second section of the second section of the second section of the second section of the second section of the second section of the second section of the second section of the second section of the second section of the second section of the section of the second section of the section |
|  | 1  |   |        |            |                  | 4-Phenylenediamine                             | ICAL RRF        | 0.02           | >0.05          | ND(0.86) J               |  |
|  | 1  |   |        |            |                  | Aramite  | CCAL %D         | 31.9%          | <25%           | ND(0.86) J               |  |
|  | 1  |   |        |            |                  | Benzidine                                      | CCAL %D         | 26.7%          | <25%           | ND(0.86) J               |  |
|  |  |   |        |            |                  | bis(2-Chloroisopropyl)ether<br>Hexachlorophene | CCAL %D         | 27.6%          | <25%           | ND(0.43) J               |  |
|  |  |   | 1      |            |                  | Methapyrilene                                  | ICAL RRF        | 0.03           | >0.05          | ND(0.86) J               |  |
| 2J0P703                                | RAA13-B79 (0 - 1)  | 10/24/2002                              | Soil   | Tier II    | Yes              | 1,3,5-Trinitrobenzene                          | CCAL %D         | 32.2%<br>32.2% | <25%<br><25%   | ND(0.86) J<br>ND(0.77) J | ************************************   |
|  | 1  | 1                                       |        | VIII. 11   | 1                | 2-Acetylaminofluorene                          | CCAL %D         | 34.2%          | <25%           | ND(1.0) J                | ***************************************  |
|  |  |   | 1 1    |            |                  | 3,3'-Dimethylbenzidine                         | CCAL %D         | 32.9%          | <25%           | ND(0.77) J               |  |
|  |  |   | 1 1    |            |                  | 4-Nitroquinoline-1-oxide                       | CCAL %D         | 39.5%          | <25%           | ND(1.0) J                |  |
|  | 1  |   |        |            |                  | 4-Phenylenediamine                             | ICAL RRF        | 0.02           | >0.05          | ND(1.0) J                | ***************************************  |
|  | }  | 1                                       |        |            |                  | Aramite  | CCAL %D         | 31.9%          | <25%           | ND(1.0) J                |  |
|  | 1  |   | 1      |            |                  | Benzidine                                      | CCAL %D         | 26.7%          | <25%           | ND(1.5) J                | en en en en en en en en en en en en en e   |
|  | ]  |   |        |            |                  | bis(2-Chloroisopropyl)ether                    | CCAL %D         | 27.6%          | <25%           | ND(0.77) J               | ***************************************  |
|  | 1  |   | 1      |            |                  | Hexachlorophene                                | ICAL RRF        | 0.03           | >0.05          | ND(1.5) J                |  |
| 2J0P703                                | RAA13-B79 (1 - 3)  | 10/24/2002                              | Soil   | Tier II    | <u> </u>         | Methapyrilene                                  | CCAL %D         | 32.2%          | <25%           | ND(1.0) J                |  |
| 2001 700                               | 100010-010-11-3)   | 10/24/2002                              | 5011   | Herm       |                  | 1,3,5-Trinitrobenzene<br>2-Acetylaminofluorene | CCAL %D         | 32.2%          | <25%           | ND(0.45) J               |  |
|  | 1  |   |        |            |                  | 3,3'-Dimethylbenzidine                         | CCAL %D         | 34.2%          | <25%           | ND(0.91) J               |  |
|  |  |   |        |            |                  | 4-Nitroquinoline-1-oxide                       | ICCAL %D        | 32.9%          | <25%<br><25%   | ND(0.45) J               | 14,4,7,114,14,4,14,14,14,14,14,14,14,14,14,14,   |
|  |  |   |        |            |                  | 4-Phenylenediamine                             | ICAL RRF        | 39.5%<br>0.02  | <25%<br>>0.05  | ND(0.91) J               |  |
|  |  |   |        |            |                  | Aramite  | CCAL %D         | 31.9%          | <25%           | ND(0.91) J<br>ND(0.91) J |  |
|  |  |   |        |            |                  | Benzidine                                      | CCAL %D         | 26.7%          | <25%           | ND(0.91) J               |  |
|  | ļ  |   |        |            |                  | bis(2-Chloroisopropyl)ether                    | CCAL %D         | 27.6%          | <25%           | ND(0.45) J               |  |
|  |  |   |        |            |                  | Hexachlorophene                                | ICAL RRF        | 0.03           | >0.05          | ND(0.91) J               |  |
| 2J0P703                                | DA 442 D70 (0 40)  |   |        | Tior II    |                  | Methapyrilene                                  | CCAL %D         | 32.2%          | <25%           | ND(0.91) J               |  |
| 230-703                                | RAA13-B79 (6 - 10)   | 10/24/2002                              | Soil   | Tier II    |                  | 1,3,5-Trinitrobenzene                          | CCAL %D         | 32.2%          | <25%           | ND(0.47) J               |  |
|  |  |   |        |            |                  | 2-Acetylaminofluorene                          | CCAL %D         | 34.2%          | <25%           | ND(0.94) J               |  |
|  |  |   |        |            |                  | 3,3'-Dimethylbenzidine                         | CCAL %D         | 32.9%          | <25%           | ND(0.47) J               |  |
|  |  |   |        |            |                  | 4-Nitroquinoline-1-oxíde<br>4-Phenylenediamine | CCAL %D         | 39.5%          | <25%           | ND(0.94) J               | Or Marketin and areas consumer as a second management of the property of the second of the second of the second  |
|  |  |   |        |            |                  | Aramite  | ICAL RRF        | 0.02           | >0.05          | ND(0.94) J               | · · · · · · · · · · · · · · · · · · ·  |
|  | 1  | 1                                       | 1      |            |                  | Benzidine                                      | CCAL %D         | 31.9%<br>26.7% | <25%<br><25%   | ND(0.94) J               |  |
|  |  |   |        |            |                  | bis(2-Chloroisopropyl)ether                    | CCAL %D         | 27.6%          | <25%<br><25%   | ND(0.94) J               |  |
|  | 1  |   |        |            |                  | Hexachlorophene                                | ICAL RRF        | 0.03           | >0.05          | ND(0,47) J<br>ND(0,94) J |  |
| 4 1 2 2 2 2 2                          | 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 -  | *************************************** |        |            |                  | Methapyrilene                                  | CCAL %D         | 32.2%          | <25%           | ND(0.94) J               |  |
| 2J0P703                                | RAA13-B86 (0 - 1)  | 10/24/2002                              | Soil   | Tier II    |                  | 1,3,5-Trinitrobenzene                          | CCAL %D         | 32.2%          | <25%           | ND(1.3) J                | **************************************   |
|  |  |   |        |            |                  | 2-Acetylaminofluorene                          | CCAL %D         | 34.2%          | <25%           | ND(1.5) J                | and the second s |
|  |  |   |        |            | [                | 3,3'-Dimethylbenzidine                         | CCAL %D         | 32.9%          | <25%           | ND(1.3) J                |  |
|  |  |   | 1      |            |                  | 4-Nitroquinoline-1-oxide                       | CCAL %D         | 39.5%          | <25%           | ND(1.5) J                |  |
|  | -  |   | -      |            |                  | 4-Phenylenediamine                             | ICAL RRF        | 0.02           | >0,05          | ND(1.5) J                |  |
|  |  |   |        |            |                  | Aramite<br>Benzidine                           | CCAL %D         | 31.9%          | <25%           | ND(1.5) J                |  |
|  |  |   |        |            |                  | bis(2-Chlorolsopropyl)ether                    | CCAL %D         | 26.7%          | <25%           | ND(2.6) J                |  |
|  |  |   | - 1    |            |                  | Hexachlorophene                                | ICAL %D         | 27.6%          | <25%           | ND(1.3) J                |  |
|  |  | 1                                       | -      |            |                  | Melhapyrilene                                  | CCAL %D         | 32.2%          | >0.05<br><25%  | ND(2.6) J                |  |
| 2J0P703                                | RAA13-B86 (1 - 3)  | 10/24/2002                              | Soil   | Tier II    |                  | 1,3,5-Trinitrobenzene                          | CCAL %D         | 32.2%          | <25%<br><25%   | ND(1.5) J<br>ND(1.5) J   |  |
|  |  |   | -      |            |                  | 2-Acetylaminofluorene                          | CCAL %D         | 34.2%          | <25%           | ND(1.8) J                | Maringanisasya shiriyasi a Andreway (Marina Andrewa) (Mar |
|  |  | 1                                       |        | j          |                  | 3,3'-Dimethylbenzidine                         | CCAL %D         | 32.9%          | <25%           | ND(1.5) J                |  |
|  |  |   |        | j          |                  | 1-Nitroquinoline-1-oxide                       | CCAL %D         | 39.5%          | <25%           | ND(1.8) J                |  |
|  | 1  |   | -      |            | [-               | 1-Phenylenediamine                             | ICAL RRF        | 0.02           | >0.05          | ND(1.8) J                |  |
|  |  |   |        |            |                  | Aramite  | CCAL %D         | 31.9%          | <25%           | ND(1.8) J                |  |
|  |  |   |        |            |                  | 3enzidine                                      | CCAL %D         | 26.7%          | <25%           | ND(3.1) J                | <del></del>  |
|  |  |   |        | ļ          |                  | ois(2-Chloroisopropyi)ether                    | CCAL %D         | 27.6%          | <25%           | ND(1.5) J                |  |
|  |  | 1                                       |        |            |                  | dexachlorophene                                | ICAL RRF        | 0.03           | >0.05          | ND(3.1) J                |  |
| ************************************** | and the second s | L.                                      |        |            |                  | Methapyrilene                                  | CCAL %D         | 32.2%          | <25%           | ND(1.8) J                |  |

# ANALYTICAL DATA VALIDATION SUMMARY GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

| Sample Delive<br>Group No. | * 1  | Date Collected | 24-1-1      | Validation<br>Level | 0                        | G   | 01/00 P             |                |   |                          |   |
|----------------------------|--|----------------|-------------|---------------------|--------------------------|---|---------------------|----------------|---|--------------------------|---|
| SVOCs (continu             | Sample ID  | Lam Conected   | Matrix      | r4A61               | Qualification            | Compound  | QA/QC Parameter     | Value          | Control Limits  | Qualified Result         | Notes                                   |
|                            | Control Contro |                | <del></del> |                     | ·                        | ,   |                     |                | ······································  | <del></del>              | ·                                       |
| J0P703                     | RAA13-B86 (3 - 6)  | 10/24/2002     | Soil        | Tier II             | Yes                      | 1,3,5-Trinitrobenzene                           | CCAL %D             | 32.2%          | <25%  | ND(1.6) J                | ***                                     |
|                            |  |                |             |                     | Ì                        | 2-Acetylaminofluorene                           | CCAL %D             | 34.2%          | <25%  | ND(1.6) J                |   |
|                            |  |                |             |                     | 1                        | 3,3'-Dimethylbenzidine 4-Nitroquinoline-1-oxide | CCAL %D             | 32.9%          | <25%  | ND(1.6) J                |   |
|                            |  |                | 1 1         |                     |                          | 4-Nitroquinoline-1-oxide 4-Phenylenediamine     | CCAL %D<br>ICAL RRF | 39.5%          | <25%  | L (8,1) QN               |   |
|                            |  |                |             |                     |                          | Aramite   | CCAL %D             | 0.02<br>31.9%  | >0.05   | ND(1.6) J                |   |
|                            | 1  |                |             |                     |                          | Benzidine                                       | CCAL %D             | 26.7%          | <25%<br><25%  | ND(1.6) J<br>ND(3.1) J   |   |
|                            | 1  |                |             |                     |                          | bis(2-Chloroisopropyl)ether                     | CCAL %D             | 27.6%          | <25%  | ND(1.6) J                | ***                                     |
|                            |  |                |             |                     |                          | Hexachlorophene                                 | ICAL RRF            | 0.03           | >0.05   | ND(3.1) J                |   |
|                            |  |                |             |                     |                          | Methapyrilene                                   | CCAL %D             | 32.2%          | <25%  | ND(1.6) J                |   |
| J0P703                     | RAA13-B87 (0 - 1)  | 10/24/2002     | Soil        | Tier II             | Yes                      | 1,3,5-Trinitrobenzene                           | CCAL %D             | 32.2%          | <25%  | ND(1.1) J                |   |
|                            |  |                |             |                     | 1                        | 2-Acetylaminofluorene                           | CCAL %D             | 34.2%          | <25%  | ND(1.2) J                | +                                       |
|                            |  |                |             |                     | 1                        | 3,3'-Dimethylbenzidine                          | CCAL %D             | 32.9%          | <25%  | ND(1,1) J                |   |
|                            | į.   |                |             |                     | İ                        | 4-Nitroquinoline-1-oxide                        | CCAL %D             | 39.5%          | <25%  | ND(1.2) J                |   |
|                            |  |                |             |                     | Ī                        | 4-Phenylenediamine                              | ICAL RRF            | 0.02           | >0.05   | ND(1.2) J                |   |
|                            | 1  |                | 1 1         |                     |                          | Aramite   | CCAL %D             | 31.9%          | <25%  | ND(1.2) J                | *************************************** |
|                            |  |                |             |                     |                          | Benzidine                                       | CCAL %D             | 26.7%          | <25%  | ND(2.1) J                | *************************************** |
|                            |  |                |             |                     |                          | bis(2-Chlaroisopropyl)ether                     | CCAL %D             | 27.6%          | <25%  | ND(1.1) J                | *************************************** |
|                            |  |                |             |                     |                          | Hexachlorophene                                 | ICAL RRF            | 0.03           | >0.05   | ND(2.1) J                |   |
|                            |  |                |             | ***                 |                          | Methapyrilene                                   | CCAL %D             | 32.2%          | <25%  | ND(1.2) J                |   |
| J0P703                     | RAA13-B87 (1 - 3)  | 10/24/2002     | Soil        | Tier II             | Yes                      | 1,3,5-Trinitrobenzene                           | CCAL %D             | 32.2%          | <25%  | ND(0.60) J               | *************************************** |
|                            |  |                | 1 1         |                     | 1                        | 2-Acetylaminofluorene                           | CCAL %D             | 34.2%          | <25%  | ND(1.2) J                |   |
|                            | į  |                | 1 1         |                     | }                        | 3,3'-Dimethylbenzidine                          | CCAL %D             | 32.9%          | <25%  | ND(0.60) J               |   |
|                            |  |                | 1 1         |                     |                          | 4-Nitroquinoline-1-oxide                        | CCAL %D             | 39.5%          | <25%  | ND(1.2) J                |   |
|                            | 1  |                | 1           |                     |                          | 4-Phenylenediamine                              | ICAL RRF            | 0.02           | >0.05   | ND(1.2) J                |   |
|                            |  | -              | 1 1         |                     |                          | Aramite   | CCAL %D             | 31.9%          | <25%  | ND(1.2) J                |   |
|                            |  |                | 1           |                     |                          | Benzidine                                       | CCAL %D             |                |   |                          |   |
|                            |  |                | 1 1         |                     |                          | bis(2-Chloroisopropyl)ether                     | CCAL %D             |                | 31.9% <25% NO(1.2) J 26.7% <25% ND(1.2) J 27.6% <25% ND(0.60) J 0.03 >0.05 NO(1.2) J 32.2% <25% NO(1.2) J |                          |   |
|                            |  |                |             |                     |                          | Hexachlorophene                                 | ICAL RRF            |                |   |                          |   |
| 2J0P703                    | RAA13-B87 (3 - 6)  | 10/24/2002     | Soil        | Tier II             |                          | Methapyrilene                                   | CCAL %D             |                |   |                          |   |
| All 199                    | 100(13-80) (3-8)   | 10/24/2002     | 500         | 1161.11             | Yes                      | 1,3,5-Trinitrobenzene<br>2-Acetylaminofluorene  | CCAL %D             | 32.2%          | <25%  | ND(0.49) J               |   |
|                            |  |                | 1 1         |                     |                          | 3,3'-Dimethylbenzidine                          | CCAL %D             | 34.2%          | <25%  | ND(0.99) J               | -                                       |
|                            |  |                |             |                     | 4-Nitroquinoline-1-oxide | CCAL %D   | 32.9%               | <25%           | ND(0,49) J  |                          |   |
|                            |  |                | i I         |                     |                          | 4-Phenylenediamine                              | ICAL RRF            | 39.5%          | <25%  | ND(0.99) J               |   |
|                            |  |                |             |                     | 1                        | Aramite   | CCAL %D             | 0.02<br>31.9%  | >0.05   | ND(0.99) J               |   |
|                            |  |                |             |                     | 1                        | Benzidine                                       | CCAL %D             |                | <25%<br><25%  | ND(0.99) J<br>ND(0.99) J |   |
|                            | <b>[</b>   |                |             |                     |                          | bis(2-Chloroisopropyl)ether                     | CCAL %D             | 26.7%<br>27.6% | <25%  | ND(0.49) J               |   |
|                            |  |                |             |                     |                          | Hexachlorophene                                 | ICAL RRF            | 0.03           | >0.05   | L (86.0)ON               |   |
|                            |  |                |             |                     |                          | Methapyrilene                                   | CCAL %D             | 32.2%          | <25%  | ND(0.99) J               |   |
| IOP703                     | RAA13-C87 (0 - 1)  | 10/24/2002     | Soil        | Tier II             | Yes                      | 1,3,5-Trinitrobenzene                           | CCAL %D             | 32.2%          | <25%  | ND(0.44) J               |   |
|                            |  |                |             |                     |                          | 2-Acetylaminofluorene                           | CCAL %D             | 34.2%          | <25%  | ND(0.44) J<br>ND(0.88) J | *************************************** |
|                            |  |                |             |                     |                          | 3,3'-Dimethylbenzidine                          | CCAL %D             | 32.9%          | <25%  | ND(0.44) J               |   |
|                            | 1  |                |             |                     |                          | 4-Nitroquinoline-1-oxide                        | CCAL %D             | 39.5%          | <25%  | ND(0.88) J               |   |
|                            |  |                |             |                     |                          | 4-Phenylenediamine                              | ICAL RRF            | 0.02           | >0.05   | ND(0.88) J               | ·                                       |
|                            |  |                |             |                     |                          | Aramite   | CCAL %D             | 31.9%          | <25%  | ND(0.88) J               | *************************************** |
|                            |  |                |             |                     |                          | Benzidine                                       | CCAL %D             | 26.7%          | <25%  | ND(0.88) J               |   |
|                            |  |                |             |                     |                          | bis(2-Chloroisopropyl)ether                     | CCAL %D             | 27.6%          | <25%  | ND(0,44) J               |   |
|                            |  | ]              |             |                     |                          | Hexachlorophene                                 | ICAL RRF            | 0.03           | >0.05   | ND(0.88) J               |   |
| C. Ph. N. Ph. A.           |  |                |             | -                   |                          | Methapyrilene                                   | CCAL %D             | 32.2%          | <25%  | ND(0.88) J               | <del> </del>                            |
| DP703                      | RAA13-C87 (3 - 6)  | 10/24/2002     | Soli        | Tier II             | Yes                      | 1,3,5-Trinitrobenzene                           | CCAL %D             | 32.2%          | <25%  | ND(0.50) J               | <u> </u>                                |
|                            |  |                |             |                     |                          | 2-Acetylaminofluorene                           | CCAL %D             | 34.2%          | <25%  | ND(0.91) J               | 1                                       |
|                            |  |                |             |                     |                          | 3,3'-Dimethylbenzidine                          | CCAL %D             | 32.9%          | <25%  | ND(0.50) J               |   |
|                            |  |                |             |                     |                          | 4-Nitroquinoline-1-oxide                        | CCAL %D             | 39.5%          | <25%  | ND(0.91) J               |   |
|                            |  |                |             |                     |                          | 4-Phenylenediamine                              | ICAL RRF            | 0.02           | >0.05   | ND(0.91) J               |   |
|                            |  |                |             |                     |                          | Aramite   | CCAL %D             | 31.9%          | <25%  | ND(0.91) J               | *************************************** |
|                            |  |                |             |                     |                          | Benzidine                                       | CCAL %D             | 26.7%          | <25%  | ND(1.0) J                |   |
|                            |  |                |             |                     |                          | bis(2-Chloroisopropyl)ether                     | CCAL %D             | 27.6%          | <25%  | ND(0.50) J               |   |
|                            |  |                |             |                     | [                        | Hexachlorophene                                 | ICAL RRF            | 0.03           | >0.05   | ND(1.0) J                | *************************************** |
|                            |  | 1              |             |                     | [                        | Methapyrilene                                   | CCAL %D             | 32.2%          | <25%  | ND(0.91) J               |   |

# ANALYTICAL DATA VALIDATION SUMMARY GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

| Sample Delivery |  |  |            | Validation |   |  |                      |                          |                          |                          |  |
|-----------------|--|--|------------|------------|---|--|----------------------|--------------------------|--------------------------|--------------------------|--|
| Group No.       | Sample ID  | Date Collected   | Matrix     | Level      | Qualification                           | Compound   | QA/QC Parameter      | Value                    | Control Limits           | Qualified Result         | Notes  |
| SVOCs (continue | ad)  | f  | *****      |            | *************************************** |  |                      |                          | ·                        | <u> </u>                 | the second secon |
| 2J0P703         | RAA13-D87 (0 - 1)  | 10/24/2002   | Soil       | Tier II    | Yes                                     | 1,3,5-Trinitrobenzene                              | CCAL %D              | 32.2%                    | <25%                     | ND(0.47) J               | 7  |
|                 |  |  |            |            |   | 2-Acetylaminofluorene                              | CCAL %D              | 34.2%                    | <25%                     | ND(0.94) J               | ***************************************  |
|                 |  |  |            |            |   | 3,3'-Dimethylbenzidine                             | CCAL %D              | 32.9%                    | <25%                     | ND(0.47) J               |  |
|                 |  |  |            |            |   | 4-Nitroquinoline-1-oxide                           | CCAL %D              | 39.5%                    | <25%                     | ND(0.94) J               |  |
|                 |  |  |            |            |   | 4-Phenylenediamine Aramite                         | ICAL RRF             | 0.02                     | >0.05                    | ND(0.94) J               |  |
|                 |  | i e  |            |            | Aramite                                 | 31.9%<br>26.7%                                     | <25%<br><25%         | ND(0.94) J<br>ND(0.94) J |                          |                          |  |
|                 |  | •  |            |            |   | standine CCAL %D s(2-Chloroisopropyl)ether CCAL %D | 27.6%                | <25%<br><25%             | ND(0,94) J<br>ND(0,47) J |                          |  |
|                 | -  |  |            |            |   | Hexachlorophene                                    | ICAL RRF             | 0.03                     | >0.05                    | ND(0.94) J               | -  |
|                 |  |  |            |            |   | Methapyrilene                                      | CCAL %D              | 32.2%                    | <25%                     | ND(0,94) J               | -  |
| 2J0P703         | RAA13-D87 (1 - 3)  | 10/24/2002   | Soil       | Tier II    | Yes                                     | 1,3,5-Trinitrobenzene                              | CCAL %D              | 32.2%                    | <25%                     | ND(0.49) J               | **************************************   |
|                 | •  |  |            |            |   | 2-Acetylaminofluorene                              | CCAL %D              | 34.2%                    | <25%                     | ND(0.99) J               | William - 1997 - 1990 - Mark Land Land Land Land Land Land Land Land   |
|                 |  |  |            |            |   | 3,3'-Dimethylbenzidine                             | CCAL %D              | 32.9%                    | <25%                     | ND(0.49) J               |  |
|                 | 1  |  |            |            |   | 4-Nitroquinoline-1-oxide                           | CCAL %D              | 39.5%                    | <25%                     | ND(0.99) J               |  |
|                 | ala de la companya de | 4-Phenylenediamine ICAL RRF Aramite CCAL %D                | ICAL RRF   | 0.02       | >0.05                                   | ND(0.99) J   |                      |                          |                          |                          |  |
|                 |  |  |            |            | 1                                       | Benzidine  | CCAL %D              | 31.9%<br>26.7%           | <25%<br><25%             | ND(0.99) J<br>ND(0.99) J | ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~   |
|                 |  |  |            |            |   | bis(2-Chloroisopropyl)ether                        | ICCAL %D             | 27.6%                    | <25%<br><25%             | ND(0.99) J<br>ND(0.49) J |  |
|                 |  |  |            |            |   | Hexachlorophene                                    | ICAL RRF             | 0.03                     | >0.05                    | ND(0.99) J               |  |
|                 |  |  |            |            |   | Methapyrilene                                      | CCAL %D              | 32.2%                    | <25%                     | ND(0.99) J               |  |
| 2J0P752         | NEW2-DUP-10 (6 - 10)   | 10/25/2002   | Soil       | Tier II    | Yes                                     | 1,3,5-Trinitrobenzene                              | CCAL %D              | 30.0%                    | <25%                     | ND(0.49) J               | Duplicate of RAA13-884   |
|                 |  |  |            |            |   | 3-Methylcholanthrene                               | CCAL %D              | 26.0%                    | <25%                     | ND(0.99) J               | -  |
|                 |  |  |            |            |   | 4-Nitroquinoline-1-oxide                           | CCAL %D              | 36.9%                    | <25%                     | ND(0.99) J               |  |
|                 |  |  |            |            |   | 4-Phenylenediamine                                 | ICAL RRF             | 0.02                     | >0.05                    | ND(0.99) J               |  |
|                 |  |  |            |            |   | Benzidine  | CCAL %D              | 37.6%                    | <25%                     | ND(0.99) J               |  |
|                 |  |  |            |            |   | bis(2-Chloroisopropyl)ether                        | CCAL %D              | 36.1%                    | <25%                     | ND(0.49) J               |  |
|                 | 1  |  |            |            |   | Hexachlorophene<br>Methapyrilene                   | ICAL RRF             | 0.03<br>29.7%            | >0.05                    | L (ee.0)ДИ               |  |
| 2J0P752         | RAA13-884 (0 - 1)  | 10/25/2002   | Soil       | Tier II    | Yes                                     | 1,3,5-Trinitrobenzene                              | CCAL %D              | 30.0%                    | <25%<br><25%             | ND(0.99) J<br>ND(0.49) J |  |
|                 |  |  |            | 110711     | 103                                     | 3-Methylcholanthrene                               | CCAL %D              | 26.0%                    | <25%                     | ND(0.99) J               | The same of the sa |
|                 |  |  |            |            |   | 4-Nitroquinoline-1-oxide                           | CCAL %D              | 36.9%                    | <25%                     | ND(0.99) J               |  |
|                 |  |  |            |            |   | 4-Phenylenediamine                                 | ICAL RRF             | 0.02                     | >0.05                    | ND(0.99) J               |  |
|                 | 1  |  |            |            | ļ                                       | Benzidine  | CCAL %D              | 37.6%                    | <25%                     | ND(0.99) J               |  |
|                 |  |  |            |            |   | bis(2-Chloroisopropyl)ether                        | CCAL %D              | 36.1%                    | <25%                     | ND(0.49) J               |  |
|                 |  |  |            |            |   | Hexachtorophene                                    | ICAL RRF             | 0.03                     | >0.05                    | ND(0.99) J               |  |
| 2J0P752         | RAA13-B84 (1 - 3)  | 10/25/2002   | Soil       | The H      |   | Methapyrilene                                      | CCAL %D              | 29.7%                    | <25%                     | ND(0.99) J               |  |
| 1001 10x        | 10010-004(100)   | 10/25/2002   | 2011       | Tier II    |   | 1,3,5-Trinitrobenzene 3-Methylcholanthrene         | CCAL %D              | 30.0%                    | <25%                     | ND(0.47) J               |  |
|                 | 1  |  | [ ]        |            |   | 4-Nitroquinoline-1-oxide                           | CCAL %D              | 26.0%<br>36.9%           | <25%                     | ND(0.95) J               |  |
|                 |  |  |            |            |   | 4-Phenylenediamine                                 | ICAL RRF             | 0.02                     | <25%<br>>0.05            | ND(0.95) J<br>ND(0.95) J |  |
|                 |  |  |            |            |   | Benzidine  | CCAL %D              | 37.6%                    | <25%                     | ND(0.95) J               | ***************************************  |
|                 |  |  |            |            |   | bis(2-Chloroisopropyl)ether                        | CCAL %D              | 36.1%                    | <25%                     | ND(0.47) J               |  |
|                 |  |  | ]          |            |   | Hexachlorophene                                    | ICAL RRF             | 0.03                     | >0.05                    | ND(0.95) J               |  |
| AAPAN MAN       | 7.00   |  |            |            |   | Methapyrilene                                      | CCAL %D              | 29.7%                    | <25%                     | ND(0.95) J               |  |
| J0P752          | RAA13-B84 (6 - 10)   | 10/25/2002   | Soil       | Tier II    | Yes                                     | 1,3,5-Trinitrobenzene                              | CCAL %D              | 30.0%                    | <25%                     | ND(0.47) J               |  |
|                 |  |  |            |            |   | 3-Methylcholanthrene                               | CCAL %D              | 26.0%                    | <25%                     | ND(0.94) J               |  |
|                 |  |  |            |            |   | 4-Nitroquinoline-1-oxide                           | CCAL %D              | 36.9%                    | <25%                     | ND(0.94) J               | -  |
|                 |  |  |            |            |   | 4-Phenylenediamine<br>Benzidine                    | ICAL RRF             | 0.02                     | >0.05                    | ND(0.94) J               |  |
|                 |  |  |            |            |   | bis(2-Chloroisopropyl)ether                        | CCAL %D              | 37.6%                    | <25%                     | ND(0.94) J               |  |
|                 |  |  |            |            |   | Hexachlorophene                                    | ICAL RRF             | 36.1%                    | <25%                     | ND(0.47) J               |  |
|                 |  |  | [          |            |   | Methapyrilene                                      | CCAL %D <sup>3</sup> | 0.03<br>29.7%            | >0.05<br><25%            | ND(0.94) J<br>ND(0.94) J |  |
| J0P752          | RAA13-C85 (0 - 1)  | 10/25/2002   | Soil       | Tier II    |   | 1,3,5-Trinitrobenzene                              | CCAL %D              | 30.0%                    | <25%                     | ND(0.49) J               |  |
|                 |  |  |            |            |   | 3-Methylcholanthrene                               | CCAL %D              | 26.0%                    | <25%                     | ND(0.49) J               | <del> </del>   |
|                 |  |  |            |            |   | 4-Nitroquinoline-1-oxide                           | CCAL %D              | 36.9%                    | <25%                     | ND(0.99) J               | ***************************************  |
|                 |  |  |            |            |   | 4-Phenylenediamine                                 | ICAL RRF             | 0.02                     | >0.05                    | ND(0.99) J               |  |
|                 |  |  |            |            | [                                       | Benzidine  | CCAL %D              | 37.6%                    | <25%                     | ND(0.99) J               |  |
|                 |  | -  |            |            |   | bis(2-Chloroisopropyl)ether                        | CCAL %D              | 36.1%                    | <25%                     | ND(0.49) J               |  |
|                 |  | l  |            |            |   | Hexachlorophene                                    | ICAL RRF             | 0.03                     | >0.05                    | ND(0.99) J               |  |
|                 |  | NON-PROOF 15 NOOS NO-111-111-111-111-111-111-111-111-111-1 | L <u> </u> |            |   | Methapyrilene                                      | CCAL %D              | 29.7%                    | <25%                     | ND(0,99) J               |  |

# ANALYTICAL DATA VALIDATION SUMMARY GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

| Sample Delivery<br>Group No. | Sample ID           | Date Collected | Matrix | Validation<br>Level | Qualification | Compound                    | QA/QC Parameter  | Value | Control Limits | Qualified Result | Notes  |
|------------------------------|---------------------|----------------|--------|---------------------|---------------|-----------------------------|--|-------|----------------|------------------|--|
| SVOCs (continue              |                     | <del></del>    |        |                     |               |                             |  |       |                | <del></del>      |  |
| 2J0P752                      | RAA13-C85 (1 - 3)   | 10/25/2002     | Soil   | Tier II             | Yes           | 1,3,5-Trinitrobenzene       | CCAL %D  | 30.0% | <25%           | ND(0.49) J       |  |
|                              | , , ,               |                |        |                     |               | 3-Methylcholanthrene        | CCAL %D  | 26.0% | <25%           | ND(0.99) J       |  |
|                              |                     |                |        |                     |               | 4-Nitroquinoline-1-oxide    | CCAL %D  | 36.9% | <25%           | ND(0.99) J       |  |
|                              |                     | :              |        |                     | 1             | 4-Phenylenediamine          | ICAL RRF   | 0.02  | >0.05          | ND(0.99) J       |  |
|                              |                     |                |        |                     | 1             | Benzidine                   | CCAL %D  | 37.6% | <25%           | ND(0.99) J       |  |
|                              |                     |                |        |                     | 1             | bis(2-Chloroisopropyl)ether | CCAL %D  | 36.1% | <25%           | ND(0.49) J       |  |
|                              |                     |                | i      |                     | }             | Hexachlorophene             | ICAL RRF   | 0.03  | >0.05          | ND(0.99) J       |  |
|                              | 1                   |                | 1      |                     | 1             | Methapyrilene               | CCAL %D  | 29.7% | <25%           | ND(0.99) J       |  |
| 2J0P752                      | RAA13-C85 (6 - 10)  | 10/25/2002     | Soil   | Tier II             | Yes           | 1,3,5-Trinitrobenzene       | CCAL %D  | 30.0% | <25%           | ND(0.42) J       | 1  |
|                              | ` `                 |                |        |                     | 1             | 3-Methylcholanthrene        | GCAL %D  | 26.0% | <25%           | ND(0.84) J       |  |
|                              | 1                   |                |        |                     |               | 4-Nitroquinoline-1-oxide    | CCAL %D  | 36.9% | <25%           | ND(0.84) J       |  |
|                              |                     |                |        |                     |               | 4-Phenylenediamine          | ICAL RRF   | 0.02  | >0.05          | ND(0.84) J       |  |
|                              |                     | 1              |        |                     |               | Benzidine                   | GCAL %D  | 37.6% | <25%           | ND(0.84) J       |  |
| •                            |                     |                |        |                     | 1             | bis(2-Chlorolsopropyl)ether | CCAL %D  | 36.1% | <25%           | ND(0.42) J       |  |
|                              |                     |                | 1      |                     |               | Hexachlorophene             | ICAL RRF   | 0.03  | >0.05          | ND(0.84) J       |  |
|                              |                     |                |        |                     |               | Methapyrilene               | CCAL %D  | 29.7% | <25%           | ND(0.84) J       | 1  |
| 2J0P752                      | RB-102502-1 (0 - 0) | 10/25/2002     | Soil   | Tier II             |               | 1,3,5-Trinitrobenzene       | GCAL %D  | 30.0% | <25%           | ND(0.010) J      |  |
|                              |                     |                |        |                     |               | 3-Methylcholanthrene        | CCAL %D  | 26.0% | <25%           | ND(0.010) J      | 1  |
|                              |                     |                |        |                     | 1             | 4-Nitrogulnoline-1-oxide    | CCAL %D  | 36.9% | <25%           | ND(0.010) J      |  |
|                              |                     |                | {      |                     | 1             | 4-Phenylenediamine          | ICAL RRF   | 0.02  | >0.05          | ND(0.010) J      |  |
|                              |                     |                |        |                     | i .           | Benzidine                   | CCAL %D  | 37.6% | <25%           | ND(0.020) J      |  |
|                              |                     |                |        |                     | 1             | bis(2-Chloroisopropyl)ether | GCAL %D  | 36.1% | <25%           | ND(0.010) J      | 200 mark 1980 co. 100 mark 1990 co. 10 |
|                              |                     |                |        |                     |               | Hexachlorophene             | ICAL RRF   | 0.03  | >0.05          | ND(0.020) J      |  |
| *                            |                     |                |        |                     |               | Methapyrilene               | CCAL %D  | 29.7% | <25%           | ND(0.010) J      |  |
| PCDDs/PCDFs                  |                     |                |        |                     |               |                             |  |       |                |                  |  |
| 210P596                      | NEW2-DUP-1 (6 - 10) | 9/26/2002      | Soil   | Tier II             |               | 1,2,3,4,6,7,8-HpCDF         | Exceeds CAL Range  | -     | •              | 0.011 EJ         | Duplicate of RAA13-B2  |
|                              | ļ                   | -              |        |                     |               | 1,2,3,4,7,8-HxCDF           | Exceeds CAL Range  | -     | •              | 0.016 EIJ        |  |
|                              |                     |                |        |                     |               | 2,3,7,8-TCDF                | Exceeds CAL Range  | -     | -              | 0.0063 YEJ       | 4  |
| 210P596                      | RAA13-A95 (1 - 3)   | 9/26/2002      | Soil   | Tier II             |               | 1,2,3,4,6,7,8-HpCDF         | Internal Standard Theoretical Ratio  |       | •              | 0.019 J          |  |
|                              |                     |                |        |                     |               | 1,2,3,7,8-PeCDF             | Internal Standard Theoretical Ratio  | •     | •              | 0.0056 J         |  |
|                              |                     |                |        |                     |               | HpCDFs (total)              | Internal Standard Theoretical Ratio  | •     |                | 0.032 J          |  |
|                              |                     |                |        |                     | İ.,           | PeCDFs (total)              | Internal Standard Theoretical Ratio  | •     |                | 0.080 J          |  |
| 210P596                      | RAA13-A99 (0 - 1)   | 9/26/2002      | Soil   | Tier II             | No            |                             | And the second s |       |                |                  |  |
| 210P596                      | RAA13-B1 (0 - 1)    | 9/26/2002      | Soil   | Tier II             | No            |                             | The state of the s |       |                |                  |  |
| 210P596                      | RAA13-B2 (6 - 10)   | 9/26/2002      | Soil   | Tier II             |               | 1,2,3,4,7,8-HxCDF           | Exceeds CAL Range  | •     |                | 0.010 EIJ        |  |
|                              |                     |                | 1      |                     | 1             | 2,3,7,8-TCDF                | Exceeds CAL Range  | *     | · ·            | 0.0047 YEJ       |  |
| 210P596                      | RAA13-896 (0 - 1)   | 9/26/2002      | Soil   | Tier II             | No            |                             |  |       |                |                  | and the state of t |
| 210P596                      | RAA13-C3 (0 - 1)    | 9/26/2002      | Soil   | Tier II             | No            |                             |  |       |                |                  |  |

# ANALYTICAL DATA VALIDATION SUMMARY GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

| Sample Delivery    | 1                                       |  |              | Validation |               |  |  |                    |  |  |  |
|--------------------|---|--|--------------|------------|---------------|--|--|--------------------|--|--|--|
| Group No.          | Sample ID                               | Date Collected   | Matrix       | Level      | Qualification | Compound                                   | QA/QC Parameter  | Value              | Control Limits   | Qualified Result   | Notes  |
| PCDDs/PCDFs (c     |   |  |              |            |               |  |  |                    |  |  |  |
| 210P596            | RAA13-C5 (0 - 1)                        | 9/26/2002  | Soil         | Tier II    | Yes           | 1,2,3,4,6,7,8-HpCDD                        | MS %R  | 303.0%             | 70% to 130%  | 0.0012 J   | -  |
|                    |   | }  |              |            |               | 1,2,3,4,6,7,8-HpCDD                        | MS/MSD RPD   | 118.0%             | <20%   | 0.0012 J   |  |
|                    |   |  |              |            | ŀ             | 1,2,3,4,6,7,8-HpCDF<br>1,2,3,4,6,7,8-HpCDF | Exceeds CAL Range MS/MSD RPD   | 251.0%             | <20%   | 0.014 EIJ<br>0.014 EIJ   |  |
|                    |   | 1  |              |            |               | 1,2,3,4,6,7,8-HPCDF                        | MS %R  | 356.0%             | 70% to 130%  | 0.0032 J   |  |
|                    |   |  |              |            |               | 1,2,3,4,7,8,9-HpCDF                        | MS/MSD RPD   | 154.0%             | <20%   | 0.0032 J   |  |
|                    |   | 1  |              |            |               | 1,2,3,4,7,8-HxCDD                          | MS/MSD RPD   | 22.7%              | <20%   | 0,00015 J  |  |
|                    |   |  |              |            |               | 1,2,3,4,7,8-HxCDF                          | Exceeds CAL Range  |                    | *  | 0.017 EIJ  | Andrews of the section is secured to the second of the sec |
|                    |   |  |              |            |               | 1,2,3,4,7,8-HxCDF                          | MS/MSD RPD   | 216.0%             | <20%   | 0.017 EIJ  |  |
|                    |   |  |              |            |               | 1,2,3,6,7,8-HxCDD                          | MS %R  | 210.0%             | 70% to 130%  | 0.00025 J  |  |
|                    |   |  |              |            |               | 1,2,3,6,7,8-HxCDD                          | MS/MSD RPD   | 69.0%              | <20%   | 0.00025 J  |  |
|                    |   |  |              |            |               | 1,2,3,6,7,8-HxCDF                          | Exceeds CAL Range  | *                  |  | 0.0099 EIJ   |  |
|                    | 1                                       |  |              |            | 1             | 1,2,3,6,7,8-HxCDF                          | MS/MSD RPD   | 208.0%             | <20%   | 0.0099 EU  |  |
|                    |   |  |              |            |               | 1,2,3,7,8,9-HxCDD                          | MS %R  | 202.0%             | 70% to 130%  | 0.00020 J  |  |
|                    |   |  |              |            |               | 1,2,3,7,8,9-HxCDD                          | MS/MSD RPD<br>MS/MSD RPD   | 62.0%<br>138.0%    | <20%<br><20%   | 0.00020 J<br>0.0027 J  |  |
|                    |   |  |              |            | -             | 1,2,3,7,8,9-HxCDF<br>1,2,3,7,8,9-HxCDF     | MSD %R   | 34.3%              | 70% to 130%  | 0.0027 J   |  |
|                    |   |  |              |            |               | 1,2,3,7,8,9-HXCDF<br>1,2,3,7,8-PeCDD       | MS %R  | 159.0%             | 70% to 130%  | 0.0027 J<br>0.00016 J  |  |
|                    |   |  |              |            |               | 1,2,3,7,8-PeCDD                            | MS/MSD RPD   | 49.5%              | <20%   | 0.00016 J  |  |
|                    |   |  |              |            | 1             | 1,2,3,7,8-PeCDF                            | Exceeds CAL Range  | -7 G. G /G         | -4-0 /V  | 0.010 EIJ  |  |
|                    |   |  |              |            |               | 1,2,3,7,8-PeCDF                            | MS/MSD RPD   | 261.0%             | <20%   | 0.010 EIJ  |  |
|                    | 1                                       |  |              |            |               | 2,3,4,6,7,8-HxCDF                          | MS/MSD RPD   | 129.0%             | <20%   | 0.0040 J   |  |
|                    | 1                                       |  |              |            | Ì             | 2,3,4,7,8-PeCDF                            | Exceeds CAL Range  | -                  | ~  | 0.0087 EIJ   |  |
|                    |   |  |              |            | ŀ             | 2,3,4,7,8-PeCDF                            | MS/MSD RPD   | 154.0%             | <20%   | 0.0087 EIJ   |  |
|                    |   |  |              |            |               | 2,3,7,8-TCDD                               | MS %R  | 165.0%             | 70% to 130%  | 0.000050 J   |  |
|                    |   | 1  |              |            |               | 2,3,7,8-TCDD                               | MS/MSD RPD   | 52.8%              | <20%   | 0.000050 J   |  |
|                    |   |  | ] [          |            |               | 2,3,7,8-TCDF                               | Exceeds CAL Range  |                    |  | 0,0090 YEJ   |  |
|                    |   |  |              |            |               | 2,3,7,8-TCDF                               | MS/MSD RPD   | 160.0%             | <20%   | 0.0090 YEJ   | ļ  |
|                    |   |  |              |            |               | OCDD<br>OCDD                               | MS %R<br>MS/MSD RPD  | 135.0%<br>51.0%    | 70% to 130%  | 0.0021 J<br>0.0021 J   |  |
|                    |   |  |              |            |               | OCDF                                       | MS/MSD RPD   | 119.0%             | <20%<br><20%   | 0.0021 J   |  |
|                    |   |  | 1            |            |               | OCDF                                       | MSD %R   | 46.3%              | 70% to 130%  | 0.011 J  |  |
| 210P596            | RAA13-C5 (1 - 3) 9/26/2002              | 9/26/2002  | Soil         | Tier II    |               | 1,2,3,4,6,7,8-HpCDF                        | Exceeds CAL Range  | 0.0058 E           | 1070 65 10070  | 0.0058 EJ  |  |
|                    |   | WEG LOOL   |              |            |               | 1,2,3,4,7,8-HxCDF                          | Exceeds CAL Range  | 0.0067 EI          |  | 0.0067 EIJ   | <b></b>  |
|                    | 1                                       |  |              |            | ļ.            | 1,2,3,6,7,8-HxCDF                          | Exceeds CAL Range  | 0.0034 EI          | H THE PERSON NAMED OF THE  | 0.0034 EIJ   |  |
|                    |   |  |              |            | ]             | 1,2,3,7,8-PeCDF                            | Exceeds CAL Range  | 0.0032 E           | #.   | 0.0032 EJ  | **************************************   |
|                    | İ                                       |  | 1            |            |               | 2,3,4,7,8-PeCDF                            | Exceeds CAL Range  | 0.0038 E           | -  | 0.0038 EJ  |  |
|                    |   |  |              |            | [             | 2,3,7,8-TCDF                               | Exceeds CAL Range  | 0,0046 YE          | *  | 0.0046 YEJ   |  |
| 210P596            |   | de la material de la companya del companya del companya de la comp |              |            |               | OCDF                                       | Exceeds CAL Range  | 0.0069 E           | ***************************************  | 0.0069 EJ  |  |
| 210P596            | RAA13-C96 (0 - 1)<br>RAA13-F96 (0 - 1)  | 9/26/2002<br>9/26/2002   | Soil<br>Soil | Tier II    | No            | A A A A TORE                               |  |                    | ***************************************  |  |  |
| 210P596            | RB-092602-1 (0 - 0)                     | 9/26/2002  | Soil         | Tier II    | Yes<br>No     | 2,3,7,8-TCDF                               | Exceeds CAL Range  | 0.00097 YE         | B  | 0.00097 YEJ  |  |
| 2J0P007            | RAA13-A94 (0 - 1)                       | 9/30/2002  | Soil         | Tier II    | No No         |  |  |                    |  | and over the same of the second secon |  |
| 2J0P007            | RAA13-E94 (0 - 1)                       | 9/30/2002  | Soil         | Tier II    |               | 1,2,3,4,6,7,8-HpCDD                        | Exceeds CAL Range  | 0,0071 E           |  | 0.0071 EJ  |  |
|                    | , |  | "            |            |               | 1,2,3,4,6,7,8-HpCDF                        | Exceeds CAL Range  | 0.0071E            |  | 0.0071E3   | -  |
|                    |   |  |              |            |               | 1,2,3,4,7,8,9-HpCDF                        | Exceeds CAL Range  | 0.0035 E           |  | 0.0035 EJ  |  |
|                    |   |  |              |            |               | 1,2,3,4,7,8-HxCDF                          | Exceeds CAL Range  | 0.0073 E           | -  | 0.0073 EJ  | ***************************************  |
|                    |   |  |              |            |               | 2,3,4,6,7,8-HxCDF                          | Exceeds CAL Range  | 0,0029 E           | -  | 0.0029 EJ  |  |
|                    |   |  |              |            |               | OCDD                                       | Exceeds CAL Range  | 0.020 E            | *  | 0.020 EJ   |  |
| 2J0P007            | PALLO PARIL                             |  |              |            |               | OCDF                                       | Exceeds CAL Range  | 0.0062 E           | +  | 0.0062 EJ  |  |
| 2J0P007<br>2J0P007 | RAA13-E95 (1 - 3)                       | 9/30/2002  | Soil         | Tier II    | No            |  |  |                    |  |  |  |
| zjuruu r           | RAA13-F93 (1 - 3)                       | 9/30/2002  | Soil         | Tier II    |               | 1,2,3,4,6,7,8-HpCDD                        | Exceeds CAL Range  | 0.0071 E           | -  | 0.0071 EJ  |  |
|                    |   |  |              |            |               | 1,2,3,4,6,7,8-HpCDF                        | Exceeds CAL Range  | 0.013 E            |  | 0.013 EJ   |  |
|                    |   |  |              |            |               | 1,2,3,4,7,8,9-HpCDF                        | Exceeds CAL Range  | 0.0084 E           | *  | 0.0084 EJ  |  |
|                    |   |  |              |            |               | 1.2,3,4,7,8-HxCDF<br>OCDD                  | Exceeds CAL Range  | 0.0074 E           |  | 0.0074 EJ  |  |
|                    |   |  |              |            |               | OCDF                                       | Exceeds CAL Range  | 0.012 E            | -  | 0.012 EJ   |  |
| 2J0P007            | RAA13-F93 (3 - 6)                       | 9/30/2002  | Soil         | Tier II    |               | 1,2,3,4,7,8-HxCDF                          | Exceeds CAL Range  | 0.052 EI           | *  | 0.052 EIJ  | <del> </del>   |
|                    |   | W CONEUGE  | 3011         | rief II    |               | 1,2,3,4,7,8-HXCOF<br>OCDF                  | Exceeds CAL Range Exceeds CAL Range  | 0.012 E<br>0.041 E |  | 0.012 EJ<br>0.041 EJ   |  |
| 2J0P007            | RAA13-G94 (0 - 1)                       | 9/30/2002  | Soil         | Tier II    | No            |  | LACEBUS DAL Mange  | U.041 E            | *  | U.U41 EJ   |  |
| 2J0P007            | RAA13-H93 (10 - 15)                     | 9/30/2002  | Soil         | Tier II    |               | OCOD                                       | Method Blank   |                    |  | ND(0.0000026)  |  |
| 2J0P007            | RAA13-H93 (6 - 10)                      | 9/30/2002  | Soil         | Tier II    |               | OCDD                                       | Method Blank   |                    |  | ND(0.0000040)  |  |
| 2J0P007            | RAA13-Z92 (0 - 1)                       | 9/30/2002  | Soll         | Tier II    | No            |  | THE PERSON NAMED IN COLUMN TO THE PE |                    | THE PERSON NAMED IN COLUMN TWO IS NOT THE OWNER, THE OW | 110000000000   |  |

# ANALYTICAL DATA VALIDATION SUMMARY GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

|                    | 1                                      | I  | 1        |            | T T           |  |   |                |  | T  |   |
|--------------------|--|--|----------|------------|---------------|--|---|----------------|--|--|---|
| Sample Delivery    | 1                                      |  |          | Validation |               |  |   |                |  |  |   |
| Group No.          | Sample ID                              | Date Collected   | Matrix   | Level      | Qualification | Compound                               | QA/QC Parameter                         | Value          | Control Limits   | Qualified Result                                 | Notes                                   |
| PCDDs/PCDFs (co    |  | ****   |          |            | - <del></del> | ,                                      |   |                |  | ·  |   |
| 2J0P051            | NEW2-DUP-4 (0 - 1)                     | 10/1/2002  | Soll     | Tier II    | Yes           | 1,2,3,4,6,7,8-HpCDF                    | Exceeds CAL Range                       | 0.015 EI       |  | 0.015 ELJ  | Duplicate of RAA13-G92                  |
|                    |  |  |          |            | i             | 1,2,3,4,7,8-HxCDF                      | Exceeds CAL Range                       | 0.014 EI       | **************************************   | 0.014 EU   | -                                       |
| 0.1000054          | (3) 1/3 (500 (0 T)                     | 40/4/0000  | 4        | 991 11     | ļ             | 2,3,7,8-TCDF                           | Exceeds CAL Range                       | 0.014 YE       |  | 0.014 YEJ  |   |
| 2J0P051            | RAA13-B90 (0 - 1)                      | 10/1/2002  | Soil     | Tier II    | No            |  |   |                |  |  |   |
| 2J0P051<br>2J0P051 | RAA13-B90 (1 - 3)<br>RAA13-C92 (0 - 1) | 10/1/2002  | Soll     | Tier II    | No            | ļ.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, |   | ····           | Michigan Change and Control of Co |  |   |
| 2J0P051            | RAA13-092 (0 - 1)                      | 10/1/2002<br>10/1/2002   | Soil     | Tier II    | No<br>No      |  |   |                | ***************************************  | ***************************************          |   |
| 2J0P051            | RAA13-E92 (0 - 1)                      | 10/1/2002  | Soil     | Tier II    | No            |  |   |                |  |  | **************************************  |
| 2J0P051            | RAA13-G92 (0 - 1)                      | 10/1/2002  | Soil     | Tier II    | No            |  | ······································  |                |  |  |   |
| 2J0P051            | RB-100102-2 (0 - 0)                    | 10/1/2002  | Soil     | Tier II    | No No         |  | *************************************** |                |  |  |   |
| 2J0P176            | RAA13-A89 (0 - 1)                      | 10/4/2002  | Soil     | Tier II    | Yes           | 1,2,3,4,6,7,8-HpCDF                    | Exceeds CAL Range                       | 0.0018 E       |  | 0.0018 EJ  |   |
|                    | 1441040000-11                          | 10/1/2002  | 3011     | 110111     | 103           | 1,2,3,4,7,8-HxCDF                      | Exceeds CAL Range                       | 0.0015 E       | ***************************************  | 0.0015 EJ  |   |
|                    |  |  |          |            | 1             | 2,3,4,7,8-PeCDF                        | Exceeds CAL Range                       | 0.0011 E       | -  | 0.0011 EJ  |   |
|                    |  | ł  |          |            | 1             | 2,3,7,8-TCDF                           | Exceeds CAL Range                       | 0.0013 YEQI    |  | 0.0013 YEQIJ                                     |   |
| İ                  |  |  |          |            |               | OCDD                                   | Exceeds CAL Range                       | 0.0037 E       | -  | 0.0037 EJ  |   |
| 2J0P176            | RAA13-Z84 (0 - 1)                      | 10/4/2002  | Soil     | Tier II    | No            |  |   |                |  |  |   |
| 2J0P176            | RAA13-Z84 (1 - 3)                      | 10/4/2002  | Soil     | Tier II    | No            |  |   |                | ***************************************  |  |   |
| 2J0P176            | RAA13-Z84 (3 - 8)                      | 10/4/2002  | Soil     | Tier II    | No            |  |   |                | **************************************   |  | *************************************** |
| 2J0P176            | RAA13-285 (0 - 1)                      | 10/4/2002  | Soil     | Tier II    | No            |  |   |                |  |  |   |
| 2J0P176            | RAA13-285 (1 - 3)                      | 10/4/2002  | Soil     | Tier II    | Yes           | OCDD                                   | Method Blank                            | -              | -  | ND(0.000011)                                     | 1                                       |
| 2J0P176            | RAA13-Z85 (3 - 6)                      | 10/4/2002  | Soil     | Tier II    | Yes           | OCDD                                   | Method Blank                            | -              | **************************************   | ND(0.0000036)                                    | *************************************** |
| 2J0P176            | RAA13-Z88 (0 - 1)                      | 10/4/2002  | Soit     | Tier II    | No            |  |   |                | ***************************************  | the contract of the same of the same of the same |   |
| 2J0P292            | NEW2-DUP-6 (0 - 1)                     | 10/9/2002  | Soil     | Tier II    | Yes           | PeCDDs (total)                         | Field Duplicate RPD (Soil)              | 69.1%          | <50%   | 0.000037 J                                       | Duplicate of RAA13-C98                  |
| 2J0P292            | RAA13-A97 (0 - 1)                      | 10/9/2002  | Soil     | Tier II    | Yes           | 1,2,3,4,6,7,8-HpCDF                    | Exceeds CAL Range                       | -              | *  | 0.022 EIJ  |   |
|                    |  |  | ]        |            | 1             | 1,2,3,4,7,8-HxCDF                      | Exceeds CAL Range                       | -              | -  | 0.023 EIJ  |   |
|                    |  |  |          |            | 1             | 1,2,3,6,7,8-HxCDF                      | Exceeds CAL Range                       | -              | +  | 0.014 EIJ  |   |
| •                  |  |  |          |            |               | 2,3,4,7,8-PeCDF .                      | Exceeds CAL Range                       |                |  | 0.013 EJ   |   |
| •                  |  |  |          |            |               | 2,3,7,8-TCDF                           | Exceeds CAL Range                       |                |  | 0.011 YEIJ                                       |   |
| n Iamana           | Para a para a a                        | The second secon | ļ        |            | ļ             | OCDF                                   | Exceeds CAL Range                       |                |  | 0.023 EIJ  |   |
| 2J0P292<br>2J0P292 | RAA13-B97 (3 - 6)                      | 10/9/2002  | Soil     | Tier II    | No            |  |   |                |  |  |   |
| 2306.595           | RAA13-B99 (1 - 3)                      | 10/9/2002  | Soil     | Tier II    | Yes           | 2,3,7,8-TCDF                           | MS %R                                   | 0.0%           | 70% to 130%  | 0.00059 J  | 1                                       |
|                    |  |  |          |            |               | 2,3,7,8-TCDF                           | MSD %R                                  | 0.0%           | 70% to 130%  | 0.00059 J  |   |
|                    | 1                                      |  |          |            |               | 1,2,3,7,8-PeCDF                        | MS %R                                   | 50.3%          | 70% to 130%  | 0.00012 J  |   |
|                    |  |  |          |            | -             | 1,2,3,7,8-PeCDF<br>2,3,4,7,8-PeCDF     | MSD %R                                  | 41.9%          | 70% to 130%  | 0.00012 J  | -                                       |
|                    | 1                                      |  |          |            | Ì             | 2,3,4,7,8-PeCDF                        | MS %R<br>MSD %R                         | 37.5%<br>18.1% | 70% to 130%<br>70% to 130%   | 0.00059 J<br>0.00059 J                           |   |
|                    |  |  |          |            | Ì             | 1,2,3,4,7,8-HxCDF                      | MS %R                                   | 0.0%           | 70% to 130%  | 0.00034 J  | <del> </del>                            |
|                    |  |  |          |            | [             | 1,2,3,4,7,8-HxCDF                      | MSD %R                                  | 0.0%           | 70% to 130%  | 0.00034 J  |   |
|                    |  |  |          |            | i             | 1,2,3,6,7,8-HxCDF                      | MS %R                                   | 43.6%          | 70% to 130%  | 0.00034 J  |   |
|                    | 1                                      |  |          |            |               | 1,2,3,6,7,8-HxCDF                      | MSD %R                                  | 31.4%          | 70% to 130%  | 0.00026 J  | *************************************** |
|                    |  |  |          |            |               | 2,3,4,6,7,8-HxCDF                      | MS %R                                   | 69.8%          | 70% to 130%  | 0,00021 J  |   |
|                    |  |  | 1 1      |            |               | 2,3,4,6,7,8-HxCDF                      | MS %R                                   | 63.3%          | 70% to 130%  | 0.00021J   |   |
|                    |  |  |          |            |               | 1,2,3,4,6,7,8-HpCDF                    | MS %R                                   | 0.0%           | 70% to 130%  | 0.00032 J  |   |
|                    |  |  |          |            | į             | 1,2,3,4,6,7,8-HpCDF                    | MSD %R                                  | 0.0%           | 70% to 130%  | 0.00032 J  | -                                       |
|                    |  |  |          |            |               | 1,2,3,4,7,8,9-HpCDF                    | MS %R                                   | 68.2%          | 70% to 130%  | 0.00034 Yi J                                     |   |
|                    | 1                                      |  |          |            |               | 1,2,3,4,7,8,9-HpCDF                    | MSD %R                                  | 64.7%          | 70% to 130%  | 0.00034 YI J                                     | -                                       |
|                    |  |  |          |            |               | OCDF                                   | MSD %R                                  | 57.8%          | 70% to 130%  | 0.00031 J  |   |
|                    |  | and a second section of the section of the se | <u> </u> |            |               | OCDD                                   | MS %R                                   | 68.5%          | 70% to 130%  | 0.00048 J  |   |
| 2J0P292            | RAA13-C98 (0 - 1)                      | 10/9/2002  | Soil     | Tier II    | Yes           | PeCDDs (total)                         | Field Duplicate RPD (Soil)              | 69.1%          | <50%   | 0.000018 J                                       |   |
| 2J0P292            | RAA13-D97 (1 - 3)                      | 10/9/2002  | Soil     | Tier II    | No            |  |   |                |  |  |   |
| 2J0P292            | RAA13-D97 (6 - 10)                     | 10/9/2002  | Soil     | Tier II    | No            |  |   |                |  |  |   |
| 2J0P292            | RAA13-D98 (0 - 1)                      | 10/9/2002  | Soil     | Tier II    | No            |  |   |                |  |  |   |
| 2J0P292<br>2J0P292 | RAA13-D99 (10 - 15)                    | 10/9/2002  | Soil     | Tier II    | No            |  |   |                |  |  |   |
| 2J0P292<br>2J0P453 | RB-100902-1 (0 - 0)                    | 10/9/2002  | Water    | Tier II    | No            |  |   |                |  |  |   |
|                    | RAA13-E87 (0 - 1)                      | 10/15/2002   | Soil     | Tier II    | No            |  |   |                |  |  |   |
| 2J0P453<br>2J0P453 | RAA13-G90 (0 - 1)                      | 10/15/2002   | Soil     | Tier II    | No            |  |   |                |  |  |   |
| 2J0P453<br>2J0P453 | RAA13-192 (0 - 1)                      | 10/15/2002   | Soil     | Tier II    | No            | ***                                    |   |                |  |  |   |
| £301'433           | RAA13-J92 (0 - 1)                      | 10/15/2002   | Soil     | Tier II    | No            |  |   |                |  |  |   |

# ANALYTICAL DATA VALIDATION SUMMARY GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

| <del></del>                  |   | <u> </u>                 |        |                     |  |  |                                     |                      |   |                               |  |
|------------------------------|---|--------------------------|--------|---------------------|--|--|-------------------------------------|----------------------|---|-------------------------------|--|
| Sample Delivery<br>Group No. | · •                                     | Date Collected           |        | Validation<br>Level | 0  |  | 21,022                              | 1                    |   |                               |  |
| PCDDs/PCDFs (c               | Sample ID                               | Date Conected            | Matrix | FaAsi               | Qualification  | Compound                                 | QA/QC Parameter                     | Value                | Control Limits  | Qualified Result              | Notes  |
| 2J0P477                      | RAA13-Z90 (0 - 1)                       | 10/16/2002               | Soil   | Tier ii             | Yes  | 1224679U=CD5                             | Exceeds CAL Range                   | Loossar              |   | 0.0000.5                      | <del></del>  |
| 2305411                      | POA(13-290 (0 - 1)                      | 10/10/2002               | 500    | Hern                | Yes  | 1,2,3,4,6,7,8-HpCDF<br>1,2,3,4,7,8-HxCDF | Exceeds CAL Range                   | 0.0062 E<br>0.0069 E |   | 0.0062 EJ<br>0.0069 EJ        |  |
|                              | 1                                       |                          |        |                     |  | 1,2,3,6,7,8-HxCDF                        | Exceeds CAL Range                   | 0.0069 E             |   | 0.0069 EJ                     |  |
|                              | 1                                       |                          |        |                     | 1  | 2,3,4,7,8-PeCDF                          | Exceeds CAL Range                   | 0.0048 E             | *   | 0.0028 EJ                     |  |
|                              | 1                                       |                          |        |                     |  | 2,3,7,8-TCDF                             | Exceeds CAL Range                   | 0.0028 E             | *   | 0.0028 E3                     |  |
|                              |   |                          |        |                     |  | OCDF                                     | Exceeds CAL Range                   | 0.0077 E             | **  | 0.0077 EJ                     |  |
| 2J0P477                      | RAA13-Z90 (1 - 3)                       | 10/16/2002               | Soil   | Tier II             | Yes  | 1,2,3,4,6,7,8-HpCDF                      | Exceeds CAL Range                   | 0.014 EI             | **  | 0.014 EIJ                     |  |
|                              | 1                                       |                          | ""     |                     | 1  | 1,2,3,4,7,8,9-HpCDF                      | Exceeds CAL Range                   | 0.0060 E             |   | 0.0060 EJ                     |  |
|                              |   |                          |        |                     | ĺ  | 1,2,3,4,7,8-HxCDF                        | Exceeds CAL Range                   | 0.020 EI             | **  | 0.020 EIJ                     |  |
|                              | ł                                       |                          |        |                     |  | 1,2,3,6,7,8-HxCDF                        | Exceeds CAL Range                   | 0.011 EI             | ***************************************   | 0.011 EIJ                     |  |
|                              | 1                                       |                          | 1 1    |                     |  | 1,2,3,7,8,9-HxCDF                        | Exceeds CAL Range                   | 0.0039 E             | -   | 0.0039 EJ                     |  |
|                              | 1                                       |                          | 1 1    |                     | 1  | 1,2,3,7,8-PeCDF                          | Exceeds CAL Range                   | 0.0034 E             | <del>-</del>  | 0.0034 EJ                     |  |
|                              | <b>!</b>                                |                          | 1 1    |                     |  | 2,3,4,6,7,8-HxCDF                        | Exceeds CAL Range                   | 0.0059 E             | *   | 0.0059 EJ                     |  |
|                              | 1                                       |                          |        |                     | 1  | 2,3,4,7,8-PeCDF                          | Exceeds CAL Range                   | 0.0080 EI            | n Martin de martin array (array) milijad ka de gaste de militar de martin proposat (array de militar de la secu<br>Martin de martin array (array) milijad ka de gaste de militar de martin de martin de militar de m | 0.0080 EIJ                    |  |
|                              |   |                          |        |                     | }  | 2,3,7,8-TCDF                             | Exceeds CAL Range                   | 0.0040 YEI           | -   | 0.0040 YEIJ                   | AND AND AND AND AND AND AND AND AND AND  |
|                              |   |                          |        |                     |  | OCDF                                     | Exceeds CAL Range                   | 0.015 EI             |   | 0.015 €IJ                     | E-Canan consideration (1 - 2000) estima contradection stretilla a stretion estimation (1000) from the contradection (1000) |
|                              |   |                          |        |                     |  | 2,3,7,8-TCDD                             | Internal Standard %R                | 19.3%                | 40% to 130%   | 0.000026 J                    | and a control and an include an object of the second and a second and a second and a second and a second and a             |
| 2,10P622                     | RAA13-A83 (0 - 1)                       | 10/22/2002               | Soil   | Tier II             | No   |  |                                     |                      |   |                               |  |
| 2J0P622                      | RAA13-A83 (1 - 3)                       | 10/22/2002               | Soil   | Tier II             | No   | ·  |                                     |                      |   |                               |  |
| 2J0P622                      | RAA13-A83 (10 - 15)                     | 10/22/2002               | Soil   | Tier II             | Yes  | OCDD                                     | Method Blank                        |                      | *   | ND(0.0000025)                 |  |
| 2J0P622                      | RAA13-A84 (0 - 1)                       | 10/22/2002               | Soil   | Tier II             | No   |  |                                     |                      |   |                               |  |
| 2J0P622<br>2J0P622           | RAA13-A84 (1 - 3)<br>RAA13-A84 (6 - 10) | 10/22/2002               | Soil   | Tier II             | Yes  | OCDD                                     | Method Blank                        |                      | -   | ND(0.0000042)                 |  |
| 2J0P622                      | RAA13-A84 (0 - 10)                      | 10/22/2002<br>10/22/2002 | Soil   | Tier II             | No   |  |                                     |                      |   |                               |  |
| 2J0P622                      | RAA13-A86 (1 - 3)                       |                          | Soil   | Tier II             | No         Include the property of the propert |  | <b>+</b>                            |                      |   |                               |  |
| 2001-622                     | [FACT 13-MOD (1 - 3)                    | 10/22/2002               | Soil   | Tier II             |  |  |                                     |                      |   | 0.0035 EJ                     |  |
|                              |   |                          |        | 1                   |  | 1,2,3,4,7,8-HXCDF<br>1,2,3,6,7,8-HxCDF   |                                     |                      |   | 0.0055 EIJ                    |  |
|                              |   | 1                        |        |                     |  |  | Exceeds CAL Range                   | 0.0036 EI            | *   | 0.0036 EIJ                    |  |
|                              | 1                                       | 1                        | ]      |                     | 1  | 1,2,3,7,8-PeCDF<br>2,3,4,7,8-PeCDF       | Exceeds CAL Range                   | 0.0026 E             |   | 0.0026 EJ                     |  |
|                              |   | 1                        | 1 1    |                     |  | 2,3,7,8-TCDF                             | Exceeds CAL Range Exceeds CAL Range | 0.0026 E             |   | 0.0026 EJ                     |  |
| 2J0P660                      | NEW2-DUP-8 (6 - 10)                     | 10/23/2002               | Soil   | Tier II             |  | 0CDD                                     | Method Blank                        | 0.0016 YEI           | -   | 0.0016 YEIJ<br>ND(0.00000019) | Ouplicate of RAA13-H89   |
|                              | 11212201 0 (0 10)                       |                          | 50#    | 1101 14             | 163  | 1,2,3,4,7,8,9-HpCDF                      | Method Blank                        |                      |   | ND(0.00000019)                | Duplicate of rova13-nos  |
|                              | ł                                       |                          |        |                     | 1  | HpCDDs (total)                           | Method Blank                        |                      | **************************************  | ND(0.0000030)                 |  |
| 2J0P660                      | RAA13-H89 (0 - 1)                       | 10/23/2002               | Soil   | Tier II             | Yes  | 2,3,7,8-TCDF                             | Incorrect Qualifier                 |                      | *   | 0.000080 YI                   | ·  |
| 2J0P660                      | RAA13-H89 (1 - 3)                       | 10/23/2002               | Soil   | Tier II             | Yes  | 1,2,3,4,6,7,8-HpCDD                      | Method Blank                        |                      | ericania principali de la companya d    | ND(0.00000056)                |  |
|                              | <u> </u>                                |                          |        |                     |  | OCDD                                     | Method Blank                        |                      | ***   | ND(0.0000029)                 |  |
| 2J0P660                      | RAA13-H89 (6 - 10)                      | 10/23/2002               | Soll   | Tier II             |  | 1,2,3,4,6,7,8-HpCDD                      | Method Blank                        |                      |   | ND(0.00000040)                |  |
|                              | 1                                       |                          |        |                     |  | 1,2,3,4,7,8,9-HpCDF                      | Method Blank                        | *                    | · · · · · · · · · · · · · · · · · · ·   | ND(0.00000025)                |  |
|                              | İ                                       |                          |        |                     |  | HpCDDs (total)                           | Method Blank                        |                      | *   | ND(0.00000068)                |  |
|                              |   |                          |        |                     |  | OCDD                                     | Method Blank                        |                      | •   | ND(0.0000015)                 |  |
| 2J0P660                      | RAA13-F89 (0 - 1)                       | 10/23/2002               | Soil   | Tier II             | Yes  | 1,2,3,4,6,7,8-HpCDD                      | Exceeds CAL Range                   | *                    | 0.0015 E  | 0.0015 EJ                     |  |
|                              |   |                          |        |                     | [ i  | OCDD                                     | Exceeds CAL Range                   |                      | 0.015 E   | 0.015 EJ                      |  |
| -                            |   |                          |        |                     |  | OCDF                                     | Exceeds CAL Range                   |                      | 0.0044 E  | 0.0044 EJ                     |  |
| 2J0P660                      | RAA13-F89 (1 - 3)                       | 10/23/2002               | Soil   | Tier II             |  | 2,3,7,8-TCDF                             | Incorrect Qualifier                 | *                    |   | 0.0000019 YI                  |  |
| 2J0P660                      | RAA13-F89 (10 - 15)                     | 10/23/2002               | Soil   | Tier II             | Yes  | 1,2,3,4,6,7,8-HpCDD                      | Method Blank                        | *                    |   | ND(0.00000050)                |  |
|                              |   |                          |        |                     |  | 1,2,3,4,6,7,8-HpCDF                      | Method Blank                        | *                    | *   | ND(0.00000025)                |  |
|                              |   |                          |        |                     |  | 1,2,3,4,7,8-HxCDF                        | Method Blank                        | -                    | *   | ND(0.00000021)                |  |
|                              |   |                          |        |                     |  | 1,2,3,7,8,9-HxCDF                        | Method Blank                        | -                    | es monosturares en especies de se en entre en especies de construir.  | ND(0.000000072)               |  |
|                              |   |                          |        |                     |  | 2,3,4,7,8-PeCDF                          | Method Blank                        |                      | And the second control of the second control    | ND(0.00000011)                |  |
|                              |   |                          |        |                     | [  | HpCDDs (total)                           | Method Blank                        |                      |   | ND(0.00000086)                |  |
|                              |   |                          |        |                     |  | HpCDFs (total)                           | Method Blank                        | -                    | *   | ND(0.00000025)                |  |
| 2J0P660                      | 100 400000 4 10 M                       | To he so the so he       |        |                     |  | OCDD                                     | Method Blank                        | -                    | -   | ND(0.0000039)                 |  |
| 2J0P660<br>2J0P703           | R8-102302-1 (0 - 0)                     | 10/23/2002               | Soil   | Tier II             | No   |  |                                     |                      |   |                               |  |
| 2J0P703<br>2J0P703           | RAA13-1 (21 - 23)                       | 10/24/2002               | Soil   | Tier II             |  | OCDD                                     | Method Blank                        | -                    |   | ND(0.0000070)                 |  |
| 2J0P703<br>2J0P703           | RAA13-1 (3 - 6)                         | 10/24/2002               | Soll   | Tier II             | No   |  |                                     |                      |   |                               |  |
| 2J0P703<br>2J0P703           | RAA13-B78 (0 - 1)<br>RAA13-B78 (1 - 3)  | 10/24/2002               | Soil   | Tier II             | No   |  |                                     |                      |   |                               |  |
| 2J0P703                      | RAA13-878 (1 - 3)                       | 10/24/2002               | Soil   | Tier II             | No   |  |                                     |                      |   |                               |  |
| 2J0P703                      | RAA13-879 (0 - 1)                       | 10/24/2002               | Soil   | Tier II             |  | OCDD                                     | Method Blank                        |                      | *   | ND(0.0000091)                 |  |
| 2J0P703                      | RAA13-879 (1 - 3)                       | 10/24/2002               | Soli   | Tier II             | No   | ***************************************  |                                     |                      |   |                               |  |
| www.l.W.U                    | Treason 11. 31                          | 10/24/2002               | Soll   | Tier II             | No l   |  |                                     |                      |   |                               |  |

# ANALYTICAL DATA VALIDATION SUMMARY GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

| Sample Delivery<br>Group No.   | Sample ID            | Date Collected | Matrix | Validation<br>Level | Qualification | Compound            | QA/QC Parameter   | Value                                   | Control Limits   | Qualified Result   | Notes  |
|--|----------------------|----------------|--------|---------------------|---------------|---------------------|---|---|--|--|--|
| PCDDs/PCDFs (co  | ontinued)            |                |        |                     |               |                     |   |   |  | <del></del>  |  |
| 2J0P703  | RAA13-B79 (6 - 10)   | 10/24/2002     | Soil   | Tier II             | Yes           | 1,2,3,4,6,7,8-HpCDD | Method Blank  |   | -  | ND(0.00000047)   |  |
|  |                      |                |        |                     |               | HpCDDs (total)      | Method Blank  |   | *  | ND(0.00000047)   | and the second section of the second second section section sections and second second second second second sec  |
|  |                      |                | 1 1    |                     | ]             | HpCDFs (total)      | Method Blank  | -                                       | +  | ND(0.00000048)   |  |
|  |                      |                |        |                     | 1             | OCDD                | Method Blank  | •                                       | +  | ND(0.0000020)  | A STATE OF THE PARTY OF THE PAR |
| 2J0P703  | RAA13-886 (0 - 1)    | 10/24/2002     | Soil   | Tier II             | No            |                     |   |   |  |  |  |
| 2J0P703  | RAA13-B86 (1 - 3)    | 10/24/2002     | Soil   | Tier II             | No            |                     |   |   |  |  |  |
| 2J0P703  | RAA13-B86 (3 - 6)    | 10/24/2002     | Soil   | Tier II             | Yes           | 1,2,3,4,6,7,8-HpCDF | Method Blank  | *                                       | *  | ND(0.0000021)  |  |
|  |                      |                |        |                     |               | HpCDFs (total)      | Method Blank  |   | •  | ND(0.0000021)  | 100  |
|  |                      |                | 11     |                     |               | OCDD                | Method Blank  |   | *  | ND(0.000018)   |  |
| 2J0P703  | RAA13-B87 (0 - 1)    | 10/24/2002     | Soil   | Tier II             | Yes           | 1,2.3,4,6,7,8-HpCDF | Exceeds CAL Range   |   |  | 0.0030 EJ  |  |
|  |                      |                |        |                     |               | 1,2,3,4,7,8-HxCDF   | Exceeds CAL Range   |   | •  | 0.0078 EJ  | 3 mary 10 mary |
| The state of the s |                      |                |        |                     | [             | 1,2,3,6,7,8-HxCDF   | Exceeds CAL Range   |   | *  | 0.0032 EIJ   | ***************************************  |
| 2J0P703  | RAA13-B87 (1 - 3)    | 10/24/2002     | Soil   | Tier II             | Yes           | 1,2,3,4,6,7,8-HpCDF | Exceeds CAL Range   | -                                       | *  | 0.0038 EJ  | The state of the s |
|  |                      |                |        |                     | ļ             | 1,2,3,4,7,8,9-HpCDF | Exceeds CAL Range   | *                                       | ***************************************  | 0.0038 EJ  | 1  |
|  | 1                    |                |        |                     | 1             | 1,2,3,4,7,8-HxCDF   | Exceeds CAL Range   |   | -  | 0.015 EJ   | ·  |
|  |                      |                | 1 1    |                     |               | 1,2,3,6,7,8-HxCDF   | Exceeds CAL Range   | -                                       | *  | 0.0060 EIJ   |  |
|  |                      |                | 1 1    |                     |               | 1,2,3,7,8,9-HxCDF   | Exceeds CAL Range   | -                                       |  | 0.0038 EJ  |  |
|  |                      |                | 1 1    |                     |               | 2,3,4,6,7,8-HxCDF   | Exceeds CAL Range   | -                                       |  | 0.0031 EJ  |  |
|  |                      |                |        |                     |               | 2,3,4,7,8-PeCDF     | Exceeds CAL Range   |   | *  | 0.0038 EJ  | ***  |
| 2J0P703  | RAA13-887 (3 - 6)    | 10/24/2002     | Soil   | Tier II             | No            |                     | ***************************************   | *************************************** | **************************************   |  | *******************************  |
| 2J0P703  | RAA13-C87 (0 - 1)    | 10/24/2002     | Soil   | Tier II             | Yes           | PeCDDs (total)      | Method Blank  |   | *  | ND(0.0000016)  | ***************************************  |
| 2J0P703  | RAA13-C87 (3 - 6)    | 10/24/2002     | Soil   | Tier II             | No            |                     | *   | *************************************** | · · · · · · · · · · · · · · · · · · ·  | and the second s |  |
| 2J0P703  | RAA13-D87 (0 - 1)    | 10/24/2002     | Soil   | Tier II             | No            |                     | ,   |   |  | THE PERSON NAMED IN COLUMN TWO IS NOT THE OWNER.   |  |
| 2J0P703  | RAA13-D87 (1 - 3)    | 10/24/2002     | Soil   | Tier II             | 1 5           | 1,2,3,4,6,7,8-HpCDD | Method Blank  |   | -  | ND(0.0000064)  | ***************************************  |
|  |                      |                | 1      |                     |               | OCDD                | Method Blank  | -                                       | -  | ND(0.000017)   |  |
|  |                      |                |        |                     | 1             | OCDF                | Method Blank  |   | -  | ND(0.0000090)  | · ·  |
| 2J0P752  | NEW2-DUP-10 (6 - 10) | 10/25/2002     | Soil   | Tier II             | Yes           | 1,2,3,4,6,7,8-HpCDD | Method Blank  | -                                       | •  |  | Ouplicate of RAA13-B84   |
|  |                      |                |        |                     |               | 1,2,3,4,6,7,8-HpCDF | Method Blank  | -                                       | -  | ND(0.00000024)   |  |
|  | i i                  |                |        |                     |               | HpCDDs (total)      | Method Blank  | -                                       | *  | ND(0.00000048)   |  |
|  |                      |                |        |                     |               | HpCDFs (total)      | Method Blank  | -                                       | *  | ND(0.00000024)   | **************************************   |
|  |                      |                | 1      |                     |               | HxCDFs (total)      | Method Blank  | *                                       | -  | NO(0.00000011)   | The state of the s |
|  |                      |                | 1 1    |                     |               | OCDD                | Method Blank  |   |  | ND(0.0000030)  | ***************************************  |
|  |                      |                |        |                     | 1             | PeCDFs (total)      | Method Blank  |   | •  | ND(0.00000017)   | ***************************************  |
|  |                      |                | 1 1    |                     |               | HxCDDs (total)      | Field Duplicate RPD (Soil)  | 64.3%                                   | <50%   | 0.00000019 J   | *******************************  |
|  |                      |                |        |                     | 1             | TCDDs (total)       | Field Duplicate RPD (Soit)  | 63.6%                                   | <50%   | 0.00000015 J   | **************************************   |
| ***************************************  |                      |                | 1      |                     | İ             | PeCDDs (total)      | Field Duplicate RPD (Soil)  | 51.2%                                   | <50%   | 0.00000032 J   |  |
|  | RAA13-884 (0 - 1)    | 10/25/2002     | Soil   | Tier II             | No            |                     |   |   | The second secon | TO CO CO CO CO CO CO CO CO CO CO CO CO CO  | · · · · · · · · · · · · · · · · · · ·  |
| 2J0P752  | RAA13-884 (1 - 3)    | 10/25/2002     | Soll   | Tier II             | Yes           | 1,2,3,7,8,9-HxCDF   | Method Blank  |   |  | ND(0.00000015)   |  |
| Totalian handana anagadana a a ha gayay, in piggapiya, — — pig ap  |                      |                |        |                     |               | OCDD                | Method Blank  |   | -  | ND(0.00000013)   |  |
| 2J0P752  | RAA13-B84 (6 - 10)   | 10/25/2002     | Soil   | Tier II             |               | 1,2,3,4,6,7,8-HpCDD | Method Blank  |   |  | ND(0.00000044)   |  |
| ĺ  |                      |                |        |                     |               | HpCDDs (total)      | Method Blank  |   |  | ND(0.00000044)   | <del> </del>   |
|  |                      |                |        |                     |               | OCDD                | Method Blank  |   | H-   | ND(0.0000037)  | <del> </del>   |
|  |                      |                |        |                     |               | PeCDFs (total)      | Method Blank  |   |  | ND(0,00000037)   |  |
|  |                      |                |        |                     | 1             | HxCDDs (total)      | Field Duplicate RPD (Soil)  | 64.3%                                   | <50%   | 0.00000037 J   |  |
|  |                      |                |        |                     |               | TCDDs (total)       | Field Duplicate RPD (Soil)  | 63.6%                                   | <50%   | 0.00000037 J   | · Control Cont |
| 1  |                      |                |        |                     |               | PeCDDs (total)      | Field Duplicate RPD (Soil)  | 51.2%                                   | <50%<br><50%   | 0.00000029 J   | ·  |
|  | RAA13-C85 (0 - 1)    | 10/25/2002     | Soil   | Tier II             | No            |                     | The publication of the property of the publication | J1.4.70                                 | 79070  | 0.00000004 J   |  |
|  | RAA13-C85 (1 - 3)    | 10/25/2002     | Soil   | Yier II             | No            |                     |   |   |  | No file was 1800 to 1000 from a characteristic transition and a series of contract and a series of the   |  |
|  | RAA13-C85 (6 - 10)   | 10/25/2002     | Soil   | Tier II             | No            |                     |   |   |  | ore filter delitares conservamento con conservamento de la conservamento del conservamento de la conservamento del conservamento de la conservamento del conservamento de la conservamento de la conservamento del conservamento de la conservamento del conservamento de la conservamento de la conservamento del conservamento de la conservamento de la conservamento de la |  |
| 2J0P752  | RB-102502-1 (0 - 0)  | 10/25/2002     | Soil   | Tier II             | No            |                     |   |   |  |  | <u> </u>   |

# ANALYTICAL DATA VALIDATION SUMMARY GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

| <u> </u>                      | T  | <del></del>              | 1            |                    | T T           |  |   |                |  |  |  |
|-------------------------------|--|--------------------------|--------------|--------------------|---------------|--|---|----------------|--|--|--|
| Sample Delivery               |  |                          |              | Validation         |               |  | 01/00 0   | Malua          | Onesteel Limite  | Qualified Result   | hintne   |
| Group No.                     | Sample ID                                | Date Collected           | Matrix       | Level              | Qualification | Compound                               | QA/QC Parameter                                       | Value          | Control Limits   | Qualined Result  | Notes  |
| Sulfide and Cyanic<br>210P596 |  | 0/20/2002                | Soil         | Tier II            | No            |  | T   |                |  |  | Duplicate of RAA13-B2  |
| 210P596                       | NEW2-DUP-1 (6 - 10)<br>RAA13-A95 (1 - 3) | 9/26/2002<br>9/26/2002   | Soil         | Tier II            | No            |  |   |                |  |  | The state of the s |
| 210P596                       | RAA13-A99 (0 - 1)                        | 9/26/2002                | Soil         | Tier II            | No            |  | **************************************                |                |  |  |  |
| 210P596                       | RAA13-B1 (0 - 1)                         | 9/26/2002                | Soll         | Tier II            | No            |  |   |                |  |  |  |
| 210P596                       | RAA13-B2 (6 - 10)                        | 9/26/2002                | Soil         | Tier II            | No            |  |   |                |  | construction of the same and the same of t |  |
| 210P596                       | RAA13-B96 (0 - 1)                        | 9/26/2002                | Soil         | Tier II            | No            |  |   |                |  | en anne de la compani |  |
| 210P596<br>210P596            | RAA13-C3 (0 - 1)                         | 9/26/2002                | Soil         | Tier II            | No<br>No      |  |   |                |  |  | ***************************************  |
| 210P596                       | RAA13-C5 (0 - 1)<br>RAA13-C5 (1 - 3)     | 9/26/2002<br>9/26/2002   | Soil<br>Soil | Tier II<br>Tier II | No<br>No      |  |   |                |  |  |  |
| 210P596                       | RAA13-C96 (0 - 1)                        | 9/26/2002                | Soil         | Tier II            | No            |  |   |                |  |  |  |
| 2I0P596                       | RAA13-F98 (0 - 1)                        | 9/26/2002                | Soll         | Tier II            | No            |  |   |                |  |  |  |
| 210P596                       | R8-092602-1 (0 - 0)                      | 9/26/2002                | Water        | Tier II            | No            |  |   |                |  |  |  |
| 2J0P007                       | RAA13-A94 (0 - 1)                        | 9/30/2002                | Soil         | Tier II            | No            |  |   |                |  |  |  |
| 2J0P007                       | RAA13-E94 (0 - 1)                        | 9/30/2002                | Soil         | Tier II            | No            | ~                                      |   |                | ······································   | in a china' i the a delice and a china delice and a |  |
| 2J0P007                       | RAA13-E95 (1 - 3)                        | 9/30/2002                | Soll         | Tier II            | No            |  |   |                |  |  |  |
| 2J0P007<br>2J0P007            | RAA13-F93 (1 - 3)<br>RAA13-G94 (0 - 1)   | 9/30/2002<br>9/30/2002   | Soil<br>Soil | Tier II<br>Tier II | No<br>No      |  |   |                |  |  |  |
| 2J0P051                       | NEW2-DUP-4 (0 - 1)                       | 10/1/2002                | Soil         | Tier II            | Yes           | Sulfide                                | MS %R   | 64.0%          | 75% to 125%  | 62 J   | Duplicate of RAA13-G92   |
| 2J0P051                       | RAA13-890 (0 - 1)                        | 10/1/2002                | Soil         | Tier II            | Yes           | Sulfide                                | MS %R   | 64.0%          | 75% to 125%  | 49 J   |  |
| 2J0P051                       | RAA13-B90 (1 - 3)                        | 10/1/2002                | Soil         | Tier II            |               | Sulfide                                | MS %R   | 64.0%          | 75% to 125%  | 69 J   |  |
| 2J0P051                       | RAA13-C92 (0 - 1)                        | 10/1/2002                | Soil         | Tier II            | Yes           | Sulfide                                | MS %R   | 64.0%          | 75% to 125%  | 41 J   |  |
| 2J0P051                       | RAA13-D90 (0 - 1)                        | 10/1/2002                | Soil         | Tier II            | Yes           | Sulfide                                | MS %R   | 64.0%          | 75% to 125%  | 33 J   |  |
| 2J0P051                       | RAA13-E92 (0 - 1)                        | 10/1/2002                | Soil         | Tier II            | Yes           | Sulfide                                | MS %R   | 64.0%          | 75% to 125%  | 44 J   |  |
| 2J0P051                       | RAA13-G92 (0 - 1)                        | 10/1/2002                | Soil         | Tier II            | Yes           | Sulfide                                | MS %R   | 64.0%          | 75% to 125%  | 35 J   |  |
| 2J0P051<br>2J0P176            | R8-100102-2 (0 - 0)                      | 10/1/2002                | Water        | Tier II            | No            | ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~ | !   |                | ***************************************  |  |  |
| 2J0P176                       | RAA13-A89 (0 - 1)<br>RAA13-Z84 (0 - 1)   | 10/4/2002<br>10/4/2002   | Soil<br>Soil | Tier II            | No<br>No      |  |   |                | to before the second to the second to the second section of the second section of the second section of the second section section of the second section secti | gai nggana paga quanqua na ana ana ana ana ana ana ana ana an  |  |
| 2J0P176                       | RAA13-Z84 (1 - 3)                        | 10/4/2002                | Soil         | Tier II            | No<br>No      |  |   |                |  | annicht der Allende fan Santjer (daar de Allende de All |  |
| 2J0P176                       | RAA13-Z84 (3 - 6)                        | 10/4/2002                | Soil         | Tier II            | No            |  |   |                |  |  |  |
| 2J0P176                       | RAA13-Z85 (0 - 1)                        | 10/4/2002                | Soil         | Tier II            | No            |  |   |                |  |  |  |
| 2J0P176                       | RAA13-Z85 (1 - 3)                        | 10/4/2002                | Soil         | Tier II            | No            |  |   |                |  | The state of the s |  |
| 2J0P176                       | RAA13-Z85 (3 - 6)                        | 10/4/2002                | Soil         | Tier II            | No            |  |   |                |  |  |  |
| 2J0P176                       | RAA13-Z88 (0 - 1)                        | 10/4/2002                | Soil         | Tier II            | No            |  |   |                |  | ***************************************  |  |
| 2J0P292                       | NEW2-DUP-6 (0 - 1)                       | 10/9/2002                | Solt         | Tier II            | Yes           | Sulfide                                | Field Duplicate RPD (Soil)                            | 73.2%          | 75% to 125%  | 28 J   | Duplicate of RAA13-C98   |
| 2J0P292<br>2J0P292            | RAA13-A97 (0 - 1)<br>RAA13-B97 (3 - 6)   | 10/9/2002                | Soil         | Tier II            | No            |  |   |                | ***************************************  |  |  |
| 2J0P292                       | RAA13-B99 (1 - 3)                        | 10/9/2002<br>10/9/2002   | Soil<br>Soil | Tier II Tier II    | No<br>No      | ************************************** |   |                |  |  |  |
| 2J0P292                       | RAA13-C98 (0 - 1)                        | 10/9/2002                | Soil         | Tier II            |               | Sulfide                                | Field Duplicate RPD (Soil)                            | 73.2%          | 75% to 125%  | 13 J   | <del>                                     </del>   |
| 2J0P292                       | RAA13-D97 (1 - 3)                        | 10/9/2002                | Soil         | Tier II            | No            | - Contract                             | 11 1019 200110110 12 20011                            | 7 0.20 /9      | 1 7 7 10 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7   |  |  |
| 2J0P292                       | RAA13-D98 (0 - 1)                        | 10/9/2002                | Soil         | Tier II            | No            |  |   |                |  |  |  |
| 2J0P292                       | RB-100902-1 (0 - 0)                      | 10/9/2002                | Water        | Tier II            | No            |  |   |                |  | ***************************************  |  |
| 2J0P453                       | RAA13-E87 (0 - 1)                        | 10/15/2002               | Soil         | Tier II            | No            |  |   |                |  |  |  |
| 2J0P453                       | RAA13-G90 (0 - 1)                        | 10/15/2002               | Soil         | Tier II            | No            |  |   |                | ***************************************  |  |  |
| 2J0P453<br>2J0P453            | RAA13-192 (0 - 1)                        | 10/15/2002               | Soil         | Tier II            | No            |  |   | ~~~            | **************************************   |  |  |
| 2J0P453<br>2J0P477            | RAA13-J92 (0 - 1)<br>RAA13-Z90 (0 - 1)   | 10/15/2002<br>10/16/2002 | Soil<br>Soil | Tier II            | No            |  |   |                |  |  | <b>_</b>   |
| 2J0P477                       | RAA13-Z90 (1 - 3)                        | 10/16/2002               | Sail         | Tier II            | No<br>No      |  |   |                | ech homos en elemento de emis caracitar que acom acom acambre a referen elemente de ma   |  |  |
| 2J0P622                       | RAA13-A83 (0 - 1)                        | 10/10/2002               | Soil         | Tier II            | No<br>No      |  |   |                |  |  |  |
| 2J0P622                       | RAA13-A83 (1 - 3)                        | 10/22/2002               | Soil         | Tier II            | No            |  |   |                | MARKATAN AND AND AND AND AND AND AND AND AND A   | ***************************************  |  |
| 2J0P622                       | RAA13-A83 (10 - 15)                      | 10/22/2002               | Soil         | Tier II            | No            |  |   |                | -  | *****************************  |  |
| 2J0P622                       | RAA13-A84 (0 - 1)                        | 10/22/2002               | Soil         | Tier II            | No            |  |   |                |  |  |  |
| 2J0P622                       | RAA13-A84 (1 - 3)                        | 10/22/2002               | Soil         | Tier II            | No            |  |   |                |  |  |  |
| 2J0P622                       | RAA13-A84 (6 - 10)                       | 10/22/2002               | Soil         | Tier II            | No            | 7                                      |   |                |  |  |  |
| 2J0P622                       | RAA13-A88 (0 - 1)                        | 10/22/2002               | Soil         | Tier II            | No            |  |   |                | *******************************  |  |  |
| 2J0P622<br>2J0P660            | RAA13-A86 (1 - 3)                        | 10/22/2002               | Soil         | Tier II            | No Vo         | 0.464                                  | Fig. 14 Page 15 - 15 Page 16 20                       | 70.00          | *F************************************   | 4001   | Products of DARGE 1100   |
| 2J0P660                       | NEW2-DUP-8 (6 - 10)<br>RAA13-F89 (0 - 1) | 10/23/2002<br>10/23/2002 | Soil         | Tier II            | Yes           | Sulfide                                | Field Duplicate RPD (Soil)                            | 76.9%          | <50%   | 12.0 J   | Duplicate of RAA13-H89   |
| 2J0P660                       | RAA13-F89 (1 - 3)                        | 10/23/2002               | Soil<br>Soil | Tier II Tier II    |               | Sulfide<br>Sulfide                     | Field Duplicate RPD (Soil) Field Duplicate RPD (Soil) | 76.9%<br>76.9% | <50%<br><50%   | 130 J<br>36,0 J  |  |
|                               | RAA13-F89 (10 - 15)                      | 10/23/2002               | Soil         | Tier II            | Yes           | Sulfide                                | Field Duplicate RPD (Soil)                            | 76.9%          | <50%   | 57.0 J   |  |
| 2J0P660                       | RAA13-H89 (0 - 1)                        | 10/23/2002               | Soil         | Tier II            |               | Sulfide                                | Field Duplicate RPD (Soil)                            | 76.9%          | <50%<br><50%   | 16.0 J   | **************************************   |
| 2J0P660                       | RAA13-H89 (1 - 3)                        | 10/23/2002               | Soil         | Tier II            |               | Sulfide                                | Field Duplicate RPD (Soil)                            | 76.9%          | <50%   | 22.0 J   |  |
| 2J0P660                       | RAA13-H89 (6 - 10)                       | 10/23/2002               | Soil         | Tier II            |               | Sulfide                                | Field Duplicate RPD (Soil)                            | 76.9%          | <50%   | 27.0 J   | ***************************************  |
| 2J0P660                       | R8-102302-1 (0 - 0)                      | 10/23/2002               | Water        | Tier II            | No            |  |   |                |  |  |  |

# ANALYTICAL DATA VALIDATION SUMMARY GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

| Sample Delivery    |                      |                |        | Validation |               |  |                            |  |  |  |   |
|--------------------|----------------------|----------------|--------|------------|---------------|--|----------------------------|--|--|--|---|
| Group No.          | Sample ID            | Date Collected | Matrix | Level      | Qualification | Compound   | QA/QC Parameter            | Value  | Control Limits   | Qualified Result   | Notes                                   |
| Sulfide and Cyanid | fe (continued)       |                |        |            |               |  |                            |  |  |  |   |
|                    | RAA13-1 (21 - 23)    | 10/24/2002     | Soil   | Tier II    | No            |  |                            |  |  |  |   |
|                    | RAA13-1 (3 - 6)      | 10/24/2002     | Soil   | Tier II    | No            |  |                            |  |  |  |   |
|                    | RAA13-878 (0 - 1)    | 10/24/2002     | Soll   | Tier II    | No            |  |                            |  |  |  |   |
|                    | RAA13-B78 (1 - 3)    | 10/24/2002     | Soil   | Tier II    | No            |  |                            |  |  |  |   |
|                    | RAA13-B78 (3 - 6)    | 10/24/2002     | Soil   | Tier II    | No            |  |                            |  |  |  | 99.                                     |
|                    | RAA13-879 (0 - 1)    | 10/24/2002     | Soll   | Tier II    | No            |  |                            |  | **************************************   | **************************************   |   |
| 2J0P703            | RAA13-B79 (1 - 3)    | 10/24/2002     | Soil   | Tier II    | No            |  |                            |  | er <del>(1900) P</del> arente salaka di karandaka di karandaka da karandak da karanda d | TO STATE OF THE BEAUTY OF THE STATE OF THE S |   |
| 2J0P703            | RAA13-B79 (6 - 10)   | 10/24/2002     | Soil   | Tier II    | No            |  |                            |  | **************************************   |  |   |
| 2J0P703            | RAA13-B86 (0 - 1)    | 10/24/2002     | Soil   | Tier II    | No            |  |                            | The state of the s |  |  |   |
| 2J0P703            | RAA13-B86 (1 - 3)    | 10/24/2002     | Soll   | Tier II    | No            |  |                            |  | ***************************************  | ***************************************  |   |
|                    | RAA13-B86 (3 - 6)    | 10/24/2002     | Soil   | Tier II    | No            | ***************************************  |                            |  |  | **************************************   |   |
|                    | RAA13-887 (0 - 1)    | 10/24/2002     | Soll   | Tier II    | No            |  |                            | ***************  |  | CONTROL CONTRO | *************************************** |
| 2J0P703            | RAA13-B87 (1 - 3)    | 10/24/2002     | Soll   | Tier II    | No            |  |                            | ***************************************  | proprieta in a proprieta de una circi de desta desta de la desta de la constitución de la constitución de la c   | **************************************   | *************************************** |
|                    | RAA13-B87 (3 - 6)    | 10/24/2002     | Soil   | Tier II    | No            |  |                            | ***********  | hei reidlich in dem er geben der geben der der der der der der der der der der   |  |   |
| 2J0P703            | RAA13-C87 (0 - 1)    | 10/24/2002     | Soll   | Tier !!    | No            |  |                            |  |  |  |   |
| 2J0P703            | RAA13-C87 (3 - 6)    | 10/24/2002     | Soil   | Tier II    | No            |  |                            |  |  | **************************************   |   |
| 2J0P703            | RAA13-D87 (0 - 1)    | 10/24/2002     | Soil   | Tier II    | No            |  |                            |  | ***************************************  | **************************************   | 000-01-00-00-00-00-00-00-00-00-0-0-0-0- |
| 2J0P703            | RAA13-D87 (1 - 3)    | 10/24/2002     | Soil   | Tier II    | No            |  |                            |  |  |  | *************************************** |
| 2J0P752            | NEW2-DUP-10 (6 - 10) | 10/25/2002     | Soil   | Tier II    | Yes           | Sulfide  | Field Duplicate RPD (Soil) | 200.0%   | <50%   | ND(7.40) J   | Duplicate of RAA13-B84                  |
|                    | RAA13-B84 (0 - 1)    | 10/25/2002     | Soil   | Tier II    | Yes           |  | Field Duplicate RPD (Soil) | 200.0%   | <50%   | 26.0 J   |   |
| 2J0P752            | RAA13-B84 (1 - 3)    | 10/25/2002     | Soli   | Tier II    | Yes           | Sulfide  | Field Duplicate RPD (Soil) | 200.0%   | <50%   | 16.0 J   |   |
|                    | RAA13-B84 (6 - 10)   | 10/25/2002     | Soil   | Tier II    | Yes           | Sulfide  | Field Duplicate RPD (Soil) | 200.0%   | <50%   | 11.0 J   |   |
| 2J0P752            | RAA13-C85 (0 - 1)    | 10/25/2002     | Soil   | Tier II    | Yes           | Sulfide  | Field Duplicate RPD (Soil) | 200.0%   | <50%   | 26.0 J   |   |
| 2J0P752            | RAA13-C85 (1 - 3)    | 10/25/2002     | Soil   | Tier II    |               | Sulfide  | Field Duplicate RPD (Soil) | 200.0%   | <50%   | 24.0 J   |   |
| 2J0P752            | RAA13-C85 (6 - 10)   | 10/25/2002     | Soil   | Tier II    | Yes           | Sulfide  | Field Duplicate RPD (Soil) | 200.0%   | <50%   | 18.0 J   |   |
|                    | RB-102502-1 (0 - 0)  | 10/25/2002     | Water  | Tier II    | No            | - Annual - of Constant - Annual - Annua |                            |  | . 2.0.10   | TU, V V  |   |