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***Demand***

| Analyte                          | Technology | Method Description     | ELAP Method Number |
|----------------------------------|------------|------------------------|--------------------|
| <b>Biochemical Oxygen Demand</b> | TITR       | USGS I-1578-78         | 2059               |
|                                  | TITR       | AOAC 973.44            | 2313               |
|                                  | TITR       | SM 18-20 5210B (01)    | 9014               |
| <b>Carbonaceous BOD</b>          | TITR       | SM 18-20 5210B (01)    | 9014               |
| <b>Chemical Oxygen Demand</b>    | COLOR      | EPA 410.4 Rev. 2.0     | 2098               |
|                                  | COLOR      | ASTM D1252-95 & 00 (B) | 2558               |
|                                  | COLOR      | HACH 8000              | 2097               |
|                                  | COLOR      | USGS I-3561-85         | 9032               |
|                                  | COLOR      | ASTM D1252-95 & 00 (A) | 2089               |
|                                  | COLOR      | OCEAN INST CO          | 2099               |
|                                  | COLOR      | SM 18-20 5220D (97)    | 2557               |
|                                  | COLOR      | USGS I-3562-85         | 2095               |
|                                  | TITR       | SM 18-20 5220C (97)    | 8002               |
|                                  | TITR       | USGS I-3560-85         | 2094               |
|                                  | TITR       | EPA 410.3 (Rev. 1978)  | 2093               |
|                                  | TITR       | AOAC 973.46            | 2091               |
|                                  | TITR       | ANSI 1975 p.17         | 2096               |
|                                  | TITR       | SM 18-20 5220B         | 5220               |

***Residue***

| Analyte                        | Technology | Method Description | ELAP Method Number |
|--------------------------------|------------|--------------------|--------------------|
| <b>Settleable Solids</b>       | GRAV       | SM 18-20 2540 F    | 1163               |
| <b>Solids, Total Dissolved</b> | GRAV       | USGS I-1750-85     | 2348               |

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**Residue**

| Analyte                        | Technology | Method Description  | ELAP Method Number |
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| <b>Solids, Total Dissolved</b> | GRAV       | SM 18-21 2540C (97) | 9064               |
| <b>Solids, Total Suspended</b> | GRAV       | USGS I-3765-85      | 2351               |
|                                | GRAV       | SM 18-20 2540D (97) | 9065               |
| <b>Solids, Total</b>           | GRAV       | USGS I-3750-85      | 2345               |
|                                | GRAV       | SM 18-20 2540B (97) | 9063               |

**Bacteriology**

| Analyte                     | Technology | Method Description      | ELAP Method Number |
|-----------------------------|------------|-------------------------|--------------------|
| <b>Coliform, Fecal</b>      | FB-QN      | EPA 1978 p 132 MPN/EC   | 1000               |
|                             | FB-QN      | SM 18-20 9221E (99)     | 1001               |
|                             | MF         | USGS B-0050-85          | 1004               |
|                             | MF-QN      | EPA 1978, p.124- MF     | 1002               |
|                             | MF-QN      | SM 18-20 9222D (97)     | 1003               |
| <b>Standard Plate Count</b> | F-HPC-QN   | SimPlate                | 1024               |
|                             | PP-QN      | SM 18-21 9215B          | 9136               |
| <b>Coliform, Total</b>      | FB-QN      | EPA 1978 P.114 - MPN    | 1005               |
|                             | FB-QN      | SM 18-20 9221B (99)     | 1006               |
|                             | FB-QN      | SM 18-20 9221E (99)     | 1001               |
|                             | MF-QN      | EPA 1978 P.108 - MF     | 1007               |
|                             | MF-QN      | SM 18-20 9222B (97)     | 1011               |
|                             | MF-QN      | EPA 1978, p.124- MF     | 1002               |
|                             | MF-QN      | USGS 1977 B0025-85 - MF | 1009               |
| <b>Enterococci</b>          | FB-PAF-QL  | ASTM D6503-99           | 1039               |

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***Bacteriology***

| Analyte            | Technology                   | Method Description      | ELAP Method Number             |      |
|--------------------|------------------------------|-------------------------|--------------------------------|------|
| <b>Enterococci</b> | FB-PAF-QL                    | Enterolert              | 1040                           |      |
|                    | FB-QN                        | SM 18-20 9230B (93)     | 1038                           |      |
|                    | MF-QN                        | ASTM D5259-92           | 1043                           |      |
|                    | MF-QN                        | EPA 1106.1              | 1041                           |      |
|                    | MF-QN                        | EPA 1600                | 1044                           |      |
|                    | MF-QN                        | SM 18-20 9230C (93)     | 1042                           |      |
|                    | PP-QN                        | EPA 600/8-78/017 p. 143 | 1045                           |      |
|                    | <b>E. coli (Enumeration)</b> | CF-QL                   | SM 18-21 9223B (97) (Colilert) | 9131 |
|                    |                              | CF-QL                   | Colilert                       | 1020 |
|                    |                              | FB-PAF-QL               | SM 18-20 9221F                 | 1047 |
|                    |                              | FB-PAF-QL               | AOAC 991.15                    | 1048 |
|                    |                              | MF-F-QL                 | EPA 1604                       | 1054 |
|                    |                              | MF-F-QL                 | SM 19-20 9222G                 | 1049 |
|                    |                              | MF-F-QL                 | EPA 1103.1                     | 1050 |
|                    |                              | MF-F-QL                 | SM 18-20 9213D                 | 1051 |
|                    |                              | MF-F-QL                 | EPA 1603                       | 1053 |
|                    |                              | MF-F-QL                 | ASTM D5392-93                  | 1052 |
| MF-QL              | m-Colibblue 24 Test          | 9134                    |                                |      |

***Mineral***

| Analyte        | Technology | Method Description | ELAP Method Number |
|----------------|------------|--------------------|--------------------|
| <b>Acidity</b> | TITR       | USGS I-1020-85     | 1066               |
|                | TITR       | ASTM D1067-92 & 02 | 2005               |

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| Analyte         | Technology        | Method Description        | ELAP Method Number |
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| <b>Acidity</b>  | TITR              | SM 18-20 2310B.4a (97)    | 9000               |
|                 | <b>Alkalinity</b> | COLOR                     | EPA 310.2          |
|                 | TITR              | USGS I-2030-85            | 2009               |
|                 | TITR              | SM 18-21 2320B (97)       | 9001               |
|                 | TITR              | USGS I-1030-85            | 2006               |
|                 | TITR              | ASTM D1067-92 & 02        | 2005               |
|                 | TITR              | AOAC 973.43               | 2007               |
| <b>Chloride</b> | AUTO              | LACHAT 10-117-07-1 A or B | 1235               |
|                 | CIE-UV            | ASTM D6508 Rev. 2         | 6508               |
|                 | COLOR             | USGS I-1187-85            | 2109               |
|                 | COLOR             | USGS I-2187-85            | 2113               |
|                 | COLOR             | SM 18-20 4500-Cl- E (97)  | 9023               |
|                 | IC                | USGS I-2057-85            | 3100               |
|                 | IC-COND           | AOAC 993.30               | 1071               |
|                 | IC-COND           | EPA 300.1 Rev. 1.0        | 2458               |
|                 | IC-COND           | EPA 300.0 Rev. 2.1        | 2459               |
|                 | IC-COND           | ASTM D4327-97& 03         | 2461               |
|                 | IC-COND           | SM 18-21 4110B (00)       | 2460               |
|                 | IC-COND           | EPA 9056                  | 9956               |
|                 | POT               | ASTM D512-89, 99 (C)      | 1072               |
|                 | TITR              | SM 18-21 4500-Cl- B (97)  | 2104               |
|                 | TITR              | SM 18-20 4500-Cl- C       | 9022               |

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| <b>Chloride</b>         | TITR       | USGS I-1183-85         | 2102               |
|                         | TITR       | ASTM D512-89 & 99A     | 2105               |
|                         | TITR       | AOAC 973.51            | 2107               |
| <b>Fluoride, Total</b>  | TITR       | ASTM D512-89, 99B      | 2101               |
|                         | AUTO       | LACHAT 10-109-12-2-A   | 1238               |
|                         | CIE-UV     | ASTM D6508 Rev. 2      | 6508               |
|                         | COLOR      | ASTM D1179-93 & 99 (A) | 2189               |
|                         | COLOR      | SM 18-21 4500-F E (97) | 9041               |
|                         | COLOR      | SM 18-21 4500-F D (97) | 9099               |
|                         | IC-COND    | ASTM D4327-97& 03      | 2461               |
|                         | IC-COND    | SM 18-21 4110B (00)    | 2460               |
|                         | IC-COND    | EPA 300.0 Rev. 2.1     | 2459               |
|                         | IC-COND    | EPA 9056               | 9956               |
|                         | IC-COND    | EPA 300.1 Rev. 1.0     | 2458               |
|                         | IC-COND    | AOAC 993.30            | 1071               |
|                         | POT        | SM 18-21 4500-F C (97) | 9097               |
|                         | POT        | ASTM D1179-93 & 99 (B) | 2185               |
|                         | POT        | USGS I-4327-85         | 2186               |
| <b>Calcium Hardness</b> | PREP       | SM 18-21 4500-F B (97) | 9039               |
|                         | CALC       | SM 18-20 2340B (97)    | 2564               |
|                         | COLOR      | EPA 130.1 Rev. 1971    | 2194               |
|                         | DCP-AES    | AES 0029               | 2556               |

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| Analyte                 | Technology | Method Description      | ELAP Method Number |
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| <b>Calcium Hardness</b> | FAAS       | USGS I-3152-85          | 2082               |
|                         | FAAS       | SM 18-19, 21 3500-Ca B  | 2437               |
|                         | FAAS       | SM 18-21 3111B (99)     | 9002               |
|                         | FAAS       | ASTM D511-93 & 03 (B)   | 2081               |
|                         | ICP-AES    | EPA 200.7 Rev. 4.4      | 2017               |
|                         | ICP-AES    | SM 18-21 3120B (99)     | 2583               |
|                         | PREP       | EPA 4.1.4               | 2011               |
|                         | PREP       | EPA 4.1.3               | 2010               |
|                         | TITR       | SM 18-19 3500-Ca-D      | 2441               |
|                         | TITR       | SM 20 3500-Ca-B         | 1046               |
| <b>Hardness, Total</b>  | AUTO       | LACHAT 10-301-31-1-A    | 1239               |
|                         | CALC       | SM 18-20 2340B (97)     | 2564               |
|                         | COLOR      | EPA 130.1 Rev. 1971     | 2194               |
|                         | FAAS       | SM 18-21 3111B (99)     | 9002               |
|                         | FAAS       | USGS I-3152&3447-85     | 2201               |
|                         | FAAS       | EPA 215.1& 242.1        | 2200               |
|                         | ICP-AES    | EPA 200.7 Rev. 4.4      | 2017               |
|                         | TITR       | USGS I-1338-85          | 2198               |
|                         | TITR       | AOAC 973.5 2B           | 1090               |
|                         | TITR       | SM 18-20 2340C (97)     | 1110               |
|                         | TITR       | AOAC 973.52B            | 2486               |
|                         | TITR       | ASTM D1126-86 & 92 & 02 | 2197               |

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| <b>Sulfate (as SO4)</b> | CIE-UV     | ASTM D6508 Rev. 2          | 6508               |
|                         | COLOR      | EPA 375.2 Rev. 2.0         | 9177               |
|                         | COLOR      | SM 15 426 C                | 2391               |
|                         | COLOR      | ASTM D516-90 & 02          | 2392               |
|                         | GRAV       | AOAC 925.54                | 2389               |
|                         | GRAV       | SM 18-21 4500 - SO4 C (97) | 1022               |
|                         | GRAV       | SM 18-21 4500-SO4 D (97)   | 2587               |
|                         | IC         | USGS I-2057-85             | 3100               |
|                         | IC-COND    | EPA 300.0 Rev. 2.1         | 2459               |
|                         | IC-COND    | EPA 300.1 Rev. 1.0         | 2458               |
|                         | IC-COND    | ASTM D4327-97& 03          | 2461               |
|                         | IC-COND    | EPA 9056                   | 9956               |
|                         | IC-COND    | SM 18-21 4110B (00)        | 2460               |
|                         | IC-COND    | AOAC 993.30                | 1071               |

**Nutrient**

| Analyte               | Technology | Method Description       | ELAP Method Number |
|-----------------------|------------|--------------------------|--------------------|
| <b>Ammonia (as N)</b> | AUTO       | LACHAT 10-107-06-1-B     | 2489               |
|                       | AUTO       | SM 19-20 4500-NH3 G (97) | 1109               |
|                       | AUTO       | SM 18 4500-NH3 H         | 1111               |
|                       | AUTO       | USGS I-4523-85           | 2034               |
|                       | AUTO       | EPA 350.1 Rev. 2.0       | 2031               |
|                       | AUTO       | TECHNICON 379-75WE       | 2035               |

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| Analyte               | Technology                      | Method Description            | ELAP Method Number    |      |
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| <b>Ammonia (as N)</b> | COLOR                           | USGS I-3520-85                | 2024                  |      |
|                       | COLOR                           | SM 18 4500-NH3 C              | 9006                  |      |
|                       | COLOR                           | USGS I-2522-90                | 3101                  |      |
|                       | COLOR                           | ASTM D1426-98 & 03(A)         | 2023                  |      |
|                       | COLOR                           | AOAC 973.49                   | 2025                  |      |
|                       | IC-COND                         | ASTM D6919-03                 | 6919                  |      |
|                       | POT                             | SM 19-20 4500-NH3 D or E (97) | 9007                  |      |
|                       | POT                             | ASTM D1426-98, 03(B)          | 2029                  |      |
|                       | POT                             | SM 18 4500-NH3 F or G         | 9008                  |      |
|                       | PREP                            | SM 18-20 4500-NH3 B (97)      | 9005                  |      |
|                       | TITR                            | SM 18 4500-NH3 E              | 9009                  |      |
|                       | TITR                            | SM 19-20 4500 NH3-C (97)      | 1404                  |      |
|                       | <b>Kjeldahl Nitrogen, Total</b> | AUTO                          | ASTM D3590-89, 02 (B) | 1094 |
|                       |                                 | AUTO                          | EPA 351.2 Rev. 2.0    | 2230 |
| AUTO                  |                                 | LACHAT 10-107-06-2            | 2485                  |      |
| AUTO                  |                                 | OI-PAI-DK01                   | 1097                  |      |
| COLOR                 |                                 | OI-PAI-DK01                   | 1096                  |      |
| COLOR                 |                                 | USGS I-4515-91                | 2228                  |      |
| COLOR                 |                                 | SM 18 4500-NH3 C              | 9006                  |      |
| COLOR                 |                                 | EPA 351.1 Rev. 1978           | 2221                  |      |
| POT                   |                                 | SM 19-20 4500-NH3 D or E (97) | 9007                  |      |
| POT                   |                                 | SM 18 4500-NH3 F or G         | 9008                  |      |

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| Analyte                         | Technology        | Method Description              | ELAP Method Number |
|---------------------------------|-------------------|---------------------------------|--------------------|
| <b>Kjeldahl Nitrogen, Total</b> | PREP              | SM 18-20 4500-N Org B or C (97) | 9046               |
|                                 | TITR              | ASTM D3590-89 & 02 (A)          | 2223               |
|                                 | TITR              | SM 18 4500-NH3 E                | 9009               |
|                                 | TITR              | SM 19-20 4500 NH3-C (97)        | 1404               |
|                                 | TITR              | AOAC 973.48                     | 1093               |
|                                 | TITR              | OI- PAI-DK01                    | 1095               |
| <b>Nitrate (as N)</b>           | AUTO              | SM 18-20 4500-NO3 H (00)        | 9145               |
|                                 | AUTO              | LACHAT 10-107-04-1-C            | 1241               |
|                                 | AUTO              | USGS I-4545-85A                 | 2652               |
|                                 | CIE-UV            | ASTM D6508 Rev. 2               | 6508               |
|                                 | COLOR             | USGS I-2545-90                  | 3119               |
|                                 | COLOR             | ANSI p.28                       | 2576               |
|                                 | COLOR             | ASTM D3867-99A                  | 2283               |
|                                 | COLOR             | SM 18-21 4500-NO3 F (00)        | 9053               |
|                                 | COLOR             | EPA 353.2 Rev. 2.0              | 2281               |
|                                 | COLOR             | ASTM D3867-99B                  | 2280               |
|                                 | COLOR             | EPA 352.1                       | 2273               |
|                                 | COLOR             | SM 14 419D                      | 2277               |
|                                 | COLOR             | SM 18-21 4500-NO3 E (00)        | 9052               |
|                                 | COLOR             | AOAC 973.50                     | 2276               |
|                                 | IC-COND           | EPA 300.0 Rev. 2.1              | 2459               |
| IC-COND                         | ASTM D4327-97& 03 | 2461                            |                    |

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| <b>Nitrate (as N)</b>        | IC-COND    | AOAC 993.30              | 1071               |
|                              | IC-COND    | SM 18-21 4110B (00)      | 2460               |
|                              | IC-COND    | EPA 9056                 | 9956               |
|                              | IC-COND    | EPA 300.1 Rev. 1.0       | 2458               |
|                              | POT        | SM 18-21 4500-N03 D (00) | 9998               |
| <b>Nitrite (as N)</b>        | AUTO       | USGS I-4540-85           | 2290               |
|                              | AUTO       | LACHAT 10-107-04-1-C     | 1241               |
|                              | CIE-UV     | ASTM D6508 Rev. 2        | 6508               |
|                              | COLOR      | SM 18-21 4500-NO3 E (00) | 9052               |
|                              | COLOR      | HACH 8507                | 2289               |
|                              | COLOR      | EPA 353.2 Rev. 2.0       | 2281               |
|                              | COLOR      | SM 18-21 4500-NO3 F (00) | 9053               |
|                              | COLOR      | SM 18-21 4500-NO2 B (00) | 9162               |
|                              | COLOR      | ASTM D1254-67            | 2288               |
|                              | COLOR      | USGS I-2540-90           | 3118               |
|                              | IC-COND    | AOAC 993.30              | 1071               |
|                              | IC-COND    | EPA 9056                 | 9956               |
|                              | IC-COND    | ASTM D4327-97& 03        | 2461               |
|                              | IC-COND    | SM 18-21 4110B (00)      | 2460               |
|                              | IC-COND    | EPA 300.0 Rev. 2.1       | 2459               |
| <b>Orthophosphate (as P)</b> | IC-COND    | EPA 300.1 Rev. 1.0       | 2458               |
|                              | AUTO       | Seal Method 2-014-1-L    | 1025               |

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| <b>Orthophosphate (as P)</b> | AUTO                     | AOAC 973.56                | 2330                |
|                              | AUTO                     | SM 18-21 4500-P F          | 9057                |
|                              | AUTO                     | Seal Method 2-014-1-H or L | 1128                |
|                              | AUTO                     | USGS I-4601-85             | 2301                |
|                              | AUTO                     | LACHAT 10-115-01-1-A       | 1242                |
|                              | CIE-UV                   | ASTM D6508 Rev. 2          | 6508                |
|                              | COLOR                    | SM 18-21 4500-P E          | 9061                |
|                              | COLOR                    | AOAC 973.55                | 2305                |
|                              | COLOR                    | EPA 365.3 Rev. 1978        | 2306                |
|                              | COLOR                    | EPA 365.1 Rev. 2.0         | 2299                |
|                              | COLOR                    | ASTM D515-88 A             | 2304                |
|                              | COLOR                    | USGS I-2601-90             | 9114                |
|                              | IC-COND                  | EPA 300.1 Rev. 1.0         | 2458                |
|                              | IC-COND                  | EPA 300.0 Rev. 2.1         | 2459                |
|                              | IC-COND                  | ASTM D4327-97& 03          | 2461                |
|                              | IC-COND                  | EPA 9056                   | 9956                |
|                              | IC-COND                  | AOAC 993.30                | 1071                |
|                              | <b>Phosphorus, Total</b> | AUTO                       | EPA 365.4 Rev. 1974 |
| AUTO                         |                          | USGS I-4600-85             | 1134                |
| AUTO                         |                          | Seal Method 2-014-1-H or L | 1128                |
| AUTO                         |                          | LACHAT 10-115-01-1-C       | 1247                |
| AUTO                         |                          | USGS I-4610-91             | 2332                |

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| Analyte                  | Technology | Method Description    | ELAP Method Number |
| <b>Phosphorus, Total</b> | AUTO       | AOAC 973.56           | 2330               |
|                          | AUTO       | LACHAT 10-115-01-1-E  | 1244               |
|                          | AUTO       | SM 18-21 4500-P F     | 9057               |
|                          | COLOR      | ASTM D515-88 A        | 2304               |
|                          | COLOR      | SM 18-21 4500-P E     | 9061               |
|                          | COLOR      | EPA 365.1 Rev. 2.0    | 2299               |
|                          | COLOR      | EPA 365.3 Rev. 1978   | 2306               |
|                          | GC-FID     | J.CHRM Vol47 pp.421-6 | 2328               |
|                          | PREP       | AOAC 973.55           | 2350               |
|                          | PREP       | SM 18-20 4500-P b.5   | 1133               |

| <b>Wastewater Metals I</b> |            |                         |                    |
|----------------------------|------------|-------------------------|--------------------|
| Analyte                    | Technology | Method Description      | ELAP Method Number |
| <b>Barium, Total</b>       | DCP-AES    | AES 0029                | 2556               |
|                            | FAAS       | SM 18-19, 21 3111D (99) | 9073               |
|                            | FAAS       | USGS I-3084-85          | 2050               |
|                            | FAAS       | SM 18-21 3111B (99)     | 9002               |
|                            | FAAS       | EPA 7080A               | 4061               |
|                            | GFAAS      | EPA 200.9 Rev. 2.2      | 9102               |
|                            | GFAAS      | EPA 7081                | 1015               |
|                            | GFAAS      | SM 18-19, 21 3113B (99) | 9003               |
|                            | GFAAS      | ASTM D4382-95& 02       | 2554               |
|                            | ICP-AES    | SM 18-21 3120B (99)     | 2583               |

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| Analyte              | Technology            | Method Description          | ELAP Method Number     |
|----------------------|-----------------------|-----------------------------|------------------------|
| <b>Barium, Total</b> | ICP-AES               | EPA 6010B                   | 4065                   |
|                      | ICP-AES               | USGS I-4471-97              | 3112                   |
|                      | ICP-AES               | EPA 200.7 Rev. 4.4          | 2017                   |
|                      | ICP-MS                | AOAC 993.14                 | 9931                   |
|                      | ICP-MS                | ASTM D5673-03               | 5673                   |
|                      | ICP-MS                | USGS I-4472-97              | 3120                   |
|                      | ICP-MS                | EPA 200.8 Rev. 5.4          | 9103                   |
|                      | ICP-MS                | EPA 6020                    | 4082                   |
|                      | PREP                  | EPA 4.1.3                   | 2010                   |
|                      | PREP                  | EPA 3010A                   | 4015                   |
|                      | PREP                  | EPA 4.1.4                   | 2011                   |
|                      | PREP                  | EPA 3005A                   | 4016                   |
|                      | PREP                  | EPA 200.2                   | 2650                   |
|                      | PREP                  | EPA 3015                    | 3015                   |
|                      | <b>Cadmium, Total</b> | ASV                         | ASTM D3557-95 & 02 (C) |
| COLOR                |                       | SM 18-19 3500-Cd D          | 9017                   |
| DCP-AES              |                       | ASTM D4190-94 & 99          | 2490                   |
| DCP-AES              |                       | AES 0029                    | 2556                   |
| FAAS                 |                       | ANSI 1975,p.37              | 2072                   |
| FAAS                 |                       | ASTM D3557-95 & 02 (A or B) | 2071                   |
| FAAS                 |                       | AOAC 974.27                 | 2160                   |
| FAAS                 |                       | EPA 7130                    | 4025                   |

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***Wastewater Metals I***

| Analyte               | Technology | Method Description      | ELAP Method Number |
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| <b>Cadmium, Total</b> | FAAS       | USGS I-3135-85          | 2073               |
|                       | FAAS       | SM 18-20 3111C (99)     | 9016               |
|                       | FAAS       | USGS I-3136-85          | 2074               |
|                       | FAAS       | SM 18-21 3111B (99)     | 9002               |
|                       | GFAAS      | EPA 7131A               | 4024               |
|                       | GFAAS      | EPA 200.9 Rev. 2.2      | 9102               |
|                       | GFAAS      | SM 18-19, 21 3113B (99) | 9003               |
|                       | GFAAS      | ASTM D3557-95 & 02 (D)  | 2553               |
|                       | ICP-AES    | SM 18-21 3120B (99)     | 2583               |
|                       | ICP-AES    | USGS I-4471-97          | 3112               |
|                       | ICP-AES    | EPA 6010B               | 4065               |
|                       | ICP-AES    | USGS I-1472-85          | 9030               |
|                       | ICP-AES    | EPA 200.7 Rev. 4.4      | 2017               |
|                       | ICP-MS     | EPA 6020                | 4082               |
|                       | ICP-MS     | AOAC 993.14             | 9931               |
|                       | ICP-MS     | ASTM D5673-03           | 5673               |
|                       | ICP-MS     | USGS I-4472-97          | 3120               |
|                       | ICP-MS     | EPA 200.8 Rev. 5.4      | 9103               |
|                       | PREP       | EPA 3015                | 3015               |
|                       | PREP       | EPA 3020A               | 4066               |
| PREP                  | EPA 3005A  | 4016                    |                    |
| PREP                  | EPA 3010A  | 4015                    |                    |

|   |                           |                          |                          |
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| Analyte               | Technology            | Method Description     | ELAP Method Number |
|-----------------------|-----------------------|------------------------|--------------------|
| <b>Cadmium, Total</b> | PREP                  | EPA 200.2              | 2650               |
|                       | PREP                  | EPA 4.1.4              | 2011               |
|                       | PREP                  | EPA 4.1.3              | 2010               |
| <b>Calcium, Total</b> | DCP-AES               | AES 0029               | 2556               |
|                       | FAAS                  | EPA 7140               | 7140               |
|                       | FAAS                  | ASTM D511-93 & 03 (B)  | 2081               |
|                       | FAAS                  | SM 18-19, 21 3500-Ca B | 2437               |
|                       | FAAS                  | SM 18-21 3111B (99)    | 9002               |
|                       | FAAS                  | USGS I-3152-85         | 2082               |
|                       | IC-COND               | ASTM D6919-03          | 6919               |
|                       | ICP-AES               | EPA 200.7 Rev. 4.4     | 2017               |
|                       | ICP-AES               | EPA 6010B              | 4065               |
|                       | ICP-AES               | SM 18-21 3120B (99)    | 2583               |
|                       | ICP-AES               | USGS I-4471-97         | 3112               |
|                       | PREP                  | EPA 3015               | 3015               |
|                       | PREP                  | EPA 4.1.3              | 2010               |
|                       | PREP                  | EPA 4.1.4              | 2011               |
|                       | PREP                  | EPA 200.2              | 2650               |
|                       | PREP                  | EPA 3010A              | 4015               |
| PREP                  | EPA 3005A             | 4016                   |                    |
| TITR                  | ASTM D511-93 & 03 (A) | 2085                   |                    |
| TITR                  | SM 20 3500-Ca-B       | 1046                   |                    |

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| Analyte                | Technology | Method Description      | ELAP Method Number |
|------------------------|------------|-------------------------|--------------------|
| <b>Calcium, Total</b>  | TITR       | SM 18-19 3500-Ca-D      | 2441               |
| <b>Chromium, Total</b> | AUTO       | LACHAT 10-124-13-1-A    | 9035               |
|                        | COLOR      | SM 18-19 3500-Cr D      | 5117               |
|                        | DCP-AES    | AES 0029                | 2556               |
|                        | DCP-AES    | ASTM D4190-94 & 99      | 2490               |
|                        | FAAS       | EPA 7190                | 4027               |
|                        | FAAS       | AOAC 974.27             | 2160               |
|                        | FAAS       | SM 18-20 3111C (99)     | 9016               |
|                        | FAAS       | USGS I-3236-85          | 2135               |
|                        | FAAS       | SM 18-21 3111B (99)     | 9002               |
|                        | FAAS       | ASTM D1687-92 & 02 (B)  | 2139               |
|                        | GFAAS      | EPA 7191                | 4026               |
|                        | GFAAS      | SM 18-19, 21 3113B (99) | 9003               |
|                        | GFAAS      | EPA 200.9 Rev. 2.2      | 9102               |
|                        | GFAAS      | USGS I-3233-93          | 3102               |
|                        | GFAAS      | ASTM D1687-92 & 02 (C)  | 2560               |
|                        | ICP-AES    | EPA 6010B               | 4065               |
|                        | ICP-AES    | EPA 200.7 Rev. 4.4      | 2017               |
|                        | ICP-AES    | SM 18-21 3120B (99)     | 2583               |
|                        | ICP-MS     | ASTM D5673-03           | 5673               |
|                        | ICP-MS     | EPA 200.8 Rev. 5.4      | 9103               |
|                        | ICP-MS     | AOAC 993.14             | 9931               |

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| Analyte                | Technology                  | Method Description   | ELAP Method Number |
|------------------------|-----------------------------|----------------------|--------------------|
| <b>Chromium, Total</b> | ICP-MS                      | EPA 6020             | 4082               |
|                        | PREP                        | EPA 3005A            | 4016               |
|                        | PREP                        | EPA 3010A            | 4015               |
|                        | PREP                        | EPA 200.2            | 2650               |
|                        | PREP                        | EPA 3020A            | 4066               |
|                        | PREP                        | EPA 4.1.4            | 2011               |
|                        | PREP                        | EPA 4.1.3            | 2010               |
| <b>Copper, Total</b>   | PREP                        | EPA 3015             | 3015               |
|                        | COLOR                       | HACH 8506            | 2165               |
|                        | COLOR                       | SM 20 3500-Cu B (99) | 1086               |
|                        | COLOR                       | SM 20 3500-Cu C      | 1088               |
|                        | COLOR                       | SM 18-19 3500-Cu E   | 1087               |
|                        | COLOR                       | SM 18-19 3500-Cu D   | 2164               |
|                        | DCP-AES                     | AES 0029             | 2556               |
|                        | DCP-AES                     | ASTM D4190-94 & 99   | 2490               |
|                        | FAAS                        | AOAC 974.27          | 2160               |
|                        | FAAS                        | USGS I-3271-85       | 2159               |
|                        | FAAS                        | ANSI 1975,p.37       | 2072               |
|                        | FAAS                        | SM 18-21 3111B (99)  | 9002               |
|                        | FAAS                        | SM 18-20 3111C (99)  | 9016               |
| FAAS                   | ASTM D1688-95 & 02 (A or B) | 2158                 |                    |
| FAAS                   | EPA 7210                    | 7210                 |                    |

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| Analyte              | Technology         | Method Description      | ELAP Method Number |
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| <b>Copper, Total</b> | FAAS               | USGS I-3270-85          | 2491               |
|                      | GFAAS              | EPA 200.9 Rev. 2.2      | 9102               |
|                      | GFAAS              | SM 18-19, 21 3113B (99) | 9003               |
|                      | GFAAS              | EPA 7211                | 1118               |
|                      | ICP-AES            | EPA 6010B               | 4065               |
|                      | ICP-AES            | USGS I-4471-97          | 3112               |
|                      | ICP-AES            | SM 18-21 3120B (99)     | 2583               |
|                      | ICP-AES            | EPA 200.7 Rev. 4.4      | 2017               |
|                      | ICP-MS             | AOAC 993.14             | 9931               |
|                      | ICP-MS             | ASTM D5673-03           | 5673               |
|                      | ICP-MS             | USGS I-4472-97          | 3120               |
|                      | ICP-MS             | EPA 200.8 Rev. 5.4      | 9103               |
|                      | ICP-MS             | EPA 6020                | 4082               |
|                      | PREP               | EPA 3015                | 3015               |
|                      | PREP               | EPA 4.1.3               | 2010               |
|                      | PREP               | EPA 200.2               | 2650               |
|                      | PREP               | EPA 3010A               | 4015               |
|                      | PREP               | EPA 3005A               | 4016               |
|                      | PREP               | EPA 4.1.4               | 2011               |
|                      | <b>Iron, Total</b> | COLOR                   | SM 18-19 3500-Fe D |
| COLOR                |                    | SM 20 3500-FE B (97)    | 1092               |
| COLOR                |                    | ASTM D1068-96 & 03 (D)  | 2216               |

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| Analyte            | Technology | Method Description      | ELAP Method Number |
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| <b>Iron, Total</b> | COLOR      | HACH 8008               | 2217               |
|                    | DCP-AES    | ASTM D4190-94 & 99      | 2490               |
|                    | DCP-AES    | AES 0029                | 2556               |
|                    | FAAS       | SM 18-21 3111B (99)     | 9002               |
|                    | FAAS       | EPA 7380                | 7380               |
|                    | FAAS       | SM 18-20 3111C (99)     | 9016               |
|                    | FAAS       | ASTM D1068-96 & 03 (A)  | 2210               |
|                    | FAAS       | ASTM D1068-96 & 03 (B)  | 2211               |
|                    | FAAS       | SM 18-19, 21 3111D (99) | 9073               |
|                    | FAAS       | USGS I-3381-85          | 2212               |
|                    | FAAS       | AOAC 974.27             | 2160               |
|                    | GFAAS      | ASTM D1068-96 & 03 (C)  | 2567               |
|                    | GFAAS      | EPA 200.9 Rev. 2.2      | 9102               |
|                    | GFAAS      | SM 18-19, 21 3113B (99) | 9003               |
|                    | ICP-AES    | EPA 200.7 Rev. 4.4      | 2017               |
|                    | ICP-AES    | SM 18-21 3120B (99)     | 2583               |
|                    | ICP-AES    | EPA 6010B               | 4065               |
|                    | ICP-AES    | USGS I-4471-97          | 3112               |
|                    | PREP       | EPA 3010A               | 4015               |
|                    | PREP       | EPA 3015                | 3015               |
| PREP               | EPA 3005A  | 4016                    |                    |
| PREP               | EPA 200.2  | 2650                    |                    |

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| Analyte            | Technology              | Method Description     | ELAP Method Number |
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| <b>Iron, Total</b> | PREP                    | EPA 4.1.4              | 2011               |
|                    | PREP                    | EPA 4.1.3              | 2010               |
| <b>Lead, Total</b> | ASV                     | ASTM D3559-96 & 03 (C) | 2239               |
|                    | COLOR                   | SM 18-19 3500-Pb D     | 9047               |
|                    | DCP-AES                 | ASTM D4190-94 & 99     | 2490               |
|                    | DCP-AES                 | AES 0029               | 2556               |
|                    | FAAS                    | ASTM D3559-96 & 03 (B) | 2235               |
|                    | FAAS                    | AOAC 974.27            | 2160               |
|                    | FAAS                    | EPA 7420               | 4030               |
|                    | FAAS                    | ASTM D3559-96 & 03 (A) | 2234               |
|                    | FAAS                    | SM 18-20 3111C (99)    | 9016               |
|                    | FAAS                    | USGS I-3399-85         | 2236               |
|                    | FAAS                    | SM 18-21 3111B (99)    | 9002               |
|                    | GFAAS                   | EPA 7421               | 4031               |
|                    | GFAAS                   | ASTM D3559-96 & 03 (D) | 2569               |
|                    | GFAAS                   | USGS I-4403-89         | 1098               |
|                    | GFAAS                   | EPA 200.9 Rev. 2.2     | 9102               |
|                    | GFAAS                   | SM 20 3500-Pb B (97)   | 1099               |
| GFAAS              | SM 18-19, 21 3113B (99) | 9003                   |                    |
| ICP-AES            | EPA 6010B               | 4065                   |                    |
| ICP-AES            | USGS I-4471-97          | 3112                   |                    |
| ICP-AES            | EPA 200.7 Rev. 4.4      | 2017                   |                    |

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| Analyte            | Technology              | Method Description    | ELAP Method Number  |      |
|--------------------|-------------------------|-----------------------|---------------------|------|
| <b>Lead, Total</b> | ICP-AES                 | SM 18-21 3120B (99)   | 2583                |      |
|                    | ICP-MS                  | EPA 200.8 Rev. 5.4    | 9103                |      |
|                    | ICP-MS                  | AOAC 993.14           | 9931                |      |
|                    | ICP-MS                  | ASTM D5673-03         | 5673                |      |
|                    | ICP-MS                  | USGS I-4472-97        | 3120                |      |
|                    | ICP-MS                  | EPA 6020              | 4082                |      |
|                    | PREP                    | EPA 3015              | 3015                |      |
|                    | PREP                    | EPA 4.1.4             | 2011                |      |
|                    | PREP                    | EPA 200.2             | 2650                |      |
|                    | PREP                    | EPA 3010A             | 4015                |      |
|                    | PREP                    | EPA 3005A             | 4016                |      |
|                    | PREP                    | EPA 3020A             | 4066                |      |
|                    | PREP                    | EPA 4.1.3             | 2010                |      |
|                    | <b>Magnesium, Total</b> | DCP-AES               | AES 0029            | 2556 |
|                    |                         | FAAS                  | SM 18-21 3111B (99) | 9002 |
| FAAS               |                         | USGS I-3447-85        | 2243                |      |
| FAAS               |                         | AOAC 974.27           | 2160                |      |
| FAAS               |                         | ASTM D511-93 & 03 (B) | 2081                |      |
| GRAV               |                         | SM 18-19 3500-Mg D    | 9048                |      |
| IC-COND            |                         | ASTM D6919-03         | 6919                |      |
| ICP-AES            |                         | EPA 200.7 Rev. 4.4    | 2017                |      |
| ICP-AES            |                         | SM 18-21 3120B (99)   | 2583                |      |

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| Analyte                 | Technology | Method Description      | ELAP Method Number |
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| <b>Magnesium, Total</b> | ICP-AES    | EPA 6010B               | 4065               |
|                         | ICP-AES    | USGS I-4471-97          | 3112               |
|                         | PREP       | EPA 4.1.4               | 2011               |
|                         | PREP       | EPA 3005A               | 4016               |
|                         | PREP       | EPA 200.2               | 2650               |
|                         | PREP       | EPA 4.1.3               | 2010               |
|                         | PREP       | EPA 3015                | 3015               |
|                         | PREP       | EPA 3010A               | 4015               |
| <b>Manganese, Total</b> | COLOR      | AOAC 920.203            | 2255               |
|                         | COLOR      | SM 20 3500-Mn B (99)    | 1130               |
|                         | COLOR      | SM 18-19 3500-Mn D      | 9049               |
|                         | COLOR      | HACH 8034               | 2256               |
|                         | DCP-AES    | ASTM D4190-94 & 99      | 2490               |
|                         | DCP-AES    | AES 0029                | 2556               |
|                         | FAAS       | ASTM D858-95 & 02 (A)   | 2570               |
|                         | FAAS       | SM 18-21 3111B (99)     | 9002               |
|                         | FAAS       | ASTM D858-95 & 02 (B)   | 2571               |
|                         | FAAS       | AOAC 974.27             | 2160               |
|                         | GFAAS      | ASTM D858-95 & 02 (C)   | 2572               |
|                         | GFAAS      | SM 18-19, 21 3113B (99) | 9003               |
|                         | GFAAS      | EPA 200.9 Rev. 2.2      | 9102               |
|                         | ICP-AES    | EPA 200.7 Rev. 4.4      | 2017               |

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| Analyte                 | Technology           | Method Description          | ELAP Method Number |
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| <b>Manganese, Total</b> | ICP-AES              | EPA 6010B                   | 4065               |
|                         | ICP-AES              | SM 18-21 3120B (99)         | 2583               |
|                         | ICP-AES              | USGS I-4471-97              | 3112               |
|                         | ICP-MS               | EPA 200.8 Rev. 5.4          | 9103               |
|                         | ICP-MS               | AOAC 993.14                 | 9931               |
|                         | ICP-MS               | ASTM D5673-03               | 5673               |
|                         | ICP-MS               | EPA 6020                    | 4082               |
|                         | ICP-MS               | USGS I-4472-97              | 3120               |
|                         | PREP                 | EPA 3015                    | 3015               |
|                         | PREP                 | EPA 4.1.3                   | 2010               |
|                         | PREP                 | EPA 4.1.4                   | 2011               |
|                         | PREP                 | EPA 200.2                   | 2650               |
|                         | PREP                 | EPA 3010A                   | 4015               |
|                         | PREP                 | EPA 3005A                   | 4016               |
|                         | <b>Nickel, Total</b> | COLOR                       | SM 17 3500-Ni D    |
| DCP-AES                 |                      | ASTM D4190-94 & 99          | 2490               |
| DCP-AES                 |                      | AES 0029                    | 2556               |
| FAAS                    |                      | SM 18-20 3111C (99)         | 9016               |
| FAAS                    |                      | ASTM D1886-90 & 94 & 98 (A) | 2268               |
| FAAS                    |                      | USGS I-3499-85              | 2270               |
| FAAS                    |                      | SM 18-21 3111B (99)         | 9002               |
| FAAS                    |                      | ASTM D1886-90 & 94 & 98 (B) | 2269               |

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| <b>Nickel, Total</b> | FAAS       | EPA 7520                    | 4032               |
|                      | GFAAS      | SM 18-19, 21 3113B (99)     | 9003               |
|                      | GFAAS      | EPA 7521                    | 4315               |
|                      | GFAAS      | ASTM D1886-90 & 94 & 98 (C) | 2575               |
|                      | GFAAS      | USGS I-4503-89              | 1132               |
|                      | GFAAS      | EPA 200.9 Rev. 2.2          | 9102               |
|                      | ICP-AES    | SM 18-21 3120B (99)         | 2583               |
|                      | ICP-AES    | EPA 6010B                   | 4065               |
|                      | ICP-AES    | USGS I-4471-97              | 3112               |
|                      | ICP-AES    | EPA 200.7 Rev. 4.4          | 2017               |
|                      | ICP-MS     | USGS I-4472-97              | 3120               |
|                      | ICP-MS     | EPA 200.8 Rev. 5.4          | 9103               |
|                      | ICP-MS     | AOAC 993.14                 | 9931               |
|                      | ICP-MS     | EPA 6020                    | 4082               |
|                      | ICP-MS     | ASTM D5673-03               | 5673               |
|                      | PREP       | EPA 4.1.4                   | 2011               |
|                      | PREP       | EPA 4.1.3                   | 2010               |
|                      | PREP       | EPA 3015                    | 3015               |
|                      | PREP       | EPA 3010A                   | 4015               |
|                      | PREP       | EPA 3005A                   | 4016               |
| PREP                 | EPA 3020A  | 4066                        |                    |
| PREP                 | EPA 200.2  | 2650                        |                    |

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| Analyte                 | Technology           | Method Description  | ELAP Method Number |
|-------------------------|----------------------|---------------------|--------------------|
| <b>Potassium, Total</b> | COLOR                | SM 14 317B p.235    | 2342               |
|                         | FAAS                 | SM 18-21 3111B (99) | 9002               |
|                         | FAAS                 | USGS I-3630-85      | 2338               |
|                         | FAAS                 | SM 18-19 3500-K D   | 9062               |
|                         | FAAS                 | AOAC 973.53         | 2339               |
|                         | F-HPC-QN             | SM 3500-K B (97)    | 1135               |
|                         | IC-COND              | ASTM D6919-03       | 6919               |
|                         | ICP-AES              | EPA 200.7 Rev. 4.4  | 2017               |
|                         | ICP-AES              | SM 18-21 3120B (99) | 2583               |
|                         | ICP-AES              | EPA 6010B           | 4065               |
|                         | PREP                 | EPA 3005A           | 4016               |
|                         | PREP                 | EPA 3015            | 3015               |
|                         | PREP                 | EPA 4.1.3           | 2010               |
|                         | PREP                 | EPA 4.1.4           | 2011               |
|                         | PREP                 | EPA 3010A           | 4015               |
|                         | PREP                 | EPA 200.2           | 2650               |
|                         | <b>Silver, Total</b> | DCP-AES             | AES 0029           |
| FAAS                    |                      | USGS I-3720-85      | 2480               |
| FAAS                    |                      | ANSI 1975,p.37      | 2072               |
| FAAS                    |                      | AOAC 974.27         | 2160               |
| FAAS                    |                      | SM 18-21 3111B (99) | 9002               |
| FAAS                    |                      | SM 18-20 3111C (99) | 9016               |

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| <b>Silver, Total</b> | FAAS                 | EPA 7760A               | 4036               |
|                      | GFAAS                | EPA 7761                | 1101               |
|                      | GFAAS                | EPA 200.9 Rev. 2.2      | 9102               |
|                      | GFAAS                | SM 18-19, 21 3113B (99) | 9003               |
|                      | GFAAS                | USGS I-4724-89          | 1136               |
|                      | ICP-AES              | EPA 6010B               | 4065               |
|                      | ICP-AES              | SM 18-21 3120B (99)     | 2583               |
|                      | ICP-AES              | EPA 200.7 Rev. 4.4      | 2017               |
|                      | ICP-AES              | USGS I-4471-97          | 3112               |
|                      | ICP-MS               | EPA 200.8 Rev. 5.4      | 9103               |
|                      | ICP-MS               | ASTM D5673-03           | 5673               |
|                      | ICP-MS               | EPA 6020                | 4082               |
|                      | ICP-MS               | AOAC 993.14             | 9931               |
|                      | ICP-MS               | USGS I-4472-97          | 3120               |
|                      | PREP                 | EPA 3015                | 3015               |
|                      | PREP                 | EPA 4.1.3               | 2010               |
|                      | PREP                 | EPA 4.1.4               | 2011               |
|                      | PREP                 | EPA 200.2               | 2650               |
|                      | PREP                 | EPA 3005A               | 4016               |
|                      | <b>Sodium, Total</b> | DCP-AES                 | AES 0029           |
| FAAS                 |                      | SM 20 3500-Na B (97)    | 1137               |
| FAAS                 |                      | SM 18-19 3500-Na D      | 9070               |

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| <b>Sodium, Total</b> | FAAS                    | USGS I-3735-85          | 2376               |
|                      | FAAS                    | SM 18-21 3111B (99)     | 9002               |
|                      | FAAS                    | AOAC 973.54             | 2377               |
|                      | IC-COND                 | ASTM D6919-03           | 6919               |
|                      | ICP-AES                 | USGS I-4471-97          | 3112               |
|                      | ICP-AES                 | EPA 6010B               | 4065               |
|                      | ICP-AES                 | EPA 200.7 Rev. 4.4      | 2017               |
|                      | ICP-AES                 | SM 18-21 3120B (99)     | 2583               |
|                      | PREP                    | EPA 3010A               | 4015               |
|                      | PREP                    | EPA 4.1.4               | 2011               |
|                      | PREP                    | EPA 4.1.3               | 2010               |
|                      | PREP                    | EPA 3015                | 3015               |
|                      | PREP                    | EPA 200.2               | 2650               |
|                      | PREP                    | EPA 3005A               | 4016               |
|                      | <b>Strontium, Total</b> | DCP-AES                 | AES 0029           |
| FAAS                 |                         | EPA 7780A               | 4035               |
| FAAS                 |                         | SM 18-20 3111C (99)     | 9016               |
| GFAAS                |                         | EPA 200.9 Rev. 2.2      | 9102               |
| GFAAS                |                         | SM 18-19, 21 3113B (99) | 9003               |
| ICP-AES              |                         | EPA 200.7 Rev. 4.4      | 2017               |
| ICP-AES              |                         | SM 18-21 3120B (99)     | 2583               |
| ICP-AES              |                         | EPA 6010B               | 4065               |

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| <b>Strontium, Total</b> | ICP-MS     | EPA 200.8 Rev. 5.4 | 9103               |
|                         | ICP-MS     | EPA 6020           | 4082               |
|                         | ICP-MS     | USGS I-4472-97     | 3120               |
|                         | PREP       | EPA 3010A          | 4015               |
|                         | PREP       | EPA 200.2          | 2650               |
|                         | PREP       | EPA 3005A          | 4016               |

***Wastewater Metals II***

| Analyte                | Technology | Method Description      | ELAP Method Number |
|------------------------|------------|-------------------------|--------------------|
| <b>Aluminum, Total</b> | COLOR      | SM 20 3500 Al-B (01)    | 1067               |
|                        | COLOR      | SM 18-19 3500-A D       | 9004               |
|                        | DCP-AES    | AES 0029                | 2556               |
|                        | DCP-AES    | ASTM D4190-94 & 99      | 2490               |
|                        | FAAS       | USGS I-3051-85          | 2014               |
|                        | FAAS       | EPA 7020                | 7020               |
|                        | FAAS       | SM 18-21 3111B (99)     | 9002               |
|                        | FAAS       | SM 18-19, 21 3111D (99) | 9073               |
|                        | GFAAS      | EPA 200.9 Rev. 2.2      | 9102               |
|                        | GFAAS      | SM 18-19, 21 3113B (99) | 9003               |
|                        | ICP-AES    | EPA 200.7 Rev. 4.4      | 2017               |
|                        | ICP-AES    | SM 18-21 3120B (99)     | 2583               |
|                        | ICP-AES    | USGS I-4471-97          | 3112               |
|                        | ICP-AES    | EPA 6010B               | 4065               |

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|------------------------|------------------------|-------------------------|---------------------|------|
| <b>Aluminum, Total</b> | ICP-MS                 | USGS I-4472-97          | 3120                |      |
|                        | ICP-MS                 | ASTM D5673-03           | 5673                |      |
|                        | ICP-MS                 | EPA 200.8 Rev. 5.4      | 9103                |      |
|                        | ICP-MS                 | AOAC 993.14             | 9931                |      |
|                        | ICP-MS                 | EPA 6020                | 4082                |      |
|                        | PREP                   | EPA 4.1.3               | 2010                |      |
|                        | PREP                   | EPA 3005A               | 4016                |      |
|                        | PREP                   | EPA 3010A               | 4015                |      |
|                        | PREP                   | EPA 4.1.4               | 2011                |      |
|                        | PREP                   | EPA 3015                | 3015                |      |
|                        | PREP                   | EPA 200.2               | 2650                |      |
|                        | <b>Antimony, Total</b> | FAAS                    | EPA 7040            | 4019 |
|                        |                        | FAAS                    | SM 18-21 3111B (99) | 9002 |
| FAAS                   |                        | EPA 204.1               | 2036                |      |
| GFAAS                  |                        | SM 18-19, 21 3113B (99) | 9003                |      |
| GFAAS                  |                        | EPA 204.2               | 2038                |      |
| GFAAS                  |                        | EPA 200.9 Rev. 2.2      | 9102                |      |
| GFAAS                  |                        | EPA 7041                | 4020                |      |
| HGAAS                  |                        | EPA 7062                | 4083                |      |
| ICP-AES                |                        | EPA 6010B               | 4065                |      |
| ICP-AES                |                        | EPA 200.7 Rev. 4.4      | 2017                |      |
| ICP-AES                | SM 18-21 3120B (99)    | 2583                    |                     |      |

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| <b>Antimony, Total</b> | ICP-MS                  | EPA 200.8 Rev. 5.4      | 9103               |
|                        | ICP-MS                  | AOAC 993.14             | 9931               |
|                        | ICP-MS                  | ASTM D5673-03           | 5673               |
|                        | ICP-MS                  | USGS I-4472-97          | 3120               |
|                        | ICP-MS                  | EPA 6020                | 4082               |
|                        | PREP                    | EPA 4.1.3               | 2010               |
|                        | PREP                    | EPA 3015                | 3015               |
|                        | PREP                    | EPA 4.1.4               | 2011               |
|                        | PREP                    | EPA 200.2               | 2650               |
|                        | PREP                    | EPA 3005A               | 4016               |
| <b>Arsenic, Total</b>  | ASV                     | EPA 7063                | 4312               |
|                        | COLOR                   | SM 18-19 3500-As C      | 1069               |
|                        | COLOR                   | SM 20 3500-As B (97)    | 1070               |
|                        | COLOR                   | ASTM D2972-97 & 03 (A)  | 2047               |
|                        | COLOR                   | USGS I-3060-85          | 2048               |
|                        | GFAAS                   | USGS I-4063-98          | 3103               |
|                        | GFAAS                   | EPA 200.9 Rev. 2.2      | 9102               |
|                        | GFAAS                   | EPA 7060A               | 4021               |
|                        | GFAAS                   | ASTM D2972-97& 03 (C)   | 2552               |
|                        | GFAAS                   | SM 18-19, 21 3113B (99) | 9003               |
| HGAAS                  | USGS I-3062-85          | 2043                    |                    |
| HGAAS                  | SM 18-19, 21 3114B (97) | 2473                    |                    |

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| <b>Arsenic, Total</b> | HGAAS                   | ASTM D2972-97 & 03(B) | 2042               |      |
|                       | HGAAS                   | EPA 7061A             | 4022               |      |
|                       | HGAAS                   | EPA 206.5             | 2039               |      |
|                       | HGAAS                   | EPA 7062              | 4083               |      |
|                       | ICP-AES                 | EPA 200.7 Rev. 4.4    | 2017               |      |
|                       | ICP-AES                 | SM 18-21 3120B (99)   | 2583               |      |
|                       | ICP-AES                 | EPA 6010B             | 4065               |      |
|                       | ICP-MS                  | AOAC 993.14           | 9931               |      |
|                       | ICP-MS                  | EPA 6020              | 4082               |      |
|                       | ICP-MS                  | EPA 200.8 Rev. 5.4    | 9103               |      |
|                       | ICP-MS                  | ASTM D5673-03         | 5673               |      |
|                       | PREP                    | EPA 3015              | 3015               |      |
|                       | PREP                    | EPA 206.5             | 1068               |      |
|                       | PREP                    | EPA 4.1.3             | 2010               |      |
|                       | PREP                    | EPA 4.1.4             | 2011               |      |
|                       | PREP                    | EPA 3005A             | 4016               |      |
|                       | PREP                    | EPA 3010A             | 4015               |      |
|                       | PREP                    | EPA 200.2             | 2650               |      |
|                       | <b>Beryllium, Total</b> | COLOR                 | SM 18-19 3500-Be-D | 9012 |
|                       |                         | DCP-AES               | ASTM D4190-94 & 99 | 2490 |
| DCP-AES               |                         | AES 0029              | 2556               |      |
| FAAS                  |                         | EPA 7090              | 7090               |      |

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| <b>Beryllium, Total</b> | FAAS       | USGS I-3095-85              | 2054               |
|                         | FAAS       | SM 18-19, 21 3111D (99)     | 9073               |
|                         | FAAS       | ASTM D3645-93 (88) & 03 (A) | 2053               |
|                         | FAAS       | SM 18-21 3111B (99)         | 9002               |
|                         | GFAAS      | ASTM D3645-93 (88) & 03 (B) | 2555               |
|                         | GFAAS      | SM 18-19, 21 3113B (99)     | 9003               |
|                         | GFAAS      | EPA 7091                    | 7091               |
|                         | GFAAS      | EPA 200.9 Rev. 2.2          | 9102               |
|                         | ICP-AES    | EPA 6010B                   | 4065               |
|                         | ICP-AES    | EPA 200.7 Rev. 4.4          | 2017               |
|                         | ICP-AES    | USGS I-4471-97              | 3112               |
|                         | ICP-AES    | SM 18-21 3120B (99)         | 2583               |
|                         | ICP-MS     | EPA 200.8 Rev. 5.4          | 9103               |
|                         | ICP-MS     | EPA 6020                    | 4082               |
|                         | ICP-MS     | USGS I-4472-97              | 3120               |
|                         | ICP-MS     | ASTM D5673-03               | 5673               |
|                         | ICP-MS     | AOAC 993.14                 | 9931               |
|                         | PREP       | EPA 4.1.4                   | 2011               |
|                         | PREP       | EPA 3020A                   | 4066               |
|                         | PREP       | EPA 3005A                   | 4016               |
| PREP                    | EPA 200.2  | 2650                        |                    |
| PREP                    | EPA 4.1.3  | 2010                        |                    |

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| <b>Beryllium, Total</b> | PREP       | EPA 3015                | 3015               |
|                         | PREP       | EPA 3010A               | 4015               |
| <b>Chromium VI</b>      | AUTO       | LACHAT 10-124-13-1-A    | 9035               |
|                         | COLOR      | USGS I-1230-85          | 2131               |
|                         | COLOR      | SM 18-19 3500-Cr D      | 5117               |
|                         | COLOR      | ASTM D1687-92 & 02 (A)  | 2559               |
|                         | COLOR      | EPA 7196A               | 4068               |
|                         | COLOR      | SM 20 3500-Cr B (01)    | 5116               |
|                         | DPP        | EPA 7198                | 4067               |
|                         | FAAS       | EPA 7195                | 4028               |
|                         | FAAS       | SM 18-19 3111C (99)     | 1081               |
|                         | FAAS       | EPA 7197                | 4029               |
|                         | FAAS       | USGS I-1232-85          | 2130               |
|                         | GFAAS      | EPA 7191                | 4026               |
|                         | IC         | SM 20 3500-Cr C (01)    | 1083               |
|                         | IC         | ASTM D5257-97           | 1084               |
|                         | IC         | AOAC 993.23             | 1085               |
|                         | IC         | EPA 218.6 Rev. 3.3      | 2651               |
| IC                      | EPA 7199   | 4313                    |                    |
| <b>Mercury, Total</b>   | IC         | SM 18-19 3500-Cr E      | 1082               |
|                         | ASV        | EPA 7472                | 4314               |
|                         | CVAAS      | SM 18-19, 20 3112B (99) | 9050               |

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| <b>Mercury, Total</b> | CVAAS                  | EPA 245.2 Rev. 1974     | 2263               |
|                       | CVAAS                  | USGS I-3462-85          | 2261               |
|                       | CVAAS                  | EPA 7473                | 7473               |
|                       | CVAAS                  | AOAC 977.22             | 2262               |
|                       | CVAAS                  | ASTM D3223-97 & 02      | 2260               |
|                       | CVAAS                  | EPA 245.1 Rev. 3.0      | 2258               |
|                       | CVAAS                  | EPA 7470A               | 4038               |
|                       | CVAFS                  | EPA 1631E               | 1631               |
|                       | CVAFS                  | EPA 245.7 Rev. 2.0      | 1131               |
|                       | CVAFS                  | USGS I-4464-01          | 3104               |
|                       | ICP-MS                 | EPA 6020                | 4082               |
|                       | ICP-MS                 | EPA 200.8 Rev. 5.4      | 9103               |
|                       | <b>Selenium, Total</b> | GFAAS                   | USGS I-4668-98     |
| GFAAS                 |                        | EPA 200.9 Rev. 2.2      | 9102               |
| GFAAS                 |                        | ASTM D3859-98 & 03 (B)  | 1605               |
| GFAAS                 |                        | EPA 7740                | 4037               |
| GFAAS                 |                        | SM 18-19, 21 3113B (99) | 9003               |
| HGAAS                 |                        | EPA 7741A               | 4034               |
| HGAAS                 |                        | EPA 7742                | 4085               |
| HGAAS                 |                        | ASTM D3859-98 & 03 (A)  | 2363               |
| HGAAS                 |                        | USGS I-3667-85          | 2364               |
| HGAAS                 |                        | SM 18-19, 21 3114B (97) | 2473               |

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| <b>Selenium, Total</b> | ICP-AES                | EPA 6010B               | 4065                |
|                        | ICP-AES                | SM 18-21 3120B (99)     | 2583                |
|                        | ICP-AES                | EPA 200.7 Rev. 4.4      | 2017                |
|                        | ICP-MS                 | EPA 6020                | 4082                |
|                        | ICP-MS                 | USGS I-4472-97          | 3120                |
|                        | ICP-MS                 | ASTM D5673-03           | 5673                |
|                        | ICP-MS                 | AOAC 993.14             | 9931                |
|                        | ICP-MS                 | EPA 200.8 Rev. 5.4      | 9103                |
|                        | PREP                   | EPA 3010A               | 4015                |
|                        | PREP                   | EPA 3005A               | 4016                |
|                        | PREP                   | EPA 200.2               | 2650                |
|                        | PREP                   | EPA 4.1.4               | 2011                |
|                        | PREP                   | EPA 4.1.3               | 2010                |
|                        | PREP                   | EPA 3015                | 3015                |
|                        | <b>Vanadium, Total</b> | COLOR                   | SM 20 3500-V B (97) |
| COLOR                  |                        | SM 18-19 3500-V D       | 9080                |
| DCP-AES                |                        | AES 0029                | 2556                |
| DCP-AES                |                        | ASTM D4190-94 & 99      | 2490                |
| FAAS                   |                        | SM 18-19, 21 3111D (99) | 9073                |
| ICP-AES                |                        | EPA 200.7 Rev. 4.4      | 2017                |
| ICP-AES                |                        | SM 18-21 3120B (99)     | 2583                |
| ICP-AES                |                        | EPA 6010B               | 4065                |

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| <b>Vanadium, Total</b> | ICP-AES            | USGS I-4471-97         | 3112               |
|                        | ICP-MS             | EPA 200.8 Rev. 5.4     | 9103               |
|                        | ICP-MS             | AOAC 993.14            | 9931               |
|                        | ICP-MS             | EPA 6020               | 4082               |
|                        | ICP-MS             | ASTM D5673-03          | 5673               |
|                        | PREP               | EPA 4.1.3              | 2010               |
|                        | PREP               | EPA 4.1.4              | 2011               |
|                        | PREP               | EPA 200.2              | 2650               |
|                        | PREP               | EPA 3010A              | 4015               |
|                        | PREP               | EPA 3005A              | 4016               |
|                        | PREP               | EPA 3020A              | 4066               |
|                        | PREP               | EPA 3015               | 3015               |
|                        | <b>Zinc, Total</b> | COLOR                  | HACH 8009          |
| COLOR                  |                    | SM 18-19 3500-Zn E     | 9067               |
| COLOR                  |                    | SM 18-19 3500-Zn F     | 9045               |
| COLOR                  |                    | SM 20 3500-Zn B (97)   | 1141               |
| DCP-AES                |                    | ASTM D4190-94 & 99     | 2490               |
| DCP-AES                |                    | AES 0029               | 2556               |
| FAAS                   |                    | EPA 7951               | 7951               |
| FAAS                   |                    | EPA 7950               | 7950               |
| FAAS                   |                    | ASTM D1691-95 & 02 (A) | 2424               |
| FAAS                   |                    | SM 18-21 3111B (99)    | 9002               |

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| Analyte            | Technology | Method Description     | ELAP Method Number |
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| <b>Zinc, Total</b> | FAAS       | ANSI 1975,p.37         | 2072               |
|                    | FAAS       | USGS I-3900-85         | 2425               |
|                    | FAAS       | ASTM D1691-95 & 02 (B) | 2428               |
|                    | FAAS       | SM 18-20 3111C (99)    | 9016               |
|                    | FAAS       | AOAC 974.27            | 2160               |
|                    | GFAAS      | EPA 289.2 Rev. 1978    | 2427               |
|                    | ICP-AES    | EPA 200.7 Rev. 4.4     | 2017               |
|                    | ICP-AES    | SM 18-21 3120B (99)    | 2583               |
|                    | ICP-AES    | EPA 6010B              | 4065               |
|                    | ICP-AES    | USGS I-4471-97         | 3112               |
|                    | ICP-MS     | USGS I-4472-97         | 3120               |
|                    | ICP-MS     | EPA 200.8 Rev. 5.4     | 9103               |
|                    | ICP-MS     | AOAC 993.14            | 9931               |
|                    | ICP-MS     | EPA 6020               | 4082               |
|                    | ICP-MS     | ASTM D5673-03          | 5673               |
|                    | PREP       | EPA 3015               | 3015               |
|                    | PREP       | EPA 4.1.4              | 2011               |
|                    | PREP       | EPA 4.1.3              | 2010               |
|                    | PREP       | EPA 200.2              | 2650               |
|                    | PREP       | EPA 3010A              | 4015               |
| PREP               | EPA 3005A  | 4016                   |                    |

|   |                           |                          |                          |
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**Wastewater Metals III**

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|----------------------|--------------------|-------------------------|--------------------|
| <b>Cobalt, Total</b> | DCP-AES            | AES 0029                | 2556               |
|                      | DCP-AES            | ASTM D4190-94 & 99      | 2490               |
|                      | FAAS               | SM 18-21 3111B (99)     | 9002               |
|                      | FAAS               | EPA 7200                | 7200               |
|                      | FAAS               | SM 18-20 3111C (99)     | 9016               |
|                      | FAAS               | ASTM D3558-94 & 03 (B)  | 2562               |
|                      | FAAS               | USGS I-3239-85          | 2145               |
|                      | FAAS               | ASTM D3558-94 & 03 (A)  | 2561               |
|                      | FAAS               | ANSI 1975,p.37          | 2072               |
|                      | GFAAS              | ASTM D3558-94 & 03 (C)  | 2565               |
|                      | GFAAS              | EPA 200.9 Rev. 2.2      | 9102               |
|                      | GFAAS              | EPA 7201                | 7201               |
|                      | GFAAS              | SM 18-19, 21 3113B (99) | 9003               |
|                      | ICP-AES            | USGS I-4471-97          | 3112               |
|                      | ICP-AES            | EPA 200.7 Rev. 4.4      | 2017               |
|                      | ICP-AES            | SM 18-21 3120B (99)     | 2583               |
|                      | ICP-AES            | EPA 6010B               | 4065               |
|                      | ICP-MS             | EPA 6020                | 4082               |
|                      | ICP-MS             | ASTM D5673-03           | 5673               |
|                      | ICP-MS             | AOAC 993.14             | 9931               |
| ICP-MS               | EPA 200.8 Rev. 5.4 | 9103                    |                    |
| ICP-MS               | USGS I-4472-97     | 3120                    |                    |

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**Wastewater Metals III**

| Analyte                  | Technology     | Method Description        | ELAP Method Number |
|--------------------------|----------------|---------------------------|--------------------|
| <b>Cobalt, Total</b>     | PREP           | EPA 3015                  | 3015               |
|                          | PREP           | EPA 4.1.3                 | 2010               |
|                          | PREP           | EPA 4.1.4                 | 2011               |
|                          | PREP           | EPA 200.2                 | 2650               |
|                          | PREP           | EPA 3005A                 | 4016               |
|                          | PREP           | EPA 3010A                 | 4015               |
|                          | PREP           | EPA 3020A                 | 4066               |
| <b>Gold, Total</b>       | DCP-AES        | AES 0029                  | 2556               |
|                          | FAAS           | SM 18-21 3111B (99)       | 9002               |
|                          | <b>ICP-AES</b> | <b>EPA 200.7 Rev. 4.4</b> | <b>2017</b>        |
|                          | PREP           | EPA 4.1.3                 | 2010               |
| <b>Molybdenum, Total</b> | PREP           | EPA 4.1.4                 | 2011               |
|                          | DCP-AES        | AES 0029                  | 2556               |
|                          | FAAS           | SM 18-19, 21 3111D (99)   | 9073               |
|                          | FAAS           | USGS I-3490-85            | 2265               |
|                          | FAAS           | SM 18-21 3111B (99)       | 9002               |
|                          | GFAAS          | SM 18-19, 21 3113B (99)   | 9003               |
|                          | GFAAS          | USGS I-3492-96            | 3492               |
|                          | ICP-AES        | SM 18-21 3120B (99)       | 2583               |
|                          | ICP-AES        | EPA 6010B                 | 4065               |
|                          | ICP-AES        | USGS I-4471-97            | 3112               |
|                          | ICP-AES        | EPA 200.7 Rev. 4.4        | 2017               |

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**Wastewater Metals III**

| Analyte                  | Technology              | Method Description        | ELAP Method Number |
|--------------------------|-------------------------|---------------------------|--------------------|
| <b>Molybdenum, Total</b> | ICP-MS                  | USGS I-4472-97            | 3120               |
|                          | ICP-MS                  | EPA 200.8 Rev. 5.4        | 9103               |
|                          | ICP-MS                  | ASTM D5673-03             | 5673               |
|                          | ICP-MS                  | EPA 6020                  | 4082               |
|                          | ICP-MS                  | AOAC 993.14               | 9931               |
|                          | PREP                    | EPA 3015                  | 3015               |
|                          | PREP                    | EPA 4.1.3                 | 2010               |
|                          | PREP                    | EPA 4.1.4                 | 2011               |
|                          | PREP                    | EPA 200.2                 | 2650               |
|                          | PREP                    | EPA 3010A                 | 4015               |
|                          | PREP                    | EPA 3005A                 | 4016               |
|                          | PREP                    | EPA 3020A                 | 4066               |
|                          | <b>Palladium, Total</b> | DCP-AES                   | AES 0029           |
| FAAS                     |                         | SM 15 p.S27               | 2318               |
| FAAS                     |                         | SM 18-21 3111B (99)       | 9002               |
| GFAAS                    |                         | EPA 255.2                 | 2336               |
| GFAAS                    |                         | EPA 253.2 Rev. 1978       | 2319               |
| GFAAS                    |                         | SM 15 p.S28               | 2320               |
| <b>ICP-AES</b>           |                         | <b>EPA 200.7 Rev. 4.4</b> | <b>2017</b>        |
| PREP                     |                         | EPA 4.1.4                 | 2011               |
| PREP                     |                         | EPA 4.1.3                 | 2010               |
| <b>Platinum, Total</b>   |                         | DCP-AES                   | AES 0029           |

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**Wastewater Metals III**

| Analyte                | Technology     | Method Description        | ELAP Method Number |
|------------------------|----------------|---------------------------|--------------------|
| <b>Platinum, Total</b> | FAAS           | SM 18-21 3111B (99)       | 9002               |
|                        | GFAAS          | EPA 255.2                 | 2336               |
|                        | <b>ICP-AES</b> | <b>EPA 200.7 Rev. 4.4</b> | <b>2017</b>        |
|                        | PREP           | EPA 4.1.4                 | 2011               |
|                        | PREP           | EPA 4.1.3                 | 2010               |
| <b>Thallium, Total</b> | FAAS           | SM 18-21 3111B (99)       | 9002               |
|                        | GFAAS          | EPA 200.9 Rev. 2.2        | 9102               |
|                        | GFAAS          | EPA 279.2 Rev. 1978       | 2408               |
|                        | GFAAS          | SM 18-19, 21 3113B (99)   | 9003               |
|                        | GFAAS          | EPA 7841                  | 7841               |
|                        | ICP-AES        | EPA 6010B                 | 4065               |
|                        | ICP-AES        | SM 18-21 3120B (99)       | 2583               |
|                        | ICP-AES        | EPA 200.7 Rev. 4.4        | 2017               |
|                        | ICP-MS         | USGS I-4472-97            | 3120               |
|                        | ICP-MS         | EPA 200.8 Rev. 5.4        | 9103               |
|                        | ICP-MS         | AOAC 993.14               | 9931               |
|                        | ICP-MS         | ASTM D5673-03             | 5673               |
|                        | ICP-MS         | EPA 6020                  | 4082               |
|                        | PREP           | EPA 4.1.3                 | 2010               |
|                        | PREP           | EPA 3015                  | 3015               |
| PREP                   | EPA 4.1.4      | 2011                      |                    |
| PREP                   | EPA 200.2      | 2650                      |                    |

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**Wastewater Metals III**

| Analyte                | Technology | Method Description      | ELAP Method Number |
|------------------------|------------|-------------------------|--------------------|
| <b>Thallium, Total</b> | PREP       | EPA 3020A               | 4066               |
|                        | PREP       | EPA 3010A               | 4015               |
|                        | PREP       | EPA 3005A               | 4016               |
| <b>Tin, Total</b>      | DCP-AES    | AES 0029                | 2556               |
|                        | FAAS       | SM 18-21 3111B (99)     | 9002               |
|                        | FAAS       | USGS I-3850-78          | 2410               |
|                        | GFAAS      | EPA 200.9 Rev. 2.2      | 9102               |
|                        | GFAAS      | SM 18-19, 21 3113B (99) | 9003               |
|                        | ICP-AES    | EPA 6010B               | 4065               |
|                        | ICP-AES    | EPA 200.7 Rev. 4.4      | 2017               |
|                        | ICP-AES    | SM 18-21 3120B (99)     | 2583               |
|                        | PREP       | EPA 200.2               | 2650               |
|                        | PREP       | EPA 3020A               | 4066               |
|                        | PREP       | EPA 3005A               | 4016               |
|                        | PREP       | EPA 3010A               | 4015               |
|                        | PREP       | EPA 4.1.4               | 2011               |
|                        | PREP       | EPA 4.1.3               | 2010               |
|                        | PREP       | EPA 3015                | 3015               |
| <b>Titanium, Total</b> | DCP-AES    | AES 0029                | 2556               |
|                        | FAAS       | SM 18-19, 21 3111D (99) | 9073               |
|                        | GFAAS      | EPA 283.2 Rev. 1978     | 2413               |
|                        | ICP-AES    | EPA 6010B               | 4065               |

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**Wastewater Metals III**

| Analyte                | Technology | Method Description  | ELAP Method Number |
|------------------------|------------|---------------------|--------------------|
| <b>Titanium, Total</b> | ICP-AES    | EPA 200.7 Rev. 4.4  | 2017               |
|                        | ICP-AES    | SM 18-21 3120B (99) | 2583               |
|                        | PREP       | EPA 4.1.4           | 2011               |
|                        | PREP       | EPA 3010A           | 4015               |
|                        | PREP       | EPA 3005A           | 4016               |
|                        | PREP       | EPA 3015            | 3015               |
|                        | PREP       | EPA 4.1.3           | 2010               |
|                        | PREP       | EPA 3020A           | 4066               |
|                        | PREP       | EPA 200.2           | 2650               |
| <b>Uranium (Mass)</b>  | ICP-AES    | EPA 200.7 Rev. 4.4  | 2017               |
|                        | ICP-AES    | EPA 6010B           | 4065               |
|                        | ICP-MS     | EPA 200.8 Rev. 5.4  | 9103               |
|                        | ICP-MS     | EPA 6020            | 4082               |

**Acrylates**

| Analyte                    | Technology | Method Description | ELAP Method Number |
|----------------------------|------------|--------------------|--------------------|
| <b>Acrolein (Propenal)</b> | GC-FID     | EPA 8015 B         | 9994               |
|                            | GC-FID     | EPA 603            | 5039               |
|                            | GC-HRMS    | EPA 1624B          | 5037               |
|                            | GC-MS      | EPA 8260B          | 4094               |
|                            | GC-MS      | EPA 624            | 5036               |
|                            | HPLC-UV    | EPA 8316           | 4093               |
|                            | PREP       | EPA 5030B          | 4058               |

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**Acrylates**

| Analyte                     | Technology | Method Description | ELAP Method Number |
|-----------------------------|------------|--------------------|--------------------|
| <b>Acrylonitrile</b>        | GC-FID     | EPA 8015 B         | 9994               |
|                             | GC-FID     | EPA 603            | 5039               |
|                             | GC-HRMS    | EPA 1624B          | 5037               |
|                             | GC-MS      | EPA 624            | 5036               |
|                             | GC-MS      | EPA 8260B          | 4094               |
|                             | GC-MS      | USGS O-4127-96     | 3106               |
|                             | HPLC-UV    | EPA 8316           | 4093               |
|                             | PREP       | EPA 5030B          | 4058               |
| <b>Ethyl methacrylate</b>   | GC-MS      | EPA 8260B          | 4094               |
| <b>Methyl acrylonitrile</b> | GC-MS      | EPA 8260B          | 4094               |
| <b>Methyl methacrylate</b>  | GC-MS      | EPA 8260B          | 4094               |

**Benzidines**

| Analyte                       | Technology | Method Description | ELAP Method Number |
|-------------------------------|------------|--------------------|--------------------|
| <b>Benzidine</b>              | GC-ECD     | EPA 1978 P.1       | 5045               |
|                               | GC-MS      | EPA 1625B          | 5030               |
|                               | GC-MS      | EPA 625            | 5005               |
|                               | GC-MS      | EPA 8270C          | 5056               |
|                               | HPLC-EC    | EPA 605            | 5041               |
|                               | HPLC-PBMS  | EPA 8325           | 8325               |
|                               | PREP       | EPA 3520C          | 4053               |
|                               | PREP       | EPA 3510C          | 4052               |
| <b>3,3'-Dichlorobenzidine</b> | GC-MS      | EPA 1625B          | 5030               |

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***Benzidines***

| Analyte                       | Technology | Method Description  | ELAP Method Number |
|-------------------------------|------------|---------------------|--------------------|
| <b>3,3'-Dichlorobenzidine</b> | GC-MS      | SM 18-20 6410B (00) | 5200               |
|                               | GC-MS      | EPA 625             | 5005               |
|                               | GC-MS      | EPA 8270C           | 5056               |
|                               | HPLC-EC    | EPA 605             | 5041               |
|                               | PREP       | EPA 3510C           | 4052               |
|                               | PREP       | EPA 3520C           | 4053               |
| <b>3,3'-Dimethylbenzidine</b> | GC-MS      | EPA 8270C           | 5056               |
|                               | HPLC-PBMS  | EPA 8325            | 8325               |

***Chlorinated Hydrocarbons***

| Analyte                    | Technology | Method Description  | ELAP Method Number |
|----------------------------|------------|---------------------|--------------------|
| <b>1-Chloronaphthalene</b> | GC-MS      | EPA 8275            | 8275               |
|                            | GC-MS      | EPA 8270C           | 5056               |
| <b>2-Chloronaphthalene</b> | GC-ECD     | EPA 8121            | 4097               |
|                            | GC-ECD     | EPA 612             | 5043               |
|                            | GC-MS      | EPA 625             | 5005               |
|                            | GC-MS      | SM 18-20 6410B (00) | 5200               |
|                            | GC-MS      | EPA 1625B           | 5030               |
|                            | GC-MS      | EPA 8270C           | 5056               |
| <b>Hexachlorobenzene</b>   | PREP       | EPA 3510C           | 4052               |
|                            | PREP       | EPA 3520C           | 4053               |
|                            | GC-ECD     | EPA 8121            | 4097               |
|                            | GC-ECD     | EPA 8081A           | 4048               |

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**Chlorinated Hydrocarbons**

| Analyte                    | Technology              | Method Description  | ELAP Method Number |      |
|----------------------------|-------------------------|---------------------|--------------------|------|
| <b>Hexachlorobenzene</b>   | GC-ECD                  | EPA 612             | 5043               |      |
|                            | GC-MS                   | EPA 1625B           | 5030               |      |
|                            | GC-MS                   | EPA 8270C           | 5056               |      |
|                            | GC-MS                   | SM 18-20 6410B (00) | 5200               |      |
|                            | GC-MS                   | EPA 625             | 5005               |      |
|                            | PREP                    | EPA 3510C           | 4052               |      |
|                            | PREP                    | EPA 3520C           | 4053               |      |
| <b>Hexachlorobutadiene</b> | GC-ECD                  | EPA 612             | 5043               |      |
|                            | GC-ECD                  | EPA 8121            | 4097               |      |
|                            | GCELCD/PID              | EPA 8021B           | 4095               |      |
|                            | GC-MS                   | EPA 625             | 5005               |      |
|                            | GC-MS                   | EPA 1625B           | 5030               |      |
|                            | GC-MS                   | EPA 8270C           | 5056               |      |
|                            | GC-MS                   | EPA 8260B           | 4094               |      |
|                            | GC-MS                   | SM 18-20 6410B (00) | 5200               |      |
|                            | PREP                    | EPA 5030B           | 4058               |      |
|                            | PREP                    | EPA 3510C           | 4052               |      |
|                            | PREP                    | EPA 3520C           | 4053               |      |
|                            | <b>Hexachloroethane</b> | GC-ECD              | EPA 8121           | 4097 |
|                            |                         | GC-ECD              | EPA 612            | 5043 |
| GC-MS                      |                         | EPA 8270C           | 5056               |      |
| GC-MS                      |                         | SM 18-20 6410B (00) | 5200               |      |

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**Chlorinated Hydrocarbons**

| Analyte                          | Technology                | Method Description  | ELAP Method Number |      |
|----------------------------------|---------------------------|---------------------|--------------------|------|
| <b>Hexachloroethane</b>          | GC-MS                     | EPA 1625B           | 5030               |      |
|                                  | GC-MS                     | EPA 625             | 5005               |      |
|                                  | PREP                      | EPA 3520C           | 4053               |      |
|                                  | PREP                      | EPA 3510C           | 4052               |      |
| <b>Hexachlorocyclopentadiene</b> | GC-ECD                    | EPA 8121            | 4097               |      |
|                                  | GC-ECD                    | EPA 8081A           | 4048               |      |
|                                  | GC-ECD                    | EPA 612             | 5043               |      |
|                                  | GC-MS                     | EPA 1625B           | 5030               |      |
|                                  | GC-MS                     | EPA 8270C           | 5056               |      |
|                                  | GC-MS                     | SM 18-20 6410B (00) | 5200               |      |
|                                  | GC-MS                     | EPA 625             | 5005               |      |
|                                  | PREP                      | EPA 3510C           | 4052               |      |
|                                  | PREP                      | EPA 3520C           | 4053               |      |
|                                  | <b>Hexachloropropene</b>  | GC-MS               | EPA 8270C          | 5056 |
|                                  | <b>Pentachlorobenzene</b> | GC-ECD              | EPA 8121           | 4097 |
| <b>1,2,4-Trichlorobenzene</b>    | GC-MS                     | EPA 8270C           | 5056               |      |
|                                  | GC-ECD                    | EPA 612             | 5043               |      |
|                                  | GC-ECD                    | EPA 8121            | 4097               |      |
|                                  | GC-ELCD                   | EPA 1978 p. 130     | 5301               |      |
|                                  | GCELCD/PID                | EPA 8021B           | 4095               |      |
|                                  | GC-MS                     | EPA 625             | 5005               |      |
|                                  | GC-MS                     | EPA 8260B           | 4094               |      |

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***Chlorinated Hydrocarbons***

| Analyte                           | Technology | Method Description  | ELAP Method Number |
|-----------------------------------|------------|---------------------|--------------------|
| <b>1,2,4-Trichlorobenzene</b>     | GC-MS      | EPA 8270C           | 5056               |
|                                   | GC-MS      | SM 18-20 6410B (00) | 5200               |
|                                   | GC-MS      | EPA 1625B           | 5030               |
|                                   | PREP       | EPA 5030B           | 4058               |
|                                   | PREP       | EPA 3510C           | 4052               |
|                                   | PREP       | EPA 3520C           | 4053               |
| <b>1,2,3-Trichlorobenzene</b>     | GC-ECD     | EPA 8121            | 4097               |
|                                   | GC-ELCD    | SM 18-19 6230B      | 5304               |
|                                   | GCELCD/PID | EPA 8021B           | 4095               |
|                                   | GC-MS      | EPA 8260B           | 4094               |
| <b>1,2,4,5-Tetrachlorobenzene</b> | GC-MS      | EPA 1625B           | 5030               |
|                                   | GC-ECD     | EPA 8121            | 4097               |
|                                   | GC-MS      | EPA 8270C           | 5056               |

***Dioxins***

| Analyte                                    | Technology | Method Description | ELAP Method Number |
|--|------------|--------------------|--------------------|
| <b>2,3,7,8-Tetrachlorodibenzo-p-dioxin</b> | GC-HRMS    | EPA 1613B          | 9092               |
|  | GC-MS      | EPA 613            | 5051               |

***Haloethers***

| Analyte                        | Technology | Method Description  | ELAP Method Number |
|--------------------------------|------------|---------------------|--------------------|
| <b>Bis(2-chloroethyl)ether</b> | GC-ECD     | EPA 611             | 5034               |
|                                | GC-ECD     | EPA 8121            | 4097               |
|                                | GC-MS      | SM 18-20 6410B (00) | 5200               |
|                                | GC-MS      | EPA 625             | 5005               |

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***Haloethers***

| Analyte                              | Technology                        | Method Description  | ELAP Method Number  |      |
|--------------------------------------|-----------------------------------|---------------------|---------------------|------|
| <b>Bis(2-chloroethyl)ether</b>       | GC-MS                             | EPA 8270C           | 5056                |      |
|                                      | GC-MS                             | EPA 1625B           | 5030                |      |
|                                      | PREP                              | EPA 3510C           | 4052                |      |
|                                      | PREP                              | EPA 3520C           | 4053                |      |
| <b>Bis (2-chloroisopropyl) ether</b> | GC-ECD                            | EPA 611             | 5034                |      |
|                                      | GC-MS                             | EPA 625             | 5005                |      |
|                                      | GC-MS                             | EPA 1625B           | 5030                |      |
|                                      | GC-MS                             | EPA 8270C           | 5056                |      |
|                                      | GC-MS                             | SM 18-20 6410B (00) | 5200                |      |
|                                      | PREP                              | EPA 3510C           | 4052                |      |
|                                      | PREP                              | EPA 3520C           | 4053                |      |
|                                      | <b>Bis(2-chloroethoxy)methane</b> | GC-ECD              | EPA 611             | 5034 |
|                                      |                                   | GC-ECD              | EPA 8121            | 4097 |
|                                      |                                   | GC-MS               | EPA 625             | 5005 |
| GC-MS                                |                                   | EPA 1625B           | 5030                |      |
| GC-MS                                |                                   | SM 18-20 6410B (00) | 5200                |      |
| GC-MS                                |                                   | EPA 8270C           | 5056                |      |
| PREP                                 |                                   | EPA 3510C           | 4052                |      |
| PREP                                 |                                   | EPA 3520C           | 4053                |      |
| <b>4-Chlorophenylphenyl ether</b>    |                                   | GC-ECD              | EPA 611             | 5034 |
|                                      |                                   | GC-MS               | SM 18-20 6410B (00) | 5200 |
|                                      | GC-MS                             | EPA 8270C           | 5056                |      |

|   |                           |                          |                          |
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***Haloethers***

| Analyte                           | Technology | Method Description  | ELAP Method Number |
|-----------------------------------|------------|---------------------|--------------------|
| <b>4-Chlorophenylphenyl ether</b> | GC-MS      | EPA 1625B           | 5030               |
|                                   | GC-MS      | EPA 625             | 5005               |
|                                   | PREP       | EPA 3510C           | 4052               |
|                                   | PREP       | EPA 3520C           | 4053               |
| <b>4-Bromophenylphenyl ether</b>  | GC-ECD     | EPA 611             | 5034               |
|                                   | GC-MS      | EPA 625             | 5005               |
|                                   | GC-MS      | SM 18-20 6410B (00) | 5200               |
|                                   | GC-MS      | EPA 1625B           | 5030               |
|                                   | GC-MS      | EPA 8270C           | 5056               |
|                                   | PREP       | EPA 3520C           | 4053               |
|                                   | PREP       | EPA 3510C           | 4052               |

***Nitroaromatics and Isophorone***

| Analyte                           | Technology | Method Description | ELAP Method Number |
|-----------------------------------|------------|--------------------|--------------------|
| <b>1,3-Dinitrobenzene</b>         | GC-MS      | EPA 8270C          | 5056               |
|                                   | GC-NPD     | EPA 8091           | 4047               |
|                                   | HPLC-UV    | EPA 8330           | 8330               |
| <b>1,3,5-Trinitrobenzene</b>      | GC-MS      | EPA 8270C          | 5056               |
|                                   | HPLC-UV    | EPA 8330           | 8330               |
| <b>1,4-Naphthoquinone</b>         | GC-MS      | EPA 8270C          | 5056               |
|                                   | GC-NPD     | EPA 8091           | 4047               |
| <b>2-Amino-4,6-dinitrotoluene</b> | HPLC-UV    | EPA 8330           | 8330               |
|                                   | HPLC-UV    | EPA 8330           | 8330               |

|   |                           |                          |                          |
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***Nitroaromatics and Isophorone***

| Analyte  | Technology                | Method Description  | ELAP Method Number |
|--|---------------------------|---------------------|--------------------|
| <b>3-Nitrotoluene</b>                          | HPLC-UV                   | EPA 8330            | 8330               |
| <b>4-Nitrotoluene</b>                          | HPLC-UV                   | EPA 8330            | 8330               |
| <b>4-Amino-2,6-dinitrotoluene</b>              | HPLC-UV                   | EPA 8330            | 8330               |
| <b>2,4-Dinitrotoluene</b>                      | GC-ECD                    | EPA 609             | 5044               |
|  | GC-MS                     | EPA 625             | 5005               |
|  | GC-MS                     | SM 18-20 6410B (00) | 5200               |
|  | GC-MS                     | EPA 8270C           | 5056               |
|  | GC-MS                     | EPA 1625B           | 5030               |
|  | GC-NPD                    | EPA 8091            | 4047               |
|  | HPLC-UV                   | EPA 8330            | 8330               |
|  | PREP                      | EPA 3510C           | 4052               |
|  | PREP                      | EPA 3520C           | 4053               |
|  | <b>2,6-Dinitrotoluene</b> | GC-ECD              | EPA 609            |
| GC-MS  |                           | EPA 1625B           | 5030               |
| GC-MS  |                           | SM 18-20 6410B (00) | 5200               |
| GC-MS  |                           | EPA 625             | 5005               |
| GC-MS  |                           | EPA 8270C           | 5056               |
| GC-NPD   |                           | EPA 8091            | 4047               |
| HPLC-UV  |                           | EPA 8330            | 8330               |
| PREP   |                           | EPA 3510C           | 4052               |
| PREP   |                           | EPA 3520C           | 4053               |
| <b>Hexahydro-1,3,5-trinitro-1,3,5-triazine</b> |                           | HPLC-UV             | EPA 8330           |

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***Nitroaromatics and Isophorone***

| Analyte                                     | Technology | Method Description  | ELAP Method Number |
|---|------------|---------------------|--------------------|
| <b>Isophorone</b>                           | GC-ECD     | EPA 609             | 5044               |
|   | GC-MS      | SM 18-20 6410B (00) | 5200               |
|   | GC-MS      | EPA 8270C           | 5056               |
|   | GC-MS      | EPA 1625B           | 5030               |
|   | GC-MS      | EPA 625             | 5005               |
|   | GC-NPD     | EPA 8091            | 4047               |
|   | PREP       | EPA 3510C           | 4052               |
|   | PREP       | EPA 3520C           | 4053               |
| <b>2,4,6-Trinitrotoluene</b>                | HPLC-UV    | EPA 8330            | 8330               |
|   | HPLC-UV    | EPA 8330            | 8330               |
| <b>Methyl-2,4,6-trinitrophenylnitramine</b> | HPLC-UV    | EPA 8330            | 8330               |
|   | HPLC-UV    | EPA 8330            | 8330               |
| <b>Nitrobenzene</b>                         | GC-ECD     | EPA 609             | 5044               |
|   | GC-MS      | EPA 1625B           | 5030               |
|   | GC-MS      | EPA 8270C           | 5056               |
|   | GC-MS      | SM 18-20 6410B (00) | 5200               |
|   | GC-MS      | EPA 625             | 5005               |
|   | GC-NPD     | EPA 8091            | 4047               |
|   | HPLC-UV    | EPA 8330            | 8330               |
|   | PREP       | EPA 3510C           | 4052               |
|   | PREP       | EPA 3520C           | 4053               |
|   | PREP       | EPA 3520C           | 4053               |
| <b>Octahydro-tetranitro-tetrazocine</b>     | HPLC-UV    | EPA 8330            | 8330               |

***Nitrosoamines***

| Analyte | Technology | Method Description | ELAP Method Number |
|---------|------------|--------------------|--------------------|
|---------|------------|--------------------|--------------------|

|   |                           |                          |                          |
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**Nitrosoamines**

| Analyte                          | Technology | Method Description  | ELAP Method Number |
|----------------------------------|------------|---------------------|--------------------|
| <b>N-Nitrosodiethylamine</b>     | GC-MS      | EPA 8270C           | 5056               |
| <b>N-Nitrosodimethylamine</b>    | GC-MS      | EPA 625             | 5005               |
|                                  | GC-MS      | SM 18-20 6410B (00) | 5200               |
|                                  | GC-MS      | EPA 8270C           | 5056               |
|                                  | GC-MS      | EPA 1625B           | 5030               |
|                                  | GC-NPD     | EPA 607             | 5046               |
|                                  | PREP       | EPA 3520C           | 4053               |
|                                  | PREP       | EPA 3510C           | 4052               |
| <b>N-Nitrosodiphenylamine</b>    | GC-MS      | EPA 625             | 5005               |
|                                  | GC-MS      | EPA 1625B           | 5030               |
|                                  | GC-MS      | EPA 8270C           | 5056               |
|                                  | GC-MS      | SM 18-20 6410B (00) | 5200               |
|                                  | GC-NPD     | EPA 607             | 5046               |
|                                  | PREP       | EPA 3510C           | 4052               |
|                                  | PREP       | EPA 3520C           | 4053               |
| <b>N-Nitrosodi-n-butylamine</b>  | GC-FID     | EPA 8015 B          | 9994               |
|                                  | GC-MS      | EPA 8270C           | 5056               |
|                                  | GC-MS      | EPA 8260B           | 4094               |
| <b>N-Nitrosodi-n-propylamine</b> | GC-MS      | EPA 625             | 5005               |
|                                  | GC-MS      | SM 18-20 6410B (00) | 5200               |
|                                  | GC-MS      | EPA 8270C           | 5056               |
|                                  | GC-MS      | EPA 1625B           | 5030               |

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***Nitrosoamines***

| Analyte                          | Technology | Method Description | ELAP Method Number |
|----------------------------------|------------|--------------------|--------------------|
| <b>N-Nitrosodi-n-propylamine</b> | GC-NPD     | EPA 607            | 5046               |
|                                  | PREP       | EPA 3520C          | 4053               |
|                                  | PREP       | EPA 3510C          | 4052               |
| <b>N-nitrosopiperidine</b>       | GC-MS      | EPA 8270C          | 5056               |
| <b>N-Nitrosopyrrolidine</b>      | GC-MS      | EPA 8270C          | 5056               |

***Phthalate Esters***

| Analyte                            | Technology | Method Description  | ELAP Method Number |
|------------------------------------|------------|---------------------|--------------------|
| <b>Benzyl butyl phthalate</b>      | GC-ECD     | EPA 8061A           | 4096               |
|                                    | GC-ECD     | EPA 606             | 5033               |
|                                    | GC-MS      | EPA 625             | 5005               |
|                                    | GC-MS      | EPA 1625B           | 5030               |
|                                    | GC-MS      | SM 18-20 6410B (00) | 5200               |
|                                    | GC-MS      | EPA 8270C           | 5056               |
|                                    | PREP       | EPA 3520C           | 4053               |
|                                    | PREP       | EPA 3510C           | 4052               |
| <b>Bis(2-ethylhexyl) phthalate</b> | GC-ECD     | EPA 606             | 5033               |
|                                    | GC-ECD     | EPA 8061A           | 4096               |
|                                    | GC-ELCD    | SM 18-19 6230B      | 5304               |
|                                    | GC-MS      | EPA 1625B           | 5030               |
|                                    | GC-MS      | EPA 8270C           | 5056               |
|                                    | GC-MS      | SM 18-20 6410B (00) | 5200               |
|                                    | GC-MS      | EPA 625             | 5005               |

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**Phthalate Esters**

| Analyte                            | Technology                | Method Description  | ELAP Method Number |
|------------------------------------|---------------------------|---------------------|--------------------|
| <b>Bis(2-ethylhexyl) phthalate</b> | PREP                      | EPA 3510C           | 4052               |
|                                    | PREP                      | EPA 3535            | 4322               |
|                                    | PREP                      | EPA 3520C           | 4053               |
| <b>Diethyl phthalate</b>           | GC-ECD                    | EPA 8061A           | 4096               |
|                                    | GC-ECD                    | EPA 606             | 5033               |
|                                    | GC-MS                     | SM 18-20 6410B (00) | 5200               |
|                                    | GC-MS                     | EPA 1625B           | 5030               |
|                                    | GC-MS                     | EPA 625             | 5005               |
|                                    | GC-MS                     | EPA 8270C           | 5056               |
|                                    | PREP                      | EPA 3520C           | 4053               |
|                                    | PREP                      | EPA 3510C           | 4052               |
|                                    | PREP                      | EPA 3535            | 4322               |
|                                    | <b>Dimethyl phthalate</b> | GC-ECD              | EPA 8061A          |
| GC-ECD                             |                           | EPA 606             | 5033               |
| GC-MS                              |                           | EPA 625             | 5005               |
| GC-MS                              |                           | SM 18-20 6410B (00) | 5200               |
| GC-MS                              |                           | EPA 8270C           | 5056               |
| GC-MS                              |                           | EPA 1625B           | 5030               |
| PREP                               |                           | EPA 3535            | 4322               |
| PREP                               |                           | EPA 3510C           | 4052               |
| PREP                               |                           | EPA 3520C           | 4053               |
| <b>Di-n-butyl phthalate</b>        |                           | GC-ECD              | EPA 606            |

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***Phthalate Esters***

| Analyte                     | Technology | Method Description  | ELAP Method Number |
|-----------------------------|------------|---------------------|--------------------|
| <b>Di-n-butyl phthalate</b> | GC-ECD     | EPA 8061A           | 4096               |
|                             | GC-MS      | EPA 8270C           | 5056               |
|                             | GC-MS      | EPA 1625B           | 5030               |
|                             | GC-MS      | SM 18-20 6410B (00) | 5200               |
|                             | GC-MS      | EPA 625             | 5005               |
|                             | PREP       | EPA 3535            | 4322               |
|                             | PREP       | EPA 3510C           | 4052               |
|                             | PREP       | EPA 3520C           | 4053               |
| <b>Di-n-octyl phthalate</b> | GC-ECD     | EPA 8061A           | 4096               |
|                             | GC-ECD     | EPA 606             | 5033               |
|                             | GC-MS      | EPA 625             | 5005               |
|                             | GC-MS      | SM 18-20 6410B (00) | 5200               |
|                             | GC-MS      | EPA 8270C           | 5056               |
|                             | GC-MS      | EPA 1625B           | 5030               |
|                             | PREP       | EPA 3535            | 4322               |
|                             | PREP       | EPA 3520C           | 4053               |
|                             | PREP       | EPA 3510C           | 4052               |

***Polychlorinated Biphenyls***

| Analyte         | Technology | Method Description | ELAP Method Number |
|-----------------|------------|--------------------|--------------------|
| <b>PCB-1016</b> | GC-ECD     | EPA 8082           | 4304               |
|                 | GC-ECD     | EPA 1978 p.43      | 5048               |
|                 | GC-ECD     | EPA 608            | 5047               |

|   |                           |                          |                          |
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***Polychlorinated Biphenyls***

| Analyte         | Technology      | Method Description  | ELAP Method Number |
|-----------------|-----------------|---------------------|--------------------|
| <b>PCB-1016</b> | GC-HRMS         | EPA 1668 A          | 1668               |
|                 | GC-MS           | EPA 8270C           | 5056               |
|                 | GC-MS           | SM 18-20 6410B (00) | 5200               |
|                 | GC-MS           | EPA 625             | 5005               |
|                 | PREP            | 3M(0222)            | 9995               |
|                 | PREP            | EPA 3535            | 4322               |
|                 | PREP            | EPA 3510C           | 4052               |
|                 | PREP            | EPA 3520C           | 4053               |
|                 | PREP            | EPA 3545            | 4076               |
|                 | <b>PCB-1221</b> | GC-ECD              | EPA 8082           |
| GC-ECD          |                 | EPA 1978 p.43       | 5048               |
| GC-ECD          |                 | EPA 608             | 5047               |
| GC-HRMS         |                 | EPA 1668 A          | 1668               |
| GC-MS           |                 | EPA 625             | 5005               |
| GC-MS           |                 | EPA 8270C           | 5056               |
| GC-MS           |                 | SM 18-20 6410B (00) | 5200               |
| PREP            |                 | EPA 3535            | 4322               |
| PREP            |                 | EPA 3520C           | 4053               |
| PREP            |                 | EPA 3510C           | 4052               |
| <b>PCB-1232</b> | PREP            | EPA 3545            | 4076               |
|                 | PREP            | 3M(0222)            | 9995               |
|                 | GC-ECD          | EPA 608             | 5047               |

|   |                           |                          |                          |
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***Polychlorinated Biphenyls***

| Analyte         | Technology | Method Description  | ELAP Method Number |
|-----------------|------------|---------------------|--------------------|
| <b>PCB-1232</b> | GC-ECD     | EPA 8082            | 4304               |
|                 | GC-ECD     | EPA 1978 p.43       | 5048               |
|                 | GC-HRMS    | EPA 1668 A          | 1668               |
|                 | GC-MS      | EPA 625             | 5005               |
|                 | GC-MS      | SM 18-20 6410B (00) | 5200               |
|                 | GC-MS      | EPA 8270C           | 5056               |
|                 | PREP       | EPA 3545            | 4076               |
|                 | PREP       | EPA 3520C           | 4053               |
|                 | PREP       | EPA 3535            | 4322               |
|                 | PREP       | EPA 3510C           | 4052               |
|                 | PREP       | 3M(0222)            | 9995               |
| <b>PCB-1242</b> | GC-ECD     | EPA 608             | 5047               |
|                 | GC-ECD     | EPA 1978 p.43       | 5048               |
|                 | GC-ECD     | EPA 8082            | 4304               |
|                 | GC-HRMS    | EPA 1668 A          | 1668               |
|                 | GC-MS      | EPA 8270C           | 5056               |
|                 | GC-MS      | SM 18-20 6410B (00) | 5200               |
|                 | GC-MS      | EPA 625             | 5005               |
|                 | PREP       | 3M(0222)            | 9995               |
|                 | PREP       | EPA 3545            | 4076               |
|                 | PREP       | EPA 3510C           | 4052               |
|                 | PREP       | EPA 3535            | 4322               |

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***Polychlorinated Biphenyls***

| Analyte         | Technology | Method Description  | ELAP Method Number |
|-----------------|------------|---------------------|--------------------|
| <b>PCB-1242</b> | PREP       | EPA 3520C           | 4053               |
| <b>PCB-1248</b> | GC-ECD     | EPA 608             | 5047               |
|                 | GC-ECD     | EPA 8082            | 4304               |
|                 | GC-HRMS    | EPA 1668 A          | 1668               |
|                 | GC-MS      | EPA 625             | 5005               |
|                 | GC-MS      | EPA 8270C           | 5056               |
|                 | PREP       | EPA 3545            | 4076               |
|                 | PREP       | 3M(0222)            | 9995               |
|                 | PREP       | EPA 3520C           | 4053               |
|                 | PREP       | EPA 3535            | 4322               |
|                 | PREP       | EPA 3510C           | 4052               |
| <b>PCB-1254</b> | GC-ECD     | EPA 608             | 5047               |
|                 | GC-ECD     | EPA 1978 p.43       | 5048               |
|                 | GC-ECD     | EPA 8082            | 4304               |
|                 | GC-HRMS    | EPA 1668 A          | 1668               |
|                 | GC-MS      | EPA 8270C           | 5056               |
|                 | GC-MS      | SM 18-20 6410B (00) | 5200               |
|                 | GC-MS      | EPA 625             | 5005               |
|                 | PREP       | EPA 3535            | 4322               |
|                 | PREP       | EPA 3520C           | 4053               |
|                 | PREP       | 3M(0222)            | 9995               |
|                 | PREP       | EPA 3545            | 4076               |

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***Polychlorinated Biphenyls***

| Analyte                                  | Technology | Method Description  | ELAP Method Number |
|--|------------|---------------------|--------------------|
| <b>PCB-1254</b>                          | PREP       | EPA 3510C           | 4052               |
| <b>PCB-1260</b>                          | GC-ECD     | EPA 8082            | 4304               |
|  | GC-ECD     | EPA 1978 p.43       | 5048               |
|  | GC-ECD     | SM 18-20 6630B      | 5201               |
|  | GC-ECD     | EPA 608             | 5047               |
|  | GC-HRMS    | EPA 1668 A          | 1668               |
|  | GC-MS      | EPA 625             | 5005               |
|  | GC-MS      | EPA 8270C           | 5056               |
|  | GC-MS      | SM 18-20 6410B (00) | 5200               |
|  | PREP       | EPA 3535            | 4322               |
|  | PREP       | EPA 3520C           | 4053               |
|  | PREP       | EPA 3545            | 4076               |
|  | PREP       | 3M(0222)            | 9995               |
|  | PREP       | EPA 3510C           | 4052               |
| <b>PCB-1262</b>                          | GC-ECD     | EPA 8082            | 4304               |
| <b>PCB-1268</b>                          | GC-ECD     | EPA 8082            | 4304               |
| <b>2-Chlorobiphenyl</b>                  | GC-ECD     | EPA 8082            | 4304               |
|  | GC-HRMS    | EPA 1668 A          | 1668               |
| <b>2,2'-Dichlorobiphenyl</b>             | GC-ECD     | EPA 8082            | 4304               |
|  | GC-HRMS    | EPA 1668 A          | 1668               |
| <b>2,2',3,4,4',5'-Hexachlorobiphenyl</b> | GC-ECD     | EPA 8082            | 4304               |
|  | GC-HRMS    | EPA 1668 A          | 1668               |

|   |                           |                          |                          |
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***Polychlorinated Biphenyls***

| Analyte   | Technology | Method Description | ELAP Method Number |
|---|------------|--------------------|--------------------|
| <b>2,2',3,4,4',5,5'-Heptachlorobiphenyl</b>     | GC-ECD     | EPA 8082           | 4304               |
|   | GC-HRMS    | EPA 1668 A         | 1668               |
| <b>2,2',3,4,4',5',6-Heptachlorobiphenyl</b>     | GC-ECD     | EPA 8082           | 4304               |
|   | GC-HRMS    | EPA 1668 A         | 1668               |
| <b>2,2',3,4,4',6,6'-Heptachlorobiphenyl</b>     | GC-ECD     | EPA 8082           | 4304               |
|   | GC-ECD     | EPA 8082           | 4304               |
| <b>2,2',3,4',5,5',6-Heptachlorobiphenyl</b>     | GC-ECD     | EPA 8082           | 4304               |
|   | GC-HRMS    | EPA 1668 A         | 1668               |
| <b>2,2',3,3',4,5,5',6,6'-Nonachlorobiphenyl</b> | GC-ECD     | EPA 8082           | 4304               |
|   | GC-HRMS    | EPA 1668 A         | 1668               |
| <b>2,2',3,3',4,4',5,5',6-Nonachlorobiphenyl</b> | GC-ECD     | EPA 8082           | 4304               |
|   | GC-HRMS    | EPA 1668 A         | 1668               |
| <b>2,2',3,3',4,4'-Hexachlorobiphenyl</b>        | GC-ECD     | EPA 8082           | 4304               |
|   | GC-ECD     | EPA 8082           | 4304               |
| <b>2,2',3,3',4,4',5-Heptachlorobiphenyl</b>     | GC-ECD     | EPA 8082           | 4304               |
|   | GC-HRMS    | EPA 1668 A         | 1668               |
| <b>2,2',3,3',5,5',6,6'-Octachlorobiphenyl</b>   | GC-ECD     | EPA 8082           | 4304               |
|   | GC-HRMS    | EPA 1668 A         | 1668               |
| <b>2,3,3',4,4',5-Hexachlorobiphenyl</b>         | GC-ECD     | EPA 8082           | 4304               |
|   | GC-HRMS    | EPA 1668 A         | 1668               |
| <b>2,2',3,4,5,5'-Hexachlorobiphenyl</b>         | GC-ECD     | EPA 8082           | 4304               |
|   | GC-HRMS    | EPA 1668 A         | 1668               |
| <b>2,2',3,4,5'-Pentachlorobiphenyl</b>          | GC-ECD     | EPA 8082           | 4304               |
|   | GC-HRMS    | EPA 1668 A         | 1668               |

|   |                           |                          |                          |
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***Polychlorinated Biphenyls***

| Analyte                                     | Technology | Method Description | ELAP Method Number |
|---|------------|--------------------|--------------------|
| <b>2,2',3,4',5,6,6'-Heptachlorobiphenyl</b> | GC-ECD     | EPA 8082           | 4304               |
|   | GC-HRMS    | EPA 1668 A         | 1668               |
| <b>2,2',3,5,5',6-Hexachlorobiphenyl</b>     | GC-ECD     | EPA 8082           | 4304               |
|   | GC-HRMS    | EPA 1668 A         | 1668               |
| <b>2,2',3,5'-Tetrachlorobiphenyl</b>        | GC-ECD     | EPA 8082           | 4304               |
|   | GC-HRMS    | EPA 1668 A         | 1668               |
| <b>2,4',5-Trichlorobiphenyl</b>             | GC-ECD     | EPA 8082           | 4304               |
|   | GC-HRMS    | EPA 1668 A         | 1668               |
|   | PREP       | EPA 3510C          | 4052               |
| <b>2,2',4,4',5,5'-Hexachlorobiphenyl</b>    | GC-ECD     | EPA 8082           | 4304               |
|   | GC-HRMS    | EPA 1668 A         | 1668               |
| <b>2,2',4,5,5'-Pentachlorobiphenyl</b>      | GC-ECD     | EPA 8082           | 4304               |
|   | GC-HRMS    | EPA 1668 A         | 1668               |
| <b>2,2',4,4',6,6'-Hexachlorobiphenyl</b>    | GC-ECD     | EPA 8082           | 4304               |
|   | GC-HRMS    | EPA 1668 A         | 1668               |
| <b>2,2',4,6,6'-Pentachlorobiphenyl</b>      | GC-ECD     | EPA 8082           | 4304               |
|   | GC-HRMS    | EPA 1668 A         | 1668               |
| <b>2,2',5-Trichlorobiphenyl</b>             | GC-ECD     | EPA 8082           | 4304               |
|   | GC-HRMS    | EPA 1668 A         | 1668               |
| <b>2,2',5,5'-Tetrachlorobiphenyl</b>        | GC-ECD     | EPA 8082           | 4304               |
|   | GC-HRMS    | EPA 1668 A         | 1668               |
| <b>2,2',6-Trichlorobiphenyl</b>             | GC-ECD     | EPA 8082           | 4304               |

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***Polychlorinated Biphenyls***

| Analyte                                      | Technology | Method Description | ELAP Method Number |
|--|------------|--------------------|--------------------|
| <b>2,2',6-Trichlorobiphenyl</b>              | GC-HRMS    | EPA 1668 A         | 1668               |
| <b>2,2',6,6'-Tetrachlorobiphenyl</b>         | GC-ECD     | EPA 8082           | 4304               |
|  | GC-HRMS    | EPA 1668 A         | 1668               |
| <b>2,3-Dichlorobiphenyl</b>                  | GC-ECD     | EPA 8082           | 4304               |
|  | GC-HRMS    | EPA 1668 A         | 1668               |
| <b>2,3',4,4',5,5'-Hexachlorobiphenyl</b>     | GC-ECD     | EPA 8082           | 4304               |
|  | GC-HRMS    | EPA 1668 A         | 1668               |
| <b>2,3,3',4,4',5'-Hexachlorobiphenyl</b>     | GC-ECD     | EPA 8082           | 4304               |
|  | GC-HRMS    | EPA 1668 A         | 1668               |
| <b>2,3,3',4,4',5,5'-Heptachlorobiphenyl</b>  | GC-ECD     | EPA 8082           | 4304               |
|  | GC-HRMS    | EPA 1668 A         | 1668               |
| <b>2,3,3',4,6-Pentachlorobiphenyl</b>        | GC-ECD     | EPA 8082           | 4304               |
|  | GC-HRMS    | EPA 1668 A         | 1668               |
| <b>2,3,3',4,4'-Pentachlorobiphenyl</b>       | GC-ECD     | EPA 8082           | 4304               |
|  | GC-HRMS    | EPA 1668 A         | 1668               |
| <b>2,3,3',4,4',5,5',6-Octachlorobiphenyl</b> | GC-ECD     | EPA 8082           | 4304               |
|  | GC-HRMS    | EPA 1668 A         | 1668               |
| <b>2,2',3,3',4,4',5,6-Octachlorobiphenyl</b> | GC-ECD     | EPA 8082           | 4304               |
| <b>2,3',4,4'-Tetrachlorobiphenyl</b>         | GC-ECD     | EPA 8082           | 4304               |
|  | GC-HRMS    | EPA 1668 A         | 1668               |
| <b>2,3,4,4',5-Pentachlorobiphenyl</b>        | GC-ECD     | EPA 8082           | 4304               |
|  | GC-HRMS    | EPA 1668 A         | 1668               |

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***Polychlorinated Biphenyls***

| Analyte                                  | Technology | Method Description | ELAP Method Number |
|--|------------|--------------------|--------------------|
| <b>2,3',4,4',5-Pentachlorobiphenyl</b>   | GC-ECD     | EPA 8082           | 4304               |
|  | GC-HRMS    | EPA 1668 A         | 1668               |
| <b>2,3',4,4',5'-Pentachlorobiphenyl</b>  | GC-ECD     | EPA 8082           | 4304               |
|  | GC-HRMS    | EPA 1668 A         | 1668               |
| <b>2,4'-Dichlorobiphenyl</b>             | GC-ECD     | EPA 8082           | 4304               |
| <b>2,4,4'-Trichlorobiphenyl</b>          | GC-ECD     | EPA 8082           | 4304               |
| <b>2,2',4,5'-Tetrachlorobiphenyl</b>     | GC-ECD     | EPA 8082           | 4304               |
| <b>3,4,4'-Trichlorobiphenyl</b>          | GC-ECD     | EPA 8082           | 4304               |
|  | GC-HRMS    | EPA 1668 A         | 1668               |
| <b>3,4,4',5-Tetrachlorobiphenyl</b>      | GC-ECD     | EPA 8082           | 4304               |
|  | GC-HRMS    | EPA 1668 A         | 1668               |
| <b>3,3',4,4'-Tetrachlorobiphenyl</b>     | GC-ECD     | EPA 8082           | 4304               |
|  | GC-HRMS    | EPA 1668 A         | 1668               |
| <b>3,3',4,5,5'-Pentachlorobiphenyl</b>   | GC-ECD     | EPA 8082           | 4304               |
| <b>3,3',4,4',5-Pentachlorobiphenyl</b>   | GC-ECD     | EPA 8082           | 4304               |
|  | GC-HRMS    | EPA 1668 A         | 1668               |
| <b>3,3',4,4',5,5'-Hexachlorobiphenyl</b> | GC-ECD     | EPA 8082           | 4304               |
|  | GC-HRMS    | EPA 1668 A         | 1668               |
| <b>4,4'-Dichlorobiphenyl</b>             | GC-ECD     | EPA 8082           | 4304               |
|  | GC-HRMS    | EPA 1668 A         | 1668               |
| <b>4-Chlorobiphenyl</b>                  | GC-ECD     | EPA 8082           | 4304               |
|  | GC-HRMS    | EPA 1668 A         | 1668               |

|   |                           |                          |                          |
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***Polychlorinated Biphenyls***

| Analyte                   | Technology | Method Description | ELAP Method Number |
|---------------------------|------------|--------------------|--------------------|
| <b>Decachlorobiphenyl</b> | GC-ECD     | EPA 8082           | 4304               |
|                           | GC-HRMS    | EPA 1668 A         | 1668               |

***Polynuclear Aromatics***

| Analyte               | Technology | Method Description  | ELAP Method Number |
|-----------------------|------------|---------------------|--------------------|
| <b>Acenaphthene</b>   | GC-FID     | EPA 8100            | 1019               |
|                       | GC-MS      | EPA 1625B           | 5030               |
|                       | GC-MS      | EPA 625             | 5005               |
|                       | GC-MS      | EPA 8270C           | 5056               |
|                       | GC-MS      | SM 18-20 6410B (00) | 5200               |
|                       | PREP       | EPA 3510C           | 4052               |
|                       | PREP       | EPA 3520C           | 4053               |
|                       | PREP       | EPA 3511            | 3511               |
| <b>Anthracene</b>     | GC-FID     | EPA 8100            | 1019               |
|                       | GC-MS      | EPA 625             | 5005               |
|                       | GC-MS      | EPA 1625B           | 5030               |
|                       | GC-MS      | SM 18-20 6410B (00) | 5200               |
|                       | GC-MS      | EPA 8270C           | 5056               |
|                       | PREP       | EPA 3510C           | 4052               |
|                       | PREP       | EPA 3520C           | 4053               |
|                       | PREP       | EPA 3511            | 3511               |
| <b>Acenaphthylene</b> | GC-FID     | EPA 8100            | 1019               |
|                       | GC-MS      | EPA 8270C           | 5056               |

|   |                           |                          |                          |
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***Polynuclear Aromatics***

| Analyte                   | Technology            | Method Description  | ELAP Method Number |      |
|---------------------------|-----------------------|---------------------|--------------------|------|
| <b>Acenaphthylene</b>     | GC-MS                 | EPA 1625B           | 5030               |      |
|                           | GC-MS                 | SM 18-20 6410B (00) | 5200               |      |
|                           | GC-MS                 | EPA 625             | 5005               |      |
|                           | PREP                  | EPA 3510C           | 4052               |      |
|                           | PREP                  | EPA 3520C           | 4053               |      |
|                           | PREP                  | EPA 3511            | 3511               |      |
| <b>Benzo(a)anthracene</b> | GC-FID                | EPA 8100            | 1019               |      |
|                           | GC-MS                 | EPA 1625B           | 5030               |      |
|                           | GC-MS                 | EPA 625             | 5005               |      |
|                           | GC-MS                 | SM 18-20 6410B (00) | 5200               |      |
|                           | GC-MS                 | EPA 8270C           | 5056               |      |
|                           | PREP                  | EPA 3510C           | 4052               |      |
|                           | PREP                  | EPA 3511            | 3511               |      |
|                           | PREP                  | EPA 3520C           | 4053               |      |
|                           | <b>Benzo(a)pyrene</b> | GC-FID              | EPA 8100           | 1019 |
|                           |                       | GC-MS               | EPA 1625B          | 5030 |
| GC-MS                     |                       | EPA 625             | 5005               |      |
| GC-MS                     |                       | EPA 8270C           | 5056               |      |
| GC-MS                     |                       | SM 18-20 6410B (00) | 5200               |      |
| PREP                      |                       | EPA 3520C           | 4053               |      |
| PREP                      |                       | EPA 3510C           | 4052               |      |
| PREP                      |                       | EPA 3511            | 3511               |      |

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**Polynuclear Aromatics**

| Analyte                     | Technology | Method Description  | ELAP Method Number |
|-----------------------------|------------|---------------------|--------------------|
| <b>Benzo(b)fluoranthene</b> | GC-FID     | EPA 8100            | 1019               |
|                             | GC-MS      | EPA 8270C           | 5056               |
|                             | GC-MS      | EPA 1625B           | 5030               |
|                             | GC-MS      | EPA 625             | 5005               |
|                             | GC-MS      | SM 18-20 6410B (00) | 5200               |
|                             | PREP       | EPA 3510C           | 4052               |
|                             | PREP       | EPA 3520C           | 4053               |
|                             | PREP       | EPA 3511            | 3511               |
| <b>Benzo(ghi)perylene</b>   | GC-FID     | EPA 8100            | 1019               |
|                             | GC-MS      | EPA 1625B           | 5030               |
|                             | GC-MS      | SM 18-20 6410B (00) | 5200               |
|                             | GC-MS      | EPA 8270C           | 5056               |
|                             | GC-MS      | EPA 625             | 5005               |
|                             | PREP       | EPA 3510C           | 4052               |
|                             | PREP       | EPA 3511            | 3511               |
|                             | PREP       | EPA 3520C           | 4053               |
| <b>Benzo(k)fluoranthene</b> | GC-FID     | EPA 8100            | 1019               |
|                             | GC-MS      | EPA 8270C           | 5056               |
|                             | GC-MS      | EPA 1625B           | 5030               |
|                             | GC-MS      | SM 18-20 6410B (00) | 5200               |
|                             | GC-MS      | EPA 625             | 5005               |
|                             | PREP       | EPA 3510C           | 4052               |

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**Polynuclear Aromatics**

| Analyte                                   | Technology | Method Description  | ELAP Method Number |
|---|------------|---------------------|--------------------|
| <b>Benzo(k)fluoranthene</b>               | PREP       | EPA 3511            | 3511               |
|   | PREP       | EPA 3520C           | 4053               |
| <b>Chrysene</b>                           | GC-FID     | EPA 8100            | 1019               |
|   | GC-MS      | EPA 1625B           | 5030               |
|   | GC-MS      | EPA 8270C           | 5056               |
|   | GC-MS      | SM 18-20 6410B (00) | 5200               |
|   | GC-MS      | EPA 625             | 5005               |
|   | PREP       | EPA 3520C           | 4053               |
|   | PREP       | EPA 3510C           | 4052               |
|   | PREP       | EPA 3511            | 3511               |
| <b>Dibenzo(a,h)anthracene</b>             | GC-FID     | EPA 8100            | 1019               |
|   | GC-MS      | EPA 625             | 5005               |
|   | GC-MS      | SM 18-20 6410B (00) | 5200               |
|   | GC-MS      | EPA 8270C           | 5056               |
|   | GC-MS      | EPA 1625B           | 5030               |
|   | PREP       | EPA 3511            | 3511               |
|   | PREP       | EPA 3520C           | 4053               |
|   | PREP       | EPA 3510C           | 4052               |
| <b>7,12-Dimethylbenzyl (a) anthracene</b> | GC-MS      | EPA 8270C           | 5056               |
| <b>Fluoranthene</b>                       | GC-FID     | EPA 8100            | 1019               |
|   | GC-MS      | EPA 625             | 5005               |
|   | GC-MS      | EPA 8270C           | 5056               |

|   |                           |                          |                          |
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***Polynuclear Aromatics***

| Analyte             | Technology                    | Method Description  | ELAP Method Number |      |
|---------------------|-------------------------------|---------------------|--------------------|------|
| <b>Fluoranthene</b> | GC-MS                         | EPA 1625B           | 5030               |      |
|                     | GC-MS                         | SM 18-20 6410B (00) | 5200               |      |
|                     | PREP                          | EPA 3520C           | 4053               |      |
|                     | PREP                          | EPA 3510C           | 4052               |      |
|                     | PREP                          | EPA 3511            | 3511               |      |
| <b>Fluorene</b>     | GC-FID                        | EPA 8100            | 1019               |      |
|                     | GC-MS                         | EPA 8270C           | 5056               |      |
|                     | GC-MS                         | EPA 625             | 5005               |      |
|                     | GC-MS                         | EPA 1625B           | 5030               |      |
|                     | GC-MS                         | SM 18-20 6410B (00) | 5200               |      |
|                     | PREP                          | EPA 3510C           | 4052               |      |
|                     | PREP                          | EPA 3520C           | 4053               |      |
|                     | PREP                          | EPA 3511            | 3511               |      |
|                     | <b>Indeno(1,2,3-cd)pyrene</b> | GC-FID              | EPA 8100           | 1019 |
|                     |                               | GC-MS               | EPA 625            | 5005 |
|                     |                               | GC-MS               | EPA 8270C          | 5056 |
| GC-MS               |                               | EPA 1625B           | 5030               |      |
| GC-MS               |                               | SM 18-20 6410B (00) | 5200               |      |
| PREP                |                               | EPA 3520C           | 4053               |      |
| PREP                |                               | EPA 3511            | 3511               |      |
| PREP                |                               | EPA 3510C           | 4052               |      |
| <b>Naphthalene</b>  |                               | GCELCD/PID          | EPA 8021B          | 4095 |

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**Polynuclear Aromatics**

| Analyte             | Technology                  | Method Description  | ELAP Method Number |
|---------------------|-----------------------------|---------------------|--------------------|
| <b>Naphthalene</b>  | GC-FID                      | EPA 8100            | 1019               |
|                     | GC-MS                       | EPA 8270C           | 5056               |
|                     | GC-MS                       | EPA 1625B           | 5030               |
|                     | GC-MS                       | EPA 625             | 5005               |
|                     | GC-MS                       | SM 18-20 6410B (00) | 5200               |
|                     | GC-MS                       | EPA 8260B           | 4094               |
|                     | PREP                        | EPA 3520C           | 4053               |
|                     | PREP                        | EPA 5030B           | 4058               |
|                     | PREP                        | EPA 3510C           | 4052               |
|                     | PREP                        | EPA 3511            | 3511               |
|                     | <b>3-Methylcholanthrene</b> | GC-FID              | EPA 8100           |
| GC-MS               |                             | EPA 8270C           | 5056               |
| <b>Phenanthrene</b> | GC-FID                      | EPA 8100            | 1019               |
|                     | GC-MS                       | SM 18-20 6410B (00) | 5200               |
|                     | GC-MS                       | EPA 1625B           | 5030               |
|                     | GC-MS                       | EPA 8270C           | 5056               |
|                     | GC-MS                       | EPA 625             | 5005               |
|                     | PREP                        | EPA 3520C           | 4053               |
|                     | PREP                        | EPA 3510C           | 4052               |
|                     | PREP                        | EPA 3511            | 3511               |
| <b>Pyrene</b>       | GC-FID                      | EPA 8100            | 1019               |
|                     | GC-MS                       | SM 18-20 6410B (00) | 5200               |

|   |                           |                          |                          |
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***Polynuclear Aromatics***

| Analyte       | Technology | Method Description | ELAP Method Number |
|---------------|------------|--------------------|--------------------|
| <b>Pyrene</b> | GC-MS      | EPA 625            | 5005               |
|               | GC-MS      | EPA 8270C          | 5056               |
|               | GC-MS      | EPA 1625B          | 5030               |
|               | PREP       | EPA 3510C          | 4052               |
|               | PREP       | EPA 3520C          | 4053               |
|               | PREP       | EPA 3511           | 3511               |

***Low Level Polynuclear Aromatics***

| Analyte               | Technology | Method Description | ELAP Method Number |
|-----------------------|------------|--------------------|--------------------|
| <b>Acenaphthene</b>   | GC-MS      | EPA 8270-SIM       | 1170               |
|                       | GC-MS      | EPA 8270C          | 5056               |
|                       | HPLC-FLUOR | EPA 8310           | 4060               |
|                       | HPLC-UV    | SM 18-20 6440B     | 5300               |
|                       | HPLC-UV    | EPA 610            | 5029               |
|                       | HPLC-UV    | ASTM D4657-92 (99) | 2589               |
|                       | PREP       | EPA 3510C          | 4052               |
|                       | PREP       | EPA 3511           | 3511               |
|                       | PREP       | EPA 3520C          | 4053               |
| <b>Acenaphthylene</b> | GC-MS      | EPA 8270-SIM       | 1170               |
|                       | GC-MS      | EPA 8270C          | 5056               |
|                       | HPLC-FLUOR | EPA 8310           | 4060               |
|                       | HPLC-UV    | ASTM D4657-92 (99) | 2589               |
|                       | HPLC-UV    | EPA 610            | 5029               |

|   |                           |                          |                          |
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**Low Level Polynuclear Aromatics**

| Analyte                   | Technology | Method Description | ELAP Method Number |
|---------------------------|------------|--------------------|--------------------|
| <b>Acenaphthylene</b>     | HPLC-UV    | SM 18-20 6440B     | 5300               |
|                           | PREP       | EPA 3510C          | 4052               |
|                           | PREP       | EPA 3511           | 3511               |
|                           | PREP       | EPA 3520C          | 4053               |
| <b>Anthracene</b>         | GC-MS      | EPA 8270C          | 5056               |
|                           | GC-MS      | EPA 8270-SIM       | 1170               |
|                           | HPLC-FLUOR | EPA 8310           | 4060               |
|                           | HPLC-UV    | ASTM D4657-92 (99) | 2589               |
|                           | HPLC-UV    | SM 18-20 6440B     | 5300               |
|                           | HPLC-UV    | EPA 610            | 5029               |
|                           | PREP       | EPA 3510C          | 4052               |
| <b>Benzo(a)anthracene</b> | PREP       | EPA 3520C          | 4053               |
|                           | PREP       | EPA 3511           | 3511               |
|                           | GC-MS      | EPA 8270C          | 5056               |
|                           | GC-MS      | EPA 8270-SIM       | 1170               |
|                           | HPLC-FLUOR | EPA 8310           | 4060               |
|                           | HPLC-UV    | ASTM D4657-92 (99) | 2589               |
|                           | HPLC-UV    | EPA 610            | 5029               |
|                           | HPLC-UV    | SM 18-20 6440B     | 5300               |
|                           | PREP       | EPA 3510C          | 4052               |
|                           | PREP       | EPA 3520C          | 4053               |
|                           | PREP       | EPA 3511           | 3511               |

|   |                           |                          |                          |
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**Low Level Polynuclear Aromatics**

| Analyte                      | Technology | Method Description | ELAP Method Number |
|------------------------------|------------|--------------------|--------------------|
| <b>Benzo(b)fluoranthene</b>  | GC-MS      | EPA 8270C          | 5056               |
|                              | GC-MS      | EPA 8270-SIM       | 1170               |
|                              | HPLC-FLUOR | EPA 8310           | 4060               |
|                              | HPLC-UV    | EPA 610            | 5029               |
|                              | HPLC-UV    | ASTM D4657-92 (99) | 2589               |
|                              | HPLC-UV    | SM 18-20 6440B     | 5300               |
|                              | PREP       | EPA 3510C          | 4052               |
|                              | PREP       | EPA 3520C          | 4053               |
|                              | PREP       | EPA 3511           | 3511               |
| <b>Benzo(k)fluoroanthene</b> | GC-MS      | EPA 8270-SIM       | 1170               |
|                              | GC-MS      | EPA 8270C          | 5056               |
|                              | HPLC-FLUOR | EPA 8310           | 4060               |
|                              | HPLC-UV    | ASTM D4657-92 (99) | 2589               |
|                              | HPLC-UV    | SM 18-20 6440B     | 5300               |
|                              | HPLC-UV    | EPA 610            | 5029               |
|                              | PREP       | EPA 3510C          | 4052               |
|                              | PREP       | EPA 3520C          | 4053               |
|                              | PREP       | EPA 3511           | 3511               |
| <b>Benzo(g,h,i)perylene</b>  | GC-MS      | EPA 8270-SIM       | 1170               |
|                              | GC-MS      | EPA 8270C          | 5056               |
|                              | HPLC-FLUOR | EPA 8310           | 4060               |
|                              | HPLC-UV    | ASTM D4657-92 (99) | 2589               |

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**Low Level Polynuclear Aromatics**

| Analyte                     | Technology      | Method Description | ELAP Method Number |
|-----------------------------|-----------------|--------------------|--------------------|
| <b>Benzo(g,h,i)perylene</b> | HPLC-UV         | EPA 610            | 5029               |
|                             | HPLC-UV         | SM 18-20 6440B     | 5300               |
|                             | PREP            | EPA 3510C          | 4052               |
|                             | PREP            | EPA 3520C          | 4053               |
|                             | PREP            | EPA 3511           | 3511               |
| <b>Benzo(a)pyrene</b>       | GC-MS           | EPA 8270-SIM       | 1170               |
|                             | GC-MS           | EPA 8270C          | 5056               |
|                             | HPLC-FLUOR      | EPA 8310           | 4060               |
|                             | HPLC-UV         | ASTM D4657-92 (99) | 2589               |
|                             | HPLC-UV         | SM 18-20 6440B     | 5300               |
|                             | HPLC-UV         | EPA 610            | 5029               |
|                             | PREP            | EPA 3510C          | 4052               |
|                             | PREP            | EPA 3520C          | 4053               |
|                             | PREP            | EPA 3511           | 3511               |
|                             | <b>Chrysene</b> | GC-MS              | EPA 8270C          |
| GC-MS                       |                 | EPA 8270-SIM       | 1170               |
| HPLC-FLUOR                  |                 | EPA 8310           | 4060               |
| HPLC-UV                     |                 | ASTM D4657-92 (99) | 2589               |
| HPLC-UV                     |                 | EPA 610            | 5029               |
| HPLC-UV                     |                 | SM 18-20 6440B     | 5300               |
| PREP                        |                 | EPA 3511           | 3511               |
| PREP                        |                 | EPA 3520C          | 4053               |

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**Low Level Polynuclear Aromatics**

| Analyte             | Technology                    | Method Description | ELAP Method Number |
|---------------------|-------------------------------|--------------------|--------------------|
| <b>Chrysene</b>     | PREP                          | EPA 3510C          | 4052               |
|                     | <b>Dibenzo(a,h)anthracene</b> | GC-MS              | EPA 8270-SIM       |
|                     | GC-MS                         | EPA 8270C          | 5056               |
|                     | HPLC-FLUOR                    | EPA 8310           | 4060               |
|                     | HPLC-UV                       | EPA 610            | 5029               |
|                     | HPLC-UV                       | SM 18-20 6440B     | 5300               |
|                     | HPLC-UV                       | ASTM D4657-92 (99) | 2589               |
|                     | PREP                          | EPA 3520C          | 4053               |
|                     | PREP                          | EPA 3510C          | 4052               |
|                     | PREP                          | EPA 3511           | 3511               |
| <b>Fluoranthene</b> | GC-MS                         | EPA 8270-SIM       | 1170               |
|                     | GC-MS                         | EPA 8270C          | 5056               |
|                     | HPLC-FLUOR                    | EPA 8310           | 4060               |
|                     | HPLC-UV                       | EPA 610            | 5029               |
|                     | HPLC-UV                       | ASTM D4657-92 (99) | 2589               |
|                     | HPLC-UV                       | SM 18-20 6440B     | 5300               |
|                     | PREP                          | EPA 3510C          | 4052               |
|                     | PREP                          | EPA 3511           | 3511               |
|                     | PREP                          | EPA 3520C          | 4053               |
| <b>Fluorene</b>     | GC-MS                         | EPA 8270-SIM       | 1170               |
|                     | GC-MS                         | EPA 8270C          | 5056               |
|                     | HPLC-FLUOR                    | EPA 8310           | 4060               |

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**Low Level Polynuclear Aromatics**

| Analyte                       | Technology         | Method Description | ELAP Method Number |      |
|-------------------------------|--------------------|--------------------|--------------------|------|
| <b>Fluorene</b>               | HPLC-UV            | ASTM D4657-92 (99) | 2589               |      |
|                               | HPLC-UV            | EPA 610            | 5029               |      |
|                               | HPLC-UV            | SM 18-20 6440B     | 5300               |      |
|                               | PREP               | EPA 3510C          | 4052               |      |
|                               | PREP               | EPA 3520C          | 4053               |      |
|                               | PREP               | EPA 3511           | 3511               |      |
| <b>Indeno(1,2,3-cd)pyrene</b> | GC-MS              | EPA 8270-SIM       | 1170               |      |
|                               | GC-MS              | EPA 8270C          | 5056               |      |
|                               | HPLC-FLUOR         | EPA 8310           | 4060               |      |
|                               | HPLC-UV            | EPA 610            | 5029               |      |
|                               | HPLC-UV            | SM 18-20 6440B     | 5300               |      |
|                               | HPLC-UV            | ASTM D4657-92 (99) | 2589               |      |
|                               | PREP               | EPA 3511           | 3511               |      |
|                               | PREP               | EPA 3520C          | 4053               |      |
|                               | PREP               | EPA 3510C          | 4052               |      |
|                               | <b>Naphthalene</b> | GC-MS              | EPA 8270-SIM       | 1170 |
|                               |                    | GC-MS              | EPA 8270C          | 5056 |
|                               |                    | HPLC-FLUOR         | EPA 8310           | 4060 |
| HPLC-UV                       |                    | ASTM D4657-92 (99) | 2589               |      |
| HPLC-UV                       |                    | SM 18-20 6440B     | 5300               |      |
| HPLC-UV                       |                    | EPA 610            | 5029               |      |
| PREP                          |                    | EPA 3510C          | 4052               |      |

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| Analyte             | Technology | Method Description | ELAP Method Number |
|---------------------|------------|--------------------|--------------------|
| <b>Naphthalene</b>  | PREP       | EPA 3511           | 3511               |
|                     | PREP       | EPA 3520C          | 4053               |
| <b>Phenanthrene</b> | GC-MS      | EPA 8270-SIM       | 1170               |
|                     | GC-MS      | EPA 8270C          | 5056               |
|                     | HPLC-FLUOR | EPA 8310           | 4060               |
|                     | HPLC-UV    | ASTM D4657-92 (99) | 2589               |
|                     | HPLC-UV    | EPA 610            | 5029               |
|                     | HPLC-UV    | SM 18-20 6440B     | 5300               |
|                     | PREP       | EPA 3510C          | 4052               |
|                     | PREP       | EPA 3520C          | 4053               |
| <b>Pyrene</b>       | PREP       | EPA 3511           | 3511               |
|                     | GC-MS      | EPA 8270-SIM       | 1170               |
|                     | GC-MS      | EPA 8270C          | 5056               |
|                     | HPLC-FLUOR | EPA 8310           | 4060               |
|                     | HPLC-UV    | EPA 610            | 5029               |
|                     | HPLC-UV    | ASTM D4657-92 (99) | 2589               |
|                     | HPLC-UV    | SM 18-20 6440B     | 5300               |
|                     | PREP       | EPA 3520C          | 4053               |
|                     | PREP       | EPA 3510C          | 4052               |
|                     | PREP       | EPA 3511           | 3511               |

**Priority Pollutant Phenols**

| Analyte | Technology | Method Description | ELAP Method Number |
|---------|------------|--------------------|--------------------|
|---------|------------|--------------------|--------------------|

|   |                           |                          |                          |
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**Priority Pollutant Phenols**

| Analyte                        | Technology | Method Description  | ELAP Method Number |
|--------------------------------|------------|---------------------|--------------------|
| <b>4-Chloro-3-methylphenol</b> | GC-FID     | EPA 8041            | 4044               |
|                                | GC-FID     | SM 18-20 6420B (00) | 5305               |
|                                | GC-FID     | EPA 604             | 5042               |
|                                | GC-MS      | EPA 1625B           | 5030               |
|                                | GC-MS      | SM 18-20 6410B (00) | 5200               |
|                                | GC-MS      | EPA 625             | 5005               |
|                                | GC-MS      | EPA 8270C           | 5056               |
|                                | PREP       | EPA 3510C           | 4052               |
|                                | PREP       | EPA 3520C           | 4053               |
| <b>2-Chlorophenol</b>          | GC-FID     | EPA 8041            | 4044               |
|                                | GC-FID     | EPA 604             | 5042               |
|                                | GC-FID     | SM 18-20 6420B (00) | 5305               |
|                                | GC-MS      | EPA 625             | 5005               |
|                                | GC-MS      | EPA 1625B           | 5030               |
|                                | GC-MS      | SM 18-20 6410B (00) | 5200               |
|                                | GC-MS      | EPA 8270C           | 5056               |
|                                | PREP       | EPA 3510C           | 4052               |
|                                | PREP       | EPA 3520C           | 4053               |
| <b>2,4-Dichlorophenol</b>      | GC-FID     | EPA 8041            | 4044               |
|                                | GC-FID     | EPA 604             | 5042               |
|                                | GC-FID     | SM 18-20 6420B (00) | 5305               |
|                                | GC-MS      | EPA 625             | 5005               |

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**Priority Pollutant Phenols**

| Analyte                   | Technology               | Method Description  | ELAP Method Number  |
|---------------------------|--------------------------|---------------------|---------------------|
| <b>2,4-Dichlorophenol</b> | GC-MS                    | EPA 1653            | 1653                |
|                           | GC-MS                    | EPA 8270C           | 5056                |
|                           | GC-MS                    | EPA 1625B           | 5030                |
|                           | GC-MS                    | SM 18-20 6410B (00) | 5200                |
|                           | PREP                     | EPA 3520C           | 4053                |
|                           | PREP                     | EPA 3510C           | 4052                |
| <b>2,6-Dichlorophenol</b> | GC-FID                   | EPA 8041            | 4044                |
|                           | GC-MS                    | EPA 1653            | 1653                |
|                           | GC-MS                    | EPA 8270C           | 5056                |
| <b>2,4-Dimethylphenol</b> | GC-FID                   | EPA 604             | 5042                |
|                           | GC-FID                   | EPA 8041            | 4044                |
|                           | GC-FID                   | SM 18-20 6420B (00) | 5305                |
|                           | GC-MS                    | EPA 8270C           | 5056                |
|                           | GC-MS                    | SM 18-20 6410B (00) | 5200                |
|                           | GC-MS                    | EPA 625             | 5005                |
|                           | GC-MS                    | EPA 1625B           | 5030                |
|                           | PREP                     | EPA 3520C           | 4053                |
|                           | PREP                     | EPA 3510C           | 4052                |
|                           | <b>2,4-Dinitrophenol</b> | GC-FID              | SM 18-20 6420B (00) |
| GC-FID                    |                          | EPA 8041            | 4044                |
| GC-FID                    |                          | EPA 604             | 5042                |
| GC-MS                     |                          | EPA 1625B           | 5030                |

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**Priority Pollutant Phenols**

| Analyte                           | Technology           | Method Description  | ELAP Method Number  |
|-----------------------------------|----------------------|---------------------|---------------------|
| <b>2,4-Dinitrophenol</b>          | GC-MS                | EPA 8270C           | 5056                |
|                                   | GC-MS                | SM 18-20 6410B (00) | 5200                |
|                                   | GC-MS                | EPA 625             | 5005                |
|                                   | PREP                 | EPA 3520C           | 4053                |
|                                   | PREP                 | EPA 3510C           | 4052                |
| <b>2-Methyl-4,6-dinitrophenol</b> | GC-FID               | SM 18-20 6420B (00) | 5305                |
|                                   | GC-FID               | EPA 8041            | 4044                |
|                                   | GC-FID               | EPA 604             | 5042                |
|                                   | GC-MS                | EPA 625             | 5005                |
|                                   | GC-MS                | SM 18-20 6410B (00) | 5200                |
|                                   | GC-MS                | EPA 8270C           | 5056                |
|                                   | GC-MS                | EPA 1625B           | 5030                |
|                                   | PREP                 | EPA 3520C           | 4053                |
|                                   | PREP                 | EPA 3510C           | 4052                |
|                                   | <b>2-Nitrophenol</b> | GC-FID              | SM 18-20 6420B (00) |
| GC-FID                            |                      | EPA 604             | 5042                |
| GC-FID                            |                      | EPA 8041            | 4044                |
| GC-MS                             |                      | EPA 8270C           | 5056                |
| GC-MS                             |                      | EPA 1625B           | 5030                |
| GC-MS                             |                      | EPA 625             | 5005                |
| GC-MS                             |                      | SM 18-20 6410B (00) | 5200                |
| PREP                              |                      | EPA 3510C           | 4052                |

|   |                           |                          |                          |
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**Priority Pollutant Phenols**

| Analyte               | Technology            | Method Description  | ELAP Method Number |
|-----------------------|-----------------------|---------------------|--------------------|
| <b>2-Nitrophenol</b>  | PREP                  | EPA 3520C           | 4053               |
| <b>4-Nitrophenol</b>  | GC-FID                | SM 18-20 6420B (00) | 5305               |
|                       | GC-FID                | EPA 604             | 5042               |
|                       | GC-FID                | EPA 8041            | 4044               |
|                       | GC-MS                 | EPA 1625B           | 5030               |
|                       | GC-MS                 | EPA 625             | 5005               |
|                       | GC-MS                 | SM 18-20 6410B (00) | 5200               |
|                       | GC-MS                 | EPA 8270C           | 5056               |
|                       | PREP                  | EPA 3520C           | 4053               |
|                       | PREP                  | EPA 3510C           | 4052               |
|                       | <b>2-Methylphenol</b> | GC-FID              | EPA 8041           |
| GC-FTIR               |                       | EPA 8410            | 8410               |
| GC-MS                 |                       | EPA 8270C           | 5056               |
| PREP                  |                       | EPA 3520C           | 4053               |
| PREP                  |                       | EPA 3510C           | 4052               |
| <b>3-Methylphenol</b> |                       | GC-FID              | EPA 8041           |
|                       | GC-MS                 | EPA 8270C           | 5056               |
| <b>4-Methylphenol</b> | GC-FID                | EPA 8041            | 4044               |
|                       | GC-FTIR               | EPA 8410            | 8410               |
|                       | GC-MS                 | EPA 8270C           | 5056               |
|                       | PREP                  | EPA 3510C           | 4052               |
|                       | PREP                  | EPA 3520C           | 4053               |

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**Priority Pollutant Phenols**

| Analyte                  | Technology    | Method Description  | ELAP Method Number |
|--------------------------|---------------|---------------------|--------------------|
| <b>Cresols, Total</b>    | GC-MS         | EPA 8270C           | 5056               |
|                          | GC-MS         | EPA 625             | 5005               |
| <b>Pentachlorophenol</b> | GC-ECD        | EPA 8151A           | 4100               |
|                          | GC-ECD        | SM 18-20 6630B      | 5201               |
|                          | GC-ECD        | EPA 1978 P. 140     | 5050               |
|                          | GC-FID        | EPA 8041            | 4044               |
|                          | GC-FID        | EPA 604             | 5042               |
|                          | GC-MS         | EPA 1625B           | 5030               |
|                          | GC-MS         | EPA 8270C           | 5056               |
|                          | GC-MS         | SM 18-20 6410B (00) | 5200               |
|                          | GC-MS         | EPA 1653            | 1653               |
|                          | GC-MS         | EPA 625             | 5005               |
|                          | PREP          | EPA 3510C           | 4052               |
|                          | PREP          | EPA 3520C           | 4053               |
|                          | <b>Phenol</b> | GC-FID              | EPA 604            |
| GC-FID                   |               | SM 18-20 6420B (00) | 5305               |
| GC-FID                   |               | EPA 8041            | 4044               |
| GC-MS                    |               | EPA 1625B           | 5030               |
| GC-MS                    |               | EPA 8270C           | 5056               |
| GC-MS                    |               | SM 18-20 6410B (00) | 5200               |
| GC-MS                    |               | EPA 625             | 5005               |
| PREP                     |               | EPA 3520C           | 4053               |

|   |                           |                          |                          |
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**Priority Pollutant Phenols**

| Analyte                          | Technology | Method Description | ELAP Method Number |
|----------------------------------|------------|--------------------|--------------------|
| <b>Phenol</b>                    | PREP       | EPA 3510C          | 4052               |
| <b>2,3,4,6 Tetrachlorophenol</b> | GC-FID     | EPA 8041           | 4044               |
|                                  | GC-MS      | EPA 8270C          | 5056               |
|                                  | GC-MS      | EPA 1653           | 1653               |
| <b>2,4,5-Trichlorophenol</b>     | GC-MS      | EPA 1625B          | 5030               |
|                                  | GC-MS      | EPA 8270C          | 5056               |
|                                  | GC-MS      | EPA 1653           | 1653               |
|                                  | GC-MS      | EPA 625            | 5005               |
|                                  | PREP       | EPA 3520C          | 4053               |
|                                  | PREP       | EPA 3510C          | 4052               |
| <b>2,4,6-Trichlorophenol</b>     | GC-FID     | EPA 8041           | 4044               |
|                                  | GC-FID     | EPA 604            | 5042               |
|                                  | GC-MS      | EPA 8270C          | 5056               |
|                                  | GC-MS      | EPA 1653           | 1653               |
|                                  | GC-MS      | EPA 625            | 5005               |
|                                  | GC-MS      | EPA 1625B          | 5030               |
|                                  | PREP       | EPA 3520C          | 4053               |
|                                  | PREP       | EPA 3510C          | 4052               |

**Purgeable Aromatics**

| Analyte        | Technology | Method Description | ELAP Method Number |
|----------------|------------|--------------------|--------------------|
| <b>Benzene</b> | GC-ELCD    | SM 20 6200C (97)   | 5107               |
|                | GC-ELCD    | SM 18-19 6220B     | 5302               |

|   |                           |                          |                          |
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**Purgeable Aromatics**

| Analyte              | Technology | Method Description  | ELAP Method Number |
|----------------------|------------|---------------------|--------------------|
| <b>Benzene</b>       | GC-ELCD    | SM 20 6200B (97)    | 5082               |
|                      | GCELCD/PID | EPA 8021B           | 4095               |
|                      | GC-HRMS    | EPA 1624B           | 5037               |
|                      | GC-MS      | USGS O-4127-96      | 3106               |
|                      | GC-MS      | EPA 624             | 5036               |
|                      | GC-MS      | SM 18-19 6210B      | 5303               |
|                      | GC-MS      | EPA 8260B           | 4094               |
|                      | GC-PID     | EPA 602             | 5040               |
|                      | PREP       | EPA 3511            | 3511               |
|                      | PREP       | EPA 5030B           | 4058               |
| <b>Chlorobenzene</b> | GC-ECD     | EPA 1978, p. 130    | 5031               |
|                      | GC-ELCD    | SM 18-19 6220B      | 5302               |
|                      | GC-ELCD    | EPA 601             | 5035               |
|                      | GC-ELCD    | SM 20 6200C (97)    | 5107               |
|                      | GC-ELCD    | SM 18-19 6230B      | 5304               |
|                      | GC-ELCD    | SM 20 6200B (97)    | 5082               |
|                      | GCELCD/PID | EPA 8021B           | 4095               |
|                      | GC-HRMS    | EPA 1624B           | 5037               |
|                      | GC-MS      | EPA 8260B           | 4094               |
|                      | GC-MS      | SM 18-20 6410B (00) | 5200               |
|                      | GC-MS      | EPA 624             | 5036               |
|                      | GC-MS      | SM 18-19 6210B      | 5303               |

|   |                           |                          |                          |
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**Purgeable Aromatics**

| Analyte                    | Technology | Method Description  | ELAP Method Number |
|----------------------------|------------|---------------------|--------------------|
| <b>Chlorobenzene</b>       | GC-MS      | USGS O-4127-96      | 3106               |
|                            | GC-PID     | EPA 602             | 5040               |
|                            | PREP       | EPA 5030B           | 4058               |
| <b>1,2-Dichlorobenzene</b> | GC-ELCD    | EPA 601             | 5035               |
|                            | GC-ELCD    | SM 20 6200C (97)    | 5107               |
|                            | GC-ELCD    | SM 18-19 6220B      | 5302               |
|                            | GC-ELCD    | SM 18-19 6230B      | 5304               |
|                            | GCELCD/PID | EPA 8021B           | 4095               |
|                            | GC-HRMS    | EPA 1624B           | 5037               |
|                            | GC-MS      | SM 18-19 6210B      | 5303               |
|                            | GC-MS      | SM 18-20 6410B (00) | 5200               |
|                            | GC-MS      | USGS O-4127-96      | 3106               |
|                            | GC-MS      | EPA 8270C           | 5056               |
|                            | GC-MS      | EPA 625             | 5005               |
|                            | GC-MS      | EPA 624             | 5036               |
|                            | GC-MS      | EPA 1625B           | 5030               |
|                            | GC-MS      | EPA 8260B           | 4094               |
|                            | GC-PID     | EPA 602             | 5040               |
|                            | PREP       | EPA 5030B           | 4058               |
|                            | PREP       | EPA 3510C           | 4052               |
| PREP                       | EPA 3520C  | 4053                |                    |
| <b>1,3-Dichlorobenzene</b> | GC-ELCD    | SM 20 6200C (97)    | 5107               |

|   |                           |                          |                          |
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**Purgeable Aromatics**

| Analyte                    | Technology | Method Description  | ELAP Method Number |
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| <b>1,3-Dichlorobenzene</b> | GC-ELCD    | SM 18-19 6230B      | 5304               |
|                            | GC-ELCD    | SM 18-19 6220B      | 5302               |
|                            | GC-ELCD    | EPA 601             | 5035               |
|                            | GCELCD/PID | EPA 8021B           | 4095               |
|                            | GC-MS      | EPA 624             | 5036               |
|                            | GC-MS      | SM 18-19 6210B      | 5303               |
|                            | GC-MS      | EPA 625             | 5005               |
|                            | GC-MS      | USGS O-4127-96      | 3106               |
|                            | GC-MS      | SM 18-20 6410B (00) | 5200               |
|                            | GC-MS      | EPA 1625B           | 5030               |
|                            | GC-MS      | EPA 8260B           | 4094               |
|                            | GC-MS      | EPA 8270C           | 5056               |
|                            | GC-PID     | EPA 602             | 5040               |
|                            | PREP       | EPA 3510C           | 4052               |
|                            | PREP       | EPA 5030B           | 4058               |
| <b>1,4-Dichlorobenzene</b> | PREP       | EPA 3520C           | 4053               |
|                            | GC-ELCD    | SM 18-19 6230B      | 5304               |
|                            | GC-ELCD    | SM 20 6200C (97)    | 5107               |
|                            | GC-ELCD    | EPA 601             | 5035               |
|                            | GC-ELCD    | SM 18-19 6220B      | 5302               |
|                            | GCELCD/PID | EPA 8021B           | 4095               |
|                            | GC-MS      | EPA 8260B           | 4094               |

|   |                           |                          |                          |
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**Purgeable Aromatics**

| Analyte                       | Technology                    | Method Description  | ELAP Method Number |      |
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| <b>1,4-Dichlorobenzene</b>    | GC-MS                         | SM 18-20 6410B (00) | 5200               |      |
|                               | GC-MS                         | EPA 8270C           | 5056               |      |
|                               | GC-MS                         | EPA 1625B           | 5030               |      |
|                               | GC-MS                         | EPA 625             | 5005               |      |
|                               | GC-MS                         | EPA 624             | 5036               |      |
|                               | GC-MS                         | SM 18-19 6210B      | 5303               |      |
|                               | GC-MS                         | USGS O-4127-96      | 3106               |      |
|                               | GC-PID                        | EPA 602             | 5040               |      |
|                               | PREP                          | EPA 3520C           | 4053               |      |
|                               | PREP                          | EPA 5030B           | 4058               |      |
|                               | PREP                          | EPA 3510C           | 4052               |      |
|                               | <b>1,2,4-Trimethylbenzene</b> | GCELCD/PID          | EPA 8021B          | 4095 |
|                               |                               | GC-MS               | EPA 8260B          | 4094 |
| <b>1,3,5-Trimethylbenzene</b> | GCELCD/PID                    | EPA 8021B           | 4095               |      |
|                               | GC-MS                         | EPA 8260B           | 4094               |      |
| <b>Ethyl benzene</b>          | GC-ELCD                       | SM 20 6200C (97)    | 5107               |      |
|                               | GC-ELCD                       | SM 18-19 6220B      | 5302               |      |
|                               | GC-ELCD                       | SM 20 6200B (97)    | 5082               |      |
|                               | GCELCD/PID                    | EPA 8021B           | 4095               |      |
|                               | GC-HRMS                       | EPA 1624B           | 5037               |      |
|                               | GC-MS                         | SM 18-20 6410B (00) | 5200               |      |
|                               | GC-MS                         | SM 18-19 6210B      | 5303               |      |

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**Purgeable Aromatics**

| Analyte                              | Technology | Method Description | ELAP Method Number |
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| <b>Ethyl benzene</b>                 | GC-MS      | EPA 624            | 5036               |
|                                      | GC-MS      | USGS O-4127-96     | 3106               |
|                                      | GC-MS      | EPA 8260B          | 4094               |
|                                      | GC-PID     | EPA 602            | 5040               |
|                                      | PREP       | EPA 3511           | 3511               |
|                                      | PREP       | EPA 5030B          | 4058               |
| <b>Isopropylbenzene</b>              | GCELCD/PID | EPA 8021B          | 4095               |
|                                      | GC-MS      | EPA 8260B          | 4094               |
| <b>n-Butylbenzene</b>                | GCELCD/PID | EPA 8021B          | 4095               |
|                                      | GC-MS      | EPA 8260B          | 4094               |
| <b>n-Propylbenzene</b>               | GCELCD/PID | EPA 8021B          | 4095               |
|                                      | GC-MS      | EPA 8260B          | 4094               |
| <b>p-Isopropyltoluene (P-Cymene)</b> | GCELCD/PID | EPA 8021B          | 4095               |
|                                      | GC-MS      | EPA 8260B          | 4094               |
|                                      | GC-ELCD    | SM 18-19 6220B     | 5302               |
| <b>Toluene</b>                       | GC-ELCD    | SM 20 6200B (97)   | 5082               |
|                                      | GC-ELCD    | SM 20 6200C (97)   | 5107               |
|                                      | GCELCD/PID | EPA 8021B          | 4095               |
|                                      | GC-HRMS    | EPA 1624B          | 5037               |
|                                      | GC-MS      | EPA 8260B          | 4094               |
|                                      | GC-MS      | USGS O-4127-96     | 3106               |
|                                      | GC-MS      | EPA 624            | 5036               |

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***Purgeable Aromatics***

| Analyte                  | Technology | Method Description | ELAP Method Number |
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| <b>Toluene</b>           | GC-MS      | SM 18-19 6210B     | 5303               |
|                          | GC-PID     | EPA 602            | 5040               |
|                          | PREP       | EPA 3511           | 3511               |
| <b>Total Xylenes</b>     | PREP       | EPA 5030B          | 4058               |
|                          | GC-ELCD    | SM 20 6200C (97)   | 5107               |
|                          | GCELCD/PID | EPA 8021B          | 4095               |
|                          | GC-HRMS    | EPA 1624B          | 5037               |
|                          | GC-MS      | EPA 8260B          | 4094               |
|                          | GC-MS      | USGS O-4127-96     | 3106               |
|                          | GC-MS      | EPA 624            | 5036               |
|                          | GC-PID     | EPA 602            | 5040               |
|                          | GC-PID     | EPA 503.1          | 5053               |
|                          | PREP       | EPA 3511           | 3511               |
| <b>sec-Butylbenzene</b>  | PREP       | EPA 5030B          | 4058               |
|                          | GCELCD/PID | EPA 8021B          | 4095               |
| <b>tert-Butylbenzene</b> | GC-MS      | EPA 8260B          | 4094               |
|                          | GCELCD/PID | EPA 8021B          | 4095               |
| <b>Styrene</b>           | GC-MS      | EPA 8260B          | 4094               |
|                          | GCELCD/PID | EPA 8021B          | 4095               |
|                          | GCELCD/PID | SM 18-19 6230D     | 5204               |
|                          | GC-MS      | EPA 8260B          | 4094               |
|                          | GC-MS      | EPA 624            | 5036               |

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**Purgeable Aromatics**

| Analyte        | Technology | Method Description | ELAP Method Number |
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| <b>Styrene</b> | GC-MS      | EPA 1625B          | 5030               |
|                | PREP       | EPA 3511           | 3511               |
|                | PREP       | EPA 5030B          | 4058               |

**Purgeable Halocarbons**

| Analyte                     | Technology | Method Description  | ELAP Method Number |
|-----------------------------|------------|---------------------|--------------------|
| <b>Bromochloromethane</b>   | GCELCD/PID | EPA 8021B           | 4095               |
|                             | GCELCD/PID | SM 18-19 6230D      | 5204               |
|                             | GC-MS      | EPA 8260B           | 4094               |
|                             | PREP       | EPA 5030B           | 4058               |
| <b>Bromodichloromethane</b> | GC-ELCD    | NYS DOH 310-11      | 5054               |
|                             | GC-ELCD    | SM 20 6200B (97)    | 5082               |
|                             | GC-ELCD    | SM 18-19 6230B      | 5304               |
|                             | GC-ELCD    | SM 20 6200C (97)    | 5107               |
|                             | GC-ELCD    | EPA 601             | 5035               |
|                             | GCELCD/PID | EPA 8021B           | 4095               |
|                             | GC-HRMS    | EPA 1624B           | 5037               |
|                             | GC-MS      | SM 18-20 6410B (00) | 5200               |
|                             | GC-MS      | EPA 8260B           | 4094               |
|                             | GC-MS      | USGS O-4127-96      | 3106               |
|                             | GC-MS      | EPA 624             | 5036               |
|                             | GC-MS      | SM 18-19 6210B      | 5303               |
| PREP                        | EPA 5030B  | 4058                |                    |

|   |                           |                          |                          |
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**Purgeable Halocarbons**

| Analyte          | Technology          | Method Description  | ELAP Method Number |      |
|------------------|---------------------|---------------------|--------------------|------|
| <b>Bromoform</b> | GC-ELCD             | NYS DOH 310-11      | 5054               |      |
|                  | GC-ELCD             | SM 18-19 6230B      | 5304               |      |
|                  | GC-ELCD             | SM 20 6200B (97)    | 5082               |      |
|                  | GC-ELCD             | SM 20 6200C (97)    | 5107               |      |
|                  | GC-ELCD             | EPA 601             | 5035               |      |
|                  | GCELCD/PID          | EPA 8021B           | 4095               |      |
|                  | GC-HRMS             | EPA 1624B           | 5037               |      |
|                  | GC-MS               | SM 18-20 6410B (00) | 5200               |      |
|                  | GC-MS               | SM 18-19 6210B      | 5303               |      |
|                  | GC-MS               | EPA 624             | 5036               |      |
|                  | GC-MS               | USGS O-4127-96      | 3106               |      |
|                  | GC-MS               | EPA 8260B           | 4094               |      |
|                  | PREP                | EPA 5030B           | 4058               |      |
|                  | <b>Bromomethane</b> | GC-ELCD             | SM 20 6200B (97)   | 5082 |
|                  |                     | GC-ELCD             | EPA 601            | 5035 |
| GC-ELCD          |                     | SM 18-19 6230B      | 5304               |      |
| GC-ELCD          |                     | SM 20 6200C (97)    | 5107               |      |
| GCELCD/PID       |                     | EPA 8021B           | 4095               |      |
| GC-HRMS          |                     | EPA 1624B           | 5037               |      |
| GC-MS            |                     | EPA 8260B           | 4094               |      |
| GC-MS            |                     | SM 18-20 6410B (00) | 5200               |      |
| GC-MS            |                     | EPA 624             | 5036               |      |

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**Purgeable Halocarbons**

| Analyte                     | Technology          | Method Description  | ELAP Method Number |      |
|-----------------------------|---------------------|---------------------|--------------------|------|
| <b>Bromomethane</b>         | GC-MS               | SM 18-19 6210B      | 5303               |      |
|                             | GC-MS               | USGS O-4127-96      | 3106               |      |
|                             | PREP                | EPA 5030B           | 4058               |      |
| <b>Carbon tetrachloride</b> | GC-ECD              | EPA 1978, p. 130    | 5031               |      |
|                             | GC-ELCD             | SM 18-19 6230B      | 5304               |      |
|                             | GC-ELCD             | EPA 601             | 5035               |      |
|                             | GC-ELCD             | SM 20 6200C (97)    | 5107               |      |
|                             | GC-ELCD             | NYS DOH 310-11      | 5054               |      |
|                             | GCELCD/PID          | EPA 8021B           | 4095               |      |
|                             | GC-HRMS             | EPA 1624B           | 5037               |      |
|                             | GC-MS               | SM 18-19 6210B      | 5303               |      |
|                             | GC-MS               | EPA 624             | 5036               |      |
|                             | GC-MS               | USGS O-4127-96      | 3106               |      |
|                             | GC-MS               | SM 18-20 6410B (00) | 5200               |      |
|                             | GC-MS               | EPA 8260B           | 4094               |      |
|                             | PREP                | EPA 5030B           | 4058               |      |
|                             | <b>Chloroethane</b> | GC-ELCD             | EPA 601            | 5035 |
|                             |                     | GC-ELCD             | SM 20 6200B (97)   | 5082 |
| GC-ELCD                     |                     | SM 18-19 6230B      | 5304               |      |
| GC-ELCD                     |                     | SM 20 6200C (97)    | 5107               |      |
| GCELCD/PID                  |                     | EPA 8021B           | 4095               |      |
| GC-HRMS                     |                     | EPA 1624B           | 5037               |      |

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**Purgeable Halocarbons**

| Analyte                                     | Technology                      | Method Description  | ELAP Method Number |      |
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| <b>Chloroethane</b>                         | GC-MS                           | EPA 624             | 5036               |      |
|   | GC-MS                           | USGS O-4127-96      | 3106               |      |
|   | GC-MS                           | SM 18-20 6410B (00) | 5200               |      |
|   | GC-MS                           | SM 18-19 6210B      | 5303               |      |
|   | GC-MS                           | EPA 8260B           | 4094               |      |
|   | PREP                            | EPA 5030B           | 4058               |      |
| <b>2-Chloro-1,3-butadiene (Chloroprene)</b> | GCELCD/PID                      | EPA 8021B           | 4095               |      |
|   | GC-MS                           | EPA 8260B           | 4094               |      |
|   | PREP                            | EPA 5030B           | 4058               |      |
|   | <b>2-Chloroethylvinyl ether</b> | GC-ELCD             | SM 18-19 6230B     | 5304 |
| GC-ELCD                                     |                                 | EPA 601             | 5035               |      |
| GC-ELCD                                     |                                 | SM 20 6200C (97)    | 5107               |      |
| GC-ELCD                                     |                                 | SM 20 6200B (97)    | 5082               |      |
| GCELCD/PID                                  |                                 | EPA 8021B           | 4095               |      |
| GC-HRMS                                     |                                 | EPA 1624B           | 5037               |      |
| GC-MS                                       |                                 | SM 18-19 6210B      | 5303               |      |
| GC-MS                                       |                                 | EPA 8260B           | 4094               |      |
| GC-MS                                       |                                 | SM 18-20 6410B (00) | 5200               |      |
| GC-MS                                       |                                 | EPA 624             | 5036               |      |
| PREP  |                                 | EPA 5030B           | 4058               |      |
| <b>Chloroform</b>                           |                                 | GC-ECD              | EPA 1978, p. 130   | 5031 |
|   |                                 | GC-ELCD             | EPA 601            | 5035 |

|   |                           |                          |                          |
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**Purgeable Halocarbons**

| Analyte           | Technology           | Method Description  | ELAP Method Number |      |
|-------------------|----------------------|---------------------|--------------------|------|
| <b>Chloroform</b> | GC-ELCD              | SM 18-19 6230B      | 5304               |      |
|                   | GC-ELCD              | SM 20 6200B (97)    | 5082               |      |
|                   | GC-ELCD              | NYS DOH 310-11      | 5054               |      |
|                   | GC-ELCD              | SM 20 6200C (97)    | 5107               |      |
|                   | GCELCD/PID           | EPA 8021B           | 4095               |      |
|                   | GC-HRMS              | EPA 1624B           | 5037               |      |
|                   | GC-MS                | EPA 8260B           | 4094               |      |
|                   | GC-MS                | SM 18-19 6210B      | 5303               |      |
|                   | GC-MS                | SM 18-20 6410B (00) | 5200               |      |
|                   | GC-MS                | EPA 624             | 5036               |      |
|                   | GC-MS                | USGS O-4127-96      | 3106               |      |
|                   | PREP                 | EPA 5030B           | 4058               |      |
|                   | <b>Chloromethane</b> | GC-ELCD             | SM 20 6200B (97)   | 5082 |
|                   |                      | GC-ELCD             | EPA 601            | 5035 |
| GC-ELCD           |                      | SM 20 6200C (97)    | 5107               |      |
| GC-ELCD           |                      | SM 18-19 6230B      | 5304               |      |
| GCELCD/PID        |                      | EPA 8021B           | 4095               |      |
| GC-HRMS           |                      | EPA 1624B           | 5037               |      |
| GC-MS             |                      | EPA 8260B           | 4094               |      |
| GC-MS             |                      | SM 18-20 6410B (00) | 5200               |      |
| GC-MS             |                      | EPA 624             | 5036               |      |
| GC-MS             |                      | SM 18-19 6210B      | 5303               |      |

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**Purgeable Halocarbons**

| Analyte                                 | Technology | Method Description  | ELAP Method Number |
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| <b>Chloromethane</b>                    | GC-MS      | USGS O-4127-96      | 3106               |
|   | PREP       | EPA 5030B           | 4058               |
| <b>3-Chloropropene (Allyl chloride)</b> | GCELCD/PID | EPA 8021B           | 4095               |
|   | GC-MS      | EPA 8260B           | 4094               |
|   | PREP       | EPA 5030B           | 4058               |
| <b>Dibromochloromethane</b>             | GC-ELCD    | SM 20 6200C (97)    | 5107               |
|   | GC-ELCD    | SM 18-19 6230B      | 5304               |
|   | GC-ELCD    | SM 20 6200B (97)    | 5082               |
|   | GC-ELCD    | NYS DOH 310-11      | 5054               |
|   | GC-ELCD    | EPA 601             | 5035               |
|   | GCELCD/PID | EPA 8021B           | 4095               |
|   | GC-HRMS    | EPA 1624B           | 5037               |
|   | GC-MS      | USGS O-4127-96      | 3106               |
|   | GC-MS      | SM 18-20 6410B (00) | 5200               |
|   | GC-MS      | EPA 624             | 5036               |
|   | GC-MS      | EPA 8260B           | 4094               |
|   | GC-MS      | SM 18-19 6210B      | 5303               |
|   | PREP       | EPA 5030B           | 4058               |
| <b>Dibromomethane</b>                   | GCELCD/PID | EPA 8021B           | 4095               |
|   | GCELCD/PID | SM 18-19 6230D      | 5204               |
|   | GC-MS      | EPA 8260B           | 4094               |
|   | PREP       | EPA 5030B           | 4058               |

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**Purgeable Halocarbons**

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| <b>Dichlorodifluoromethane</b>     | GC-ELCD    | SM 20 6200C (97)    | 5107               |
|                                    | GC-ELCD    | SM 18-19 6230B      | 5304               |
|                                    | GC-ELCD    | EPA 601             | 5035               |
|                                    | GCELCD/PID | EPA 8021B           | 4095               |
|                                    | GC-MS      | USGS O-4127-96      | 3106               |
|                                    | GC-MS      | EPA 8260B           | 4094               |
|                                    | GC-MS      | EPA 624             | 5036               |
|                                    | PREP       | EPA 5030B           | 4058               |
| <b>cis-1,4-Dichloro-2-butene</b>   | GC-MS      | EPA 8260B           | 4094               |
|                                    | PREP       | EPA 5030B           | 4058               |
| <b>trans-1,4-Dichloro-2-butene</b> | GC-MS      | EPA 8260B           | 4094               |
|                                    | PREP       | EPA 5030B           | 4058               |
| <b>1,1-Dichloroethane</b>          | GC-ELCD    | SM 18-19 6230B      | 5304               |
|                                    | GC-ELCD    | SM 20 6200B (97)    | 5082               |
|                                    | GC-ELCD    | EPA 601             | 5035               |
|                                    | GC-ELCD    | SM 20 6200C (97)    | 5107               |
|                                    | GCELCD/PID | EPA 8021B           | 4095               |
|                                    | GC-HRMS    | EPA 1624B           | 5037               |
|                                    | GC-MS      | EPA 624             | 5036               |
|                                    | GC-MS      | USGS O-4127-96      | 3106               |
|                                    | GC-MS      | SM 18-20 6410B (00) | 5200               |
|                                    | GC-MS      | EPA 8260B           | 4094               |

|   |                           |                          |                          |
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**Purgeable Halocarbons**

| Analyte                   | Technology | Method Description  | ELAP Method Number |
|---------------------------|------------|---------------------|--------------------|
| <b>1,1-Dichloroethane</b> | GC-MS      | SM 18-19 6210B      | 5303               |
|                           | PREP       | EPA 5030B           | 4058               |
| <b>1,2-Dichloroethane</b> | GC-ELCD    | SM 20 6200B (97)    | 5082               |
|                           | GC-ELCD    | EPA 601             | 5035               |
|                           | GC-ELCD    | SM 20 6200C (97)    | 5107               |
|                           | GC-ELCD    | SM 18-19 6230B      | 5304               |
|                           | GCELCD/PID | EPA 8021B           | 4095               |
|                           | GC-HRMS    | EPA 1624B           | 5037               |
|                           | GC-MS      | USGS O-4127-96      | 3106               |
|                           | GC-MS      | SM 18-20 6410B (00) | 5200               |
|                           | GC-MS      | EPA 8260B           | 4094               |
|                           | GC-MS      | EPA 624             | 5036               |
| <b>1,1-Dichloroethene</b> | GC-MS      | SM 18-19 6210B      | 5303               |
|                           | PREP       | EPA 5030B           | 4058               |
|                           | GC-ELCD    | SM 20 6200C (97)    | 5107               |
|                           | GC-ELCD    | EPA 601             | 5035               |
|                           | GC-ELCD    | SM 18-19 6230B      | 5304               |
|                           | GCELCD/PID | EPA 8021B           | 4095               |
|                           | GC-HRMS    | EPA 1624B           | 5037               |
|                           | GC-MS      | EPA 8260B           | 4094               |
|                           | GC-MS      | SM 18-20 6410B (00) | 5200               |
|                           | GC-MS      | SM 18-19 6210B      | 5303               |

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**Purgeable Halocarbons**

| Analyte                       | Technology                      | Method Description  | ELAP Method Number |
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| <b>1,1-Dichloroethene</b>     | GC-MS                           | USGS O-4127-96      | 3106               |
|                               | GC-MS                           | EPA 624             | 5036               |
|                               | PREP                            | EPA 5030B           | 4058               |
| <b>cis-1,2-Dichloroethene</b> | GC-ELCD                         | SM 20 6200C (97)    | 5107               |
|                               | GCELCD/PID                      | SM 18-19 6230D      | 5204               |
|                               | GCELCD/PID                      | EPA 8021B           | 4095               |
|                               | GC-MS                           | EPA 624             | 5036               |
|                               | GC-MS                           | EPA 8260B           | 4094               |
|                               | PREP                            | EPA 5030B           | 4058               |
|                               | <b>trans-1,2-Dichloroethene</b> | GC-ELCD             | SM 20 6200C (97)   |
|                               | GC-ELCD                         | SM 18-19 6230B      | 5304               |
|                               | GC-ELCD                         | EPA 601             | 5035               |
|                               | GC-ELCD                         | SM 20 6200B (97)    | 5082               |
|                               | GCELCD/PID                      | EPA 8021B           | 4095               |
|                               | GC-HRMS                         | EPA 1624B           | 5037               |
|                               | GC-MS                           | SM 18-19 6210B      | 5303               |
|                               | GC-MS                           | SM 18-20 6410B (00) | 5200               |
|                               | GC-MS                           | EPA 624             | 5036               |
|                               | GC-MS                           | EPA 8260B           | 4094               |
|                               | PREP                            | EPA 5030B           | 4058               |
| <b>1,1-Dichloropropene</b>    | GC-ELCD                         | SM 18-19 6230B      | 5304               |
|                               | GCELCD/PID                      | EPA 8021B           | 4095               |

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**Purgeable Halocarbons**

| Analyte                    | Technology                 | Method Description  | ELAP Method Number |
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| <b>1,1-Dichloropropene</b> | GC-MS                      | EPA 8260B           | 4094               |
|                            | PREP                       | EPA 5030B           | 4058               |
| <b>1,2-Dichloropropane</b> | GC-ELCD                    | SM 20 6200C (97)    | 5107               |
|                            | GC-ELCD                    | EPA 601             | 5035               |
|                            | GC-ELCD                    | SM 18-19 6230B      | 5304               |
|                            | GC-ELCD                    | SM 20 6200B (97)    | 5082               |
|                            | GCELCD/PID                 | EPA 8021B           | 4095               |
|                            | GC-HRMS                    | EPA 1624B           | 5037               |
|                            | GC-MS                      | SM 18-19 6210B      | 5303               |
|                            | GC-MS                      | EPA 8260B           | 4094               |
|                            | GC-MS                      | SM 18-20 6410B (00) | 5200               |
|                            | GC-MS                      | EPA 624             | 5036               |
|                            | GC-MS                      | USGS O-4127-96      | 3106               |
|                            | PREP                       | EPA 5030B           | 4058               |
|                            | <b>1,3-Dichloropropane</b> | GCELCD/PID          | EPA 8021B          |
| GCELCD/PID                 |                            | SM 18-19 6230D      | 5204               |
| GC-MS                      |                            | EPA 8260B           | 4094               |
| PREP                       |                            | EPA 5030B           | 4058               |
| <b>2,2-Dichloropropane</b> | GC-ELCD                    | SM 18-19 6230B      | 5304               |
|                            | GCELCD/PID                 | EPA 8021B           | 4095               |
|                            | GC-MS                      | EPA 8260B           | 4094               |
|                            | PREP                       | EPA 5030B           | 4058               |

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**Purgeable Halocarbons**

| Analyte                          | Technology                     | Method Description  | ELAP Method Number |      |
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| <b>trans-1,3-Dichloropropene</b> | GC-ELCD                        | EPA 601             | 5035               |      |
|                                  | GC-ELCD                        | SM 20 6200C (97)    | 5107               |      |
|                                  | GC-ELCD                        | SM 20 6200B (97)    | 5082               |      |
|                                  | GC-ELCD                        | SM 18-19 6230B      | 5304               |      |
|                                  | GCELCD/PID                     | EPA 8021B           | 4095               |      |
|                                  | GC-HRMS                        | EPA 1624B           | 5037               |      |
|                                  | GC-MS                          | EPA 8260B           | 4094               |      |
|                                  | GC-MS                          | SM 18-20 6410B (00) | 5200               |      |
|                                  | GC-MS                          | EPA 624             | 5036               |      |
|                                  | GC-MS                          | SM 18-19 6210B      | 5303               |      |
|                                  | GC-MS                          | USGS O-4127-96      | 3106               |      |
|                                  | PREP                           | EPA 5030B           | 4058               |      |
|                                  | <b>cis-1,3-Dichloropropene</b> | GC-ELCD             | SM 20 6200C (97)   | 5107 |
|                                  |                                | GC-ELCD             | EPA 601            | 5035 |
| GC-ELCD                          |                                | SM 18-19 6230B      | 5304               |      |
| GC-ELCD                          |                                | SM 20 6200B (97)    | 5082               |      |
| GCELCD/PID                       |                                | EPA 8021B           | 4095               |      |
| GC-HRMS                          |                                | EPA 1624B           | 5037               |      |
| GC-MS                            |                                | EPA 8260B           | 4094               |      |
| GC-MS                            |                                | SM 18-20 6410B (00) | 5200               |      |
| GC-MS                            |                                | USGS O-4127-96      | 3106               |      |
| GC-MS                            |                                | EPA 624             | 5036               |      |

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| Analyte                          | Technology                       | Method Description | ELAP Method Number |
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| <b>cis-1,3-Dichloropropene</b>   | GC-MS                            | SM 18-19 6210B     | 5303               |
|                                  | PREP                             | EPA 5030B          | 4058               |
| <b>Methylene chloride</b>        | GC-ECD                           | EPA 1978, p. 130   | 5031               |
|                                  | GC-ELCD                          | EPA 601            | 5035               |
|                                  | GC-ELCD                          | SM 18-19 6230B     | 5304               |
|                                  | GC-ELCD                          | SM 20 6200C (97)   | 5107               |
|                                  | GCELCD/PID                       | EPA 8021B          | 4095               |
|                                  | GC-HRMS                          | EPA 1624B          | 5037               |
|                                  | GC-MS                            | EPA 8260B          | 4094               |
|                                  | GC-MS                            | USGS O-4127-96     | 3106               |
|                                  | GC-MS                            | EPA 624            | 5036               |
|                                  | GC-MS                            | SM 18-19 6210B     | 5303               |
|                                  | PREP                             | EPA 5030B          | 4058               |
|                                  | <b>1,1,1,2-Tetrachloroethane</b> | GC-ELCD            | SM 18-19 6230B     |
| GCELCD/PID                       |                                  | EPA 8021B          | 4095               |
| GC-MS                            |                                  | EPA 8260B          | 4094               |
| PREP                             |                                  | EPA 5030B          | 4058               |
| <b>1,1,2,2-Tetrachloroethane</b> | GC-ECD                           | EPA 1978, p. 130   | 5031               |
|                                  | GC-ELCD                          | SM 20 6200B (97)   | 5082               |
|                                  | GC-ELCD                          | EPA 601            | 5035               |
|                                  | GC-ELCD                          | SM 18-19 6230B     | 5304               |
|                                  | GC-ELCD                          | SM 20 6200C (97)   | 5107               |

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| Analyte                          | Technology | Method Description  | ELAP Method Number |
|----------------------------------|------------|---------------------|--------------------|
| <b>1,1,2,2-Tetrachloroethane</b> | GCELCD/PID | EPA 8021B           | 4095               |
|                                  | GC-HRMS    | EPA 1624B           | 5037               |
|                                  | GC-MS      | EPA 624             | 5036               |
|                                  | GC-MS      | USGS O-4127-96      | 3106               |
|                                  | GC-MS      | SM 18-20 6410B (00) | 5200               |
|                                  | GC-MS      | SM 18-19 6210B      | 5303               |
|                                  | GC-MS      | EPA 8260B           | 4094               |
| <b>Tetrachloroethene</b>         | PREP       | EPA 5030B           | 4058               |
|                                  | GC-ECD     | EPA 1978, p. 130    | 5031               |
|                                  | GC-ELCD    | NYS DOH 310-11      | 5054               |
|                                  | GC-ELCD    | SM 20 6200B (97)    | 5082               |
|                                  | GC-ELCD    | SM 18-19 6230B      | 5304               |
|                                  | GC-ELCD    | SM 20 6200C (97)    | 5107               |
|                                  | GC-ELCD    | EPA 601             | 5035               |
|                                  | GCELCD/PID | EPA 8021B           | 4095               |
|                                  | GC-HRMS    | EPA 1624B           | 5037               |
|                                  | GC-MS      | SM 18-19 6210B      | 5303               |
|                                  | GC-MS      | SM 18-20 6410B (00) | 5200               |
|                                  | GC-MS      | EPA 624             | 5036               |
|                                  | GC-MS      | EPA 8260B           | 4094               |
|                                  | GC-MS      | USGS O-4127-96      | 3106               |
|                                  | PREP       | EPA 5030B           | 4058               |

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| Analyte                      | Technology                   | Method Description | ELAP Method Number |      |
|------------------------------|------------------------------|--------------------|--------------------|------|
| <b>1,1,1-Trichloroethane</b> | GC-ELCD                      | SM 20 6200C (97)   | 5107               |      |
|                              | GC-ELCD                      | SM 20 6200B (97)   | 5082               |      |
|                              | GC-ELCD                      | SM 18-19 6230B     | 5304               |      |
|                              | GC-ELCD                      | NYS DOH 310-11     | 5054               |      |
|                              | GC-ELCD                      | EPA 601            | 5035               |      |
|                              | GCELCD/PID                   | EPA 8021B          | 4095               |      |
|                              | GC-HRMS                      | EPA 1624B          | 5037               |      |
|                              | GC-MS                        | USGS O-4127-96     | 3106               |      |
|                              | GC-MS                        | EPA 624            | 5036               |      |
|                              | GC-MS                        | SM 18-19 6210B     | 5303               |      |
|                              | GC-MS                        | EPA 8260B          | 4094               |      |
|                              | PREP                         | EPA 5030B          | 4058               |      |
|                              | <b>1,1,2-Trichloroethane</b> | GC-ELCD            | SM 18-19 6230B     | 5304 |
|                              |                              | GC-ELCD            | EPA 1978 p. 130    | 5301 |
| GC-ELCD                      |                              | SM 20 6200C (97)   | 5107               |      |
| GC-ELCD                      |                              | EPA 601            | 5035               |      |
| GC-ELCD                      |                              | SM 20 6200B (97)   | 5082               |      |
| GCELCD/PID                   |                              | EPA 8021B          | 4095               |      |
| GC-HRMS                      |                              | EPA 1624B          | 5037               |      |
| GC-MS                        |                              | EPA 8260B          | 4094               |      |
| GC-MS                        |                              | EPA 624            | 5036               |      |
| GC-MS                        |                              | USGS O-4127-96     | 3106               |      |

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**Purgeable Halocarbons**

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| <b>1,1,2-Trichloroethane</b>  | GC-MS      | SM 18-19 6210B     | 5303               |
|                               | PREP       | EPA 5030B          | 4058               |
| <b>Trichloroethene</b>        | GC-ELCD    | EPA 601            | 5035               |
|                               | GC-ELCD    | SM 18-19 6230B     | 5304               |
|                               | GC-ELCD    | SM 20 6200B (97)   | 5082               |
|                               | GC-ELCD    | SM 20 6200C (97)   | 5107               |
|                               | GC-ELCD    | NYS DOH 310-11     | 5054               |
|                               | GCELCD/PID | EPA 8021B          | 4095               |
|                               | GC-HRMS    | EPA 1624B          | 5037               |
|                               | GC-MS      | EPA 8260B          | 4094               |
|                               | GC-MS      | USGS O-4127-96     | 3106               |
|                               | GC-MS      | EPA 624            | 5036               |
| <b>Trichlorofluoromethane</b> | GC-MS      | SM 18-19 6210B     | 5303               |
|                               | PREP       | EPA 5030B          | 4058               |
|                               | GC-ELCD    | EPA 601            | 5035               |
|                               | GC-ELCD    | SM 20 6200B (97)   | 5082               |
|                               | GC-ELCD    | SM 20 6200C (97)   | 5107               |
|                               | GC-ELCD    | SM 18-19 6230B     | 5304               |
|                               | GCELCD/PID | EPA 8021B          | 4095               |
|                               | GC-MS      | EPA 624            | 5036               |
|                               | GC-MS      | USGS O-4127-96     | 3106               |
|                               | GC-MS      | SM 18-19 6210B     | 5303               |

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**Purgeable Halocarbons**

| Analyte                                      | Technology     | Method Description  | ELAP Method Number |
|--|----------------|---------------------|--------------------|
| <b>Trichlorofluoromethane</b>                | GC-MS          | EPA 8260B           | 4094               |
|  | PREP           | EPA 5030B           | 4058               |
| <b>1,2,3-Trichloropropane</b>                | GC-ELCD        | SM 18-19 6230B      | 5304               |
|  | GCELCD/PID     | EPA 8021B           | 4095               |
|  | GC-MS          | EPA 8260B           | 4094               |
|  | PREP           | EPA 5030B           | 4058               |
| <b>1,1,2-Trifluoro-1,2,2-Trichloroethane</b> | GC-FID         | EPA 8015 B          | 9994               |
|  | GC-MS          | EPA 8260B           | 4094               |
| <b>Vinyl chloride</b>                        | GC-ELCD        | SM 18-19 6230B      | 5304               |
|  | GC-ELCD        | SM 20 6200B (97)    | 5082               |
|  | GC-ELCD        | SM 20 6200C (97)    | 5107               |
|  | GC-ELCD        | EPA 601             | 5035               |
|  | GCELCD/PID     | EPA 8021B           | 4095               |
|  | GC-HRMS        | EPA 1624B           | 5037               |
|  | GC-MS          | EPA 8260B           | 4094               |
|  | GC-MS          | EPA 624             | 5036               |
|  | GC-MS          | USGS O-4127-96      | 3106               |
|  | GC-MS          | SM 18-20 6410B (00) | 5200               |
| GC-MS  | SM 18-19 6210B | 5303                |                    |
| PREP   | EPA 5030B      | 4058                |                    |

**Chlorinated Hydrocarbon Pesticides**

| Analyte | Technology | Method Description | ELAP Method Number |
|---------|------------|--------------------|--------------------|
|---------|------------|--------------------|--------------------|

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**Chlorinated Hydrocarbon Pesticides**

| Analyte          | Technology | Method Description  | ELAP Method Number |
|------------------|------------|---------------------|--------------------|
| <b>Aldrin</b>    | GC-ECD     | EPA 608             | 5047               |
|                  | GC-ECD     | SM 18-20 6630B      | 5201               |
|                  | GC-ECD     | EPA 1978, p. 7      | 5003               |
|                  | GC-ECD     | ASTM D5812-96 & 02  | 1142               |
|                  | GC-ECD     | USGS 1972, Bk5 p.30 | 5004               |
|                  | GC-ECD     | ASTM D3086-90       | 5002               |
|                  | GC-ECD     | SM 18-20 6630C      | 5202               |
|                  | GC-ECD     | EPA 8081A           | 4048               |
|                  | GC-MS      | EPA 8270C           | 5056               |
|                  | GC-MS      | SM 18-20 6410B (00) | 5200               |
|                  | GC-MS      | EPA 625             | 5005               |
|                  | PREP       | EPA 3535            | 4322               |
|                  | PREP       | EPA 3520C           | 4053               |
|                  | PREP       | EPA 3510C           | 4052               |
|                  | PREP       | 3M(0222)            | 9995               |
| <b>alpha-BHC</b> | GC-ECD     | SM 18-20 6630B      | 5201               |
|                  | GC-ECD     | EPA 608             | 5047               |
|                  | GC-ECD     | SM 18-20 6630C      | 5202               |
|                  | GC-ECD     | EPA 8081A           | 4048               |
|                  | GC-ECD     | EPA 1978, p. 7      | 5003               |
|                  | GC-ECD     | ASTM D3086-90       | 5002               |
|                  | GC-ECD     | ASTM D5812-96 & 02  | 1142               |

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**Chlorinated Hydrocarbon Pesticides**

| Analyte          | Technology       | Method Description  | ELAP Method Number |
|------------------|------------------|---------------------|--------------------|
| <b>alpha-BHC</b> | GC-MS            | SM 18-20 6410B (00) | 5200               |
|                  | GC-MS            | EPA 625             | 5005               |
|                  | GC-MS            | EPA 8270C           | 5056               |
|                  | GC-MS            | USGS O-1126-95      | 3110               |
|                  | PREP             | EPA 3520C           | 4053               |
|                  | PREP             | EPA 3535            | 4322               |
|                  | PREP             | EPA 3510C           | 4052               |
|                  | PREP             | 3M(0222)            | 9995               |
| <b>beta-BHC</b>  | GC-ECD           | SM 18-20 6630C      | 5202               |
|                  | GC-ECD           | SM 18-20 6630B      | 5201               |
|                  | GC-ECD           | EPA 8081A           | 4048               |
|                  | GC-ECD           | ASTM D5812-96 & 02  | 1142               |
|                  | GC-ECD           | EPA 608             | 5047               |
|                  | GC-ECD           | ASTM D3086-90       | 5002               |
|                  | GC-MS            | SM 18-20 6410B (00) | 5200               |
|                  | GC-MS            | EPA 8270C           | 5056               |
|                  | GC-MS            | EPA 625             | 5005               |
|                  | PREP             | 3M(0222)            | 9995               |
|                  | PREP             | EPA 3535            | 4322               |
|                  | PREP             | EPA 3520C           | 4053               |
|                  | PREP             | EPA 3510C           | 4052               |
|                  | <b>delta-BHC</b> | GC-ECD              | ASTM D5812-96 & 02 |

|   |                           |                           |                          |
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**Chlorinated Hydrocarbon Pesticides**

| Analyte          | Technology     | Method Description  | ELAP Method Number |      |
|------------------|----------------|---------------------|--------------------|------|
| <b>delta-BHC</b> | GC-ECD         | SM 18-20 6630C      | 5202               |      |
|                  | GC-ECD         | SM 18-20 6630B      | 5201               |      |
|                  | GC-ECD         | EPA 8081A           | 4048               |      |
|                  | GC-ECD         | EPA 608             | 5047               |      |
|                  | GC-ECD         | ASTM D3086-90       | 5002               |      |
|                  | GC-MS          | EPA 625             | 5005               |      |
|                  | GC-MS          | SM 18-20 6410B (00) | 5200               |      |
|                  | GC-MS          | EPA 8270C           | 5056               |      |
|                  | HPLC-TSMS      | EPA 8321            | 8321               |      |
|                  | PREP           | EPA 3520C           | 4053               |      |
|                  | PREP           | EPA 3535            | 4322               |      |
|                  | PREP           | 3M(0222)            | 9995               |      |
|                  | PREP           | EPA 3510C           | 4052               |      |
|                  | <b>Lindane</b> | GC-ECD              | ASTM D5812-96 & 02 | 1142 |
|                  |                | GC-ECD              | SM 18-20 6630C     | 5202 |
| GC-ECD           |                | EPA 8081A           | 4048               |      |
| GC-ECD           |                | SM 18-20 6630B      | 5201               |      |
| GC-ECD           |                | ASTM D3086-90       | 5002               |      |
| GC-ECD           |                | EPA 608             | 5047               |      |
| GC-MS            |                | EPA 625             | 5005               |      |
| GC-MS            |                | SM 18-20 6410B (00) | 5200               |      |
| GC-MS            |                | EPA 8270C           | 5056               |      |

|   |                           |                           |                          |
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***Chlorinated Hydrocarbon Pesticides***

| Analyte                | Technology | Method Description | ELAP Method Number |
|------------------------|------------|--------------------|--------------------|
| <b>Lindane</b>         | PREP       | EPA 3510C          | 4052               |
|                        | PREP       | 3M(0222)           | 9995               |
|                        | PREP       | EPA 3520C          | 4053               |
|                        | PREP       | EPA 3535           | 4322               |
| <b>Captan</b>          | GC-ECD     | ASTM D3086-90      | 5002               |
|                        | GC-ECD     | SM 18-20 6630B     | 5201               |
|                        | GC-ECD     | EPA 1978, p. 7     | 5003               |
|                        | GC-ECD     | ASTM D5812-96 & 02 | 1142               |
|                        | GC-MS      | EPA 8270C          | 5056               |
| <b>alpha-Chlordane</b> | GC-ECD     | EPA 8081A          | 4048               |
|                        | GC-MS      | EPA 8270C          | 5056               |
|                        | PREP       | EPA 3520C          | 4053               |
|                        | PREP       | EPA 3535           | 4322               |
| <b>gamma-Chlordane</b> | PREP       | EPA 3510C          | 4052               |
|                        | GC-ECD     | EPA 8081A          | 4048               |
|                        | GC-MS      | EPA 8270C          | 5056               |
|                        | PREP       | EPA 3520C          | 4053               |
|                        | PREP       | EPA 3535           | 4322               |
| <b>Chlordane Total</b> | PREP       | EPA 3510C          | 4052               |
|                        | GC-ECD     | EPA 1978, p. 7     | 5003               |
|                        | GC-ECD     | SM 18-20 6630C     | 5202               |
|                        | GC-ECD     | EPA 8081A          | 4048               |

|   |                           |                           |                          |
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|------------------------|------------------------|---------------------|--------------------|------|
| <b>Chlordane Total</b> | GC-ECD                 | ASTM D3086-90       | 5002               |      |
|                        | GC-ECD                 | ASTM D5812-96 & 02  | 1142               |      |
|                        | GC-ECD                 | EPA 608             | 5047               |      |
|                        | GC-ECD                 | SM 18-20 6630B      | 5201               |      |
|                        | GC-MS                  | EPA 8270C           | 5056               |      |
|                        | GC-MS                  | SM 18-20 6410B (00) | 5200               |      |
|                        | GC-MS                  | EPA 625             | 5005               |      |
|                        | PREP                   | 3M(0222)            | 9995               |      |
|                        | PREP                   | EPA 3535            | 4322               |      |
|                        | PREP                   | EPA 3520C           | 4053               |      |
|                        | PREP                   | EPA 3510C           | 4052               |      |
|                        | <b>Chlorobenzilate</b> | GC-ECD              | EPA 8081A          | 4048 |
|                        |                        | GC-ECD              | EPA 608.1          | 6081 |
| <b>4,4'-DDD</b>        | GC-MS                  | EPA 8270C           | 5056               |      |
|                        | GC-ECD                 | EPA 608             | 5047               |      |
|                        | GC-ECD                 | EPA 1978, p. 7      | 5003               |      |
|                        | GC-ECD                 | ASTM D5812-96 & 02  | 1142               |      |
|                        | GC-ECD                 | ASTM D3086-90       | 5002               |      |
|                        | GC-ECD                 | EPA 8081A           | 4048               |      |
|                        | GC-ECD                 | SM 18-20 6630B      | 5201               |      |
|                        | GC-ECD                 | USGS 1972, Bk5 p.30 | 5004               |      |
|                        | GC-ECD                 | SM 18-20 6630C      | 5202               |      |

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|-----------------|------------|---------------------|--------------------|
| <b>4,4'-DDD</b> | GC-MS      | EPA 625             | 5005               |
|                 | GC-MS      | EPA 8270C           | 5056               |
|                 | GC-MS      | SM 18-20 6410B (00) | 5200               |
|                 | PREP       | 3M(0222)            | 9995               |
|                 | PREP       | EPA 3520C           | 4053               |
|                 | PREP       | EPA 3535            | 4322               |
|                 | PREP       | EPA 3510C           | 4052               |
| <b>4,4'-DDE</b> | GC-ECD     | SM 18-20 6630B      | 5201               |
|                 | GC-ECD     | SM 18-20 6630C      | 5202               |
|                 | GC-ECD     | ASTM D3086-90       | 5002               |
|                 | GC-ECD     | USGS 1972, Bk5 p.30 | 5004               |
|                 | GC-ECD     | EPA 608             | 5047               |
|                 | GC-ECD     | EPA 1978, p. 7      | 5003               |
|                 | GC-ECD     | ASTM D5812-96 & 02  | 1142               |
|                 | GC-ECD     | EPA 8081A           | 4048               |
|                 | GC-MS      | USGS O-1126-95      | 3110               |
|                 | GC-MS      | EPA 625             | 5005               |
|                 | GC-MS      | EPA 8270C           | 5056               |
|                 | GC-MS      | SM 18-20 6410B (00) | 5200               |
|                 | PREP       | 3M(0222)            | 9995               |
|                 | PREP       | EPA 3520C           | 4053               |
|                 | PREP       | EPA 3535            | 4322               |

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|-----------------|-----------------|---------------------|--------------------|
| <b>4,4'-DDE</b> | PREP            | EPA 3510C           | 4052               |
|                 | <b>4,4'-DDT</b> |                     |                    |
|                 | GC-ECD          | EPA 8081A           | 4048               |
|                 | GC-ECD          | SM 18-20 6630C      | 5202               |
|                 | GC-ECD          | USGS 1972, Bk5 p.30 | 5004               |
|                 | GC-ECD          | ASTM D3086-90       | 5002               |
|                 | GC-ECD          | ASTM D5812-96 & 02  | 1142               |
|                 | GC-ECD          | SM 18-20 6630B      | 5201               |
|                 | GC-ECD          | EPA 608             | 5047               |
|                 | GC-ECD          | EPA 1978, p. 7      | 5003               |
|                 | GC-MS           | EPA 625             | 5005               |
|                 | GC-MS           | SM 18-20 6410B (00) | 5200               |
|                 | GC-MS           | EPA 8270C           | 5056               |
|                 | PREP            | 3M(0222)            | 9995               |
|                 | PREP            | EPA 3520C           | 4053               |
|                 | PREP            | EPA 3510C           | 4052               |
|                 | PREP            | EPA 3535            | 4322               |
| <b>Diallate</b> | GC-ECD          | EPA 8081A           | 4048               |
|                 | GC-MS           | EPA 8270C           | 5056               |
| <b>Dieldrin</b> | GC-ECD          | EPA 1978, p. 7      | 5003               |
|                 | GC-ECD          | EPA 8081A           | 4048               |
|                 | GC-ECD          | SM 18-20 6630C      | 5202               |
|                 | GC-ECD          | EPA 608             | 5047               |

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|---------------------|------------|---------------------|--------------------|
| <b>Dieldrin</b>     | GC-ECD     | SM 18-20 6630B      | 5201               |
|                     | GC-ECD     | USGS 1972, Bk5 p.30 | 5004               |
|                     | GC-MS      | EPA 625             | 5005               |
|                     | GC-MS      | EPA 8270C           | 5056               |
|                     | PREP       | EPA 3510C           | 4052               |
|                     | PREP       | 3M(0222)            | 9995               |
|                     | PREP       | EPA 3535            | 4322               |
|                     | PREP       | EPA 3520C           | 4053               |
| <b>Dichloran</b>    | GC-ECD     | SM 18-20 6630B      | 5201               |
|                     | GC-ECD     | EPA 1978, p. 7      | 5003               |
|                     | GC-ECD     | SM 18-20 6630C      | 5202               |
| <b>Dicofol</b>      | GC-MS      | EPA 8270C           | 5056               |
|                     | GC-ECD     | ASTM D5812-96 & 02  | 1142               |
|                     | GC-ECD     | EPA 8081A           | 4048               |
| <b>Endosulfan I</b> | GC-ECD     | ASTM D3086-90       | 5002               |
|                     | GC-ECD     | ASTM D3086-90       | 5002               |
|                     | GC-ECD     | EPA 1978, p. 7      | 5003               |
|                     | GC-ECD     | EPA 608             | 5047               |
|                     | GC-ECD     | SM 18-20 6630B      | 5201               |
|                     | GC-ECD     | SM 18-20 6630C      | 5202               |
|                     | GC-ECD     | EPA 8081A           | 4048               |
|                     | GC-ECD     | ASTM D5812-96 & 02  | 1142               |

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|---------------------------|------------|---------------------|--------------------|
| <b>Endosulfan I</b>       | GC-MS      | SM 18-20 6410B (00) | 5200               |
|                           | GC-MS      | EPA 625             | 5005               |
|                           | GC-MS      | EPA 8270C           | 5056               |
|                           | PREP       | EPA 3520C           | 4053               |
|                           | PREP       | EPA 3535            | 4322               |
|                           | PREP       | EPA 3510C           | 4052               |
|                           | PREP       | 3M(0222)            | 9995               |
| <b>Endosulfan II</b>      | GC-ECD     | EPA 1978, p. 7      | 5003               |
|                           | GC-ECD     | SM 18-20 6630C      | 5202               |
|                           | GC-ECD     | ASTM D5812-96 & 02  | 1142               |
|                           | GC-ECD     | ASTM D3086-90       | 5002               |
|                           | GC-ECD     | EPA 608             | 5047               |
|                           | GC-ECD     | EPA 8081A           | 4048               |
|                           | GC-ECD     | SM 18-20 6630B      | 5201               |
|                           | GC-MS      | EPA 8270C           | 5056               |
|                           | GC-MS      | EPA 625             | 5005               |
|                           | GC-MS      | SM 18-20 6410B (00) | 5200               |
|                           | PREP       | EPA 3520C           | 4053               |
|                           | PREP       | EPA 3535            | 4322               |
|                           | PREP       | 3M(0222)            | 9995               |
|                           | PREP       | EPA 3510C           | 4052               |
| <b>Endosulfan sulfate</b> | GC-ECD     | EPA 8081A           | 4048               |

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|---------------------------|---------------|---------------------|--------------------|
| <b>Endosulfan sulfate</b> | GC-ECD        | SM 18-20 6630C      | 5202               |
|                           | GC-ECD        | EPA 608             | 5047               |
|                           | GC-MS         | EPA 8270C           | 5056               |
|                           | GC-MS         | EPA 625             | 5005               |
|                           | GC-MS         | SM 18-20 6410B (00) | 5200               |
|                           | PREP          | EPA 3535            | 4322               |
|                           | PREP          | EPA 3510C           | 4052               |
|                           | PREP          | EPA 3520C           | 4053               |
|                           | PREP          | 3M(0222)            | 9995               |
|                           | <b>Endrin</b> | GC-ECD              | ASTM D3086-90      |
| GC-ECD                    |               | ASTM D5812-96 & 02  | 1142               |
| GC-ECD                    |               | SM 18-20 6630B      | 5201               |
| GC-ECD                    |               | EPA 608             | 5047               |
| GC-ECD                    |               | EPA 1978, p. 7      | 5003               |
| GC-ECD                    |               | USGS 1972, Bk5 p.30 | 5004               |
| GC-ECD                    |               | SM 18-20 6630C      | 5202               |
| GC-ECD                    |               | EPA 8081A           | 4048               |
| GC-MS                     |               | EPA 625             | 5005               |
| GC-MS                     |               | SM 18-20 6410B (00) | 5200               |
| GC-MS                     |               | EPA 8270C           | 5056               |
| PREP                      |               | EPA 3535            | 4322               |
| PREP                      |               | EPA 3520C           | 4053               |

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| Analyte                | Technology | Method Description  | ELAP Method Number |
|------------------------|------------|---------------------|--------------------|
| <b>Endrin</b>          | PREP       | EPA 3510C           | 4052               |
|                        | PREP       | 3M(0222)            | 9995               |
| <b>Endrin aldehyde</b> | GC-ECD     | EPA 608             | 5047               |
|                        | GC-ECD     | EPA 8081A           | 4048               |
|                        | GC-MS      | EPA 625             | 5005               |
|                        | GC-MS      | EPA 8270C           | 5056               |
|                        | PREP       | EPA 3520C           | 4053               |
|                        | PREP       | EPA 3510C           | 4052               |
|                        | PREP       | EPA 3535            | 4322               |
| <b>Endrin Ketone</b>   | PREP       | 3M(0222)            | 9995               |
|                        | GC-ECD     | EPA 8081A           | 4048               |
|                        | PREP       | EPA 3535            | 4322               |
|                        | PREP       | EPA 3520C           | 4053               |
|                        | PREP       | EPA 3510C           | 4052               |
| <b>Heptachlor</b>      | PREP       | 3M(0222)            | 9995               |
|                        | GC-ECD     | USGS 1972, Bk5 p.30 | 5004               |
|                        | GC-ECD     | EPA 8081A           | 4048               |
|                        | GC-ECD     | SM 18-20 6630C      | 5202               |
|                        | GC-ECD     | ASTM D5812-96 & 02  | 1142               |
|                        | GC-ECD     | EPA 1978, p. 7      | 5003               |
|                        | GC-ECD     | EPA 608             | 5047               |
|                        | GC-ECD     | ASTM D3086-90       | 5002               |

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**Chlorinated Hydrocarbon Pesticides**

| Analyte                   | Technology | Method Description  | ELAP Method Number |
|---------------------------|------------|---------------------|--------------------|
| <b>Heptachlor</b>         | GC-ECD     | SM 18-20 6630B      | 5201               |
|                           | GC-MS      | EPA 625             | 5005               |
|                           | GC-MS      | EPA 8270C           | 5056               |
|                           | GC-MS      | SM 18-20 6410B (00) | 5200               |
|                           | PREP       | 3M(0222)            | 9995               |
|                           | PREP       | EPA 3510C           | 4052               |
|                           | PREP       | EPA 3535            | 4322               |
|                           | PREP       | EPA 3520C           | 4053               |
| <b>Heptachlor epoxide</b> | GC-ECD     | EPA 8081A           | 4048               |
|                           | GC-ECD     | SM 18-20 6630C      | 5202               |
|                           | GC-ECD     | EPA 1978, p. 7      | 5003               |
|                           | GC-ECD     | EPA 608             | 5047               |
|                           | GC-ECD     | SM 18-20 6630B      | 5201               |
|                           | GC-ECD     | ASTM D3086-90       | 5002               |
|                           | GC-ECD     | USGS 1972, Bk5 p.30 | 5004               |
|                           | GC-ECD     | SM 15 p. S73        | 5015               |
|                           | GC-ECD     | ASTM D5812-96 & 02  | 1142               |
|                           | GC-MS      | SM 18-20 6410B (00) | 5200               |
|                           | GC-MS      | EPA 8270C           | 5056               |
|                           | GC-MS      | EPA 625             | 5005               |
|                           | PREP       | 3M(0222)            | 9995               |
|                           | PREP       | EPA 3510C           | 4052               |

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**Chlorinated Hydrocarbon Pesticides**

| Analyte                   | Technology          | Method Description  | ELAP Method Number |      |
|---------------------------|---------------------|---------------------|--------------------|------|
| <b>Heptachlor epoxide</b> | PREP                | EPA 3520C           | 4053               |      |
|                           | PREP                | EPA 3535            | 4322               |      |
| <b>Isodrin</b>            | GC-ECD              | EPA 8081A           | 4048               |      |
|                           | GC-ECD              | USGS 1972, Bk5 p.30 | 5004               |      |
|                           | GC-ECD              | SM 15 p. S73        | 5015               |      |
|                           | GC-MS               | EPA 8270C           | 5056               |      |
| <b>Kepone</b>             | GC-ECD              | EPA 8081A           | 4048               |      |
|                           | GC-MS               | EPA 8270C           | 5056               |      |
| <b>Mirex</b>              | GC-ECD              | SM 18-20 6630B      | 5201               |      |
|                           | GC-ECD              | EPA 1978, p. 7      | 5003               |      |
|                           | GC-ECD              | SM 18-20 6630C      | 5202               |      |
|                           | GC-ECD              | EPA 8081A           | 4048               |      |
|                           | GC-MS               | EPA 8270C           | 5056               |      |
|                           | <b>Methoxychlor</b> | GC-ECD              | SM 18-20 6630B     | 5201 |
|                           |                     | GC-ECD              | EPA 8081A          | 4048 |
|                           |                     | GC-ECD              | SM 18-20 6630C     | 5202 |
|                           |                     | GC-ECD              | ASTM D5812-96 & 02 | 1142 |
|                           |                     | GC-ECD              | EPA 608            | 5047 |
| GC-ECD                    |                     | USGS 1972, Bk5 p.30 | 5004               |      |
| GC-ECD                    |                     | ASTM D3086-90       | 5002               |      |
| GC-ECD                    |                     | EPA 1978, p. 7      | 5003               |      |
| GC-MS                     |                     | EPA 8270C           | 5056               |      |

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| Analyte             | Technology      | Method Description | ELAP Method Number |      |
|---------------------|-----------------|--------------------|--------------------|------|
| <b>Methoxychlor</b> | PREP            | EPA 3510C          | 4052               |      |
|                     | PREP            | 3M(0222)           | 9995               |      |
|                     | PREP            | EPA 3520C          | 4053               |      |
|                     | PREP            | EPA 3535           | 4322               |      |
| <b>PCNB</b>         | GC-ECD          | SM 18-20 6630C     | 5202               |      |
|                     | GC-ECD          | EPA 617            | 6170               |      |
|                     | GC-ECD          | EPA 608.1          | 6081               |      |
|                     | GC-ECD          | EPA 1978, p. 7     | 5003               |      |
|                     | GC-ECD          | SM 18-20 6630B     | 5201               |      |
|                     | GC-ECD          | ASTM D3086-90      | 5002               |      |
|                     | GC-MS           | EPA 8270C          | 5056               |      |
|                     | GC-NPD          | EPA 8091           | 4047               |      |
|                     | <b>Perthane</b> | GC-ECD             | ASTM D3086-90      | 5002 |
|                     |                 | GC-ECD             | ASTM D5812-96 & 02 | 1142 |
| <b>Strobane</b>     | GC-ECD          | SM 18-20 6630B     | 5201               |      |
|                     | GC-ECD          | EPA 1978, p. 7     | 5003               |      |
|                     | GC-ECD          | SM 18-20 6630C     | 5202               |      |
| <b>Trifluralin</b>  | GC-ECD          | SM 16 509A         | 5205               |      |
|                     | GC-ECD          | SM 18-20 6630B     | 5201               |      |
|                     | GC-MS           | USGS O-1126-95     | 3110               |      |
|                     | GC-MS           | EPA 8270C          | 5056               |      |
| <b>Toxaphene</b>    | GC-ECD          | ASTM D5812-96 & 02 | 1142               |      |

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| Analyte          | Technology | Method Description  | ELAP Method Number |
|------------------|------------|---------------------|--------------------|
| <b>Toxaphene</b> | GC-ECD     | USGS 1972, Bk5 p.30 | 5004               |
|                  | GC-ECD     | ASTM D3086-90       | 5002               |
|                  | GC-ECD     | EPA 608             | 5047               |
|                  | GC-ECD     | SM 18-20 6630B      | 5201               |
|                  | GC-ECD     | EPA 1978, p. 7      | 5003               |
|                  | GC-ECD     | SM 18-20 6630C      | 5202               |
|                  | GC-ECD     | EPA 8081A           | 4048               |
|                  | GC-MS      | EPA 8270C           | 5056               |
|                  | GC-MS      | EPA 625             | 5005               |
|                  | GC-MS      | SM 18-20 6410B (00) | 5200               |
|                  | PREP       | 3M(0222)            | 9995               |
|                  | PREP       | EPA 3510C           | 4052               |
|                  | PREP       | EPA 3535            | 4322               |
|                  | PREP       | EPA 3520C           | 4053               |

***Chlorophenoxy Acid Pesticides***

| Analyte      | Technology | Method Description | ELAP Method Number |
|--------------|------------|--------------------|--------------------|
| <b>2,4-D</b> | GC-ECD     | USGS 1972 Bk5 p.35 | 5017               |
|              | GC-ECD     | EPA 8151A          | 4100               |
|              | GC-ECD     | SM 18-20 6640B     | 5203               |
|              | GC-ECD     | EPA 1978 p.115     | 5016               |
|              | GC-MS      | EPA 8270C          | 5056               |
|              | HPLC-TSMS  | USGS O-2060-01     | 3109               |

|   |                           |                           |                          |
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**Chlorophenoxy Acid Pesticides**

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|--------------------------|------------|--------------------|--------------------|
| <b>2,4-D</b>             | HPLC-TSMS  | EPA 8321           | 8321               |
| <b>2,4-DB</b>            | GC-ECD     | EPA 8151A          | 4100               |
| <b>Dalapon</b>           | GC-ECD     | EPA 8151A          | 4100               |
| <b>Dicamba</b>           | GC-ECD     | EPA 8151A          | 4100               |
|                          | GC-ECD     | EPA 1978 p.115     | 5016               |
|                          | GC-MS      | EPA 8270C          | 5056               |
|                          | HPLC-TSMS  | USGS O-2060-01     | 3109               |
|                          | HPLC-TSMS  | EPA 8321           | 8321               |
| <b>Dichloroprop</b>      | GC-ECD     | EPA 8151A          | 4100               |
| <b>Dinoseb</b>           | GC-ECD     | EPA 8151A          | 4100               |
|                          | GC-ECD     | SM 18-20 6640B     | 5203               |
|                          | GC-FID     | EPA 8041           | 4044               |
|                          | GC-MS      | EPA 8270C          | 5056               |
|                          | HPLC-TSMS  | EPA 8321           | 8321               |
| <b>2,4,5-T</b>           | GC-ECD     | EPA 1978 p.115     | 5016               |
|                          | GC-ECD     | USGS 1972 Bk5 p.35 | 5017               |
|                          | GC-ECD     | EPA 8151A          | 4100               |
|                          | GC-ECD     | SM 18-20 6640B     | 5203               |
|                          | GC-MS      | EPA 8270C          | 5056               |
|                          | HPLC-TSMS  | EPA 8321           | 8321               |
| <b>2,4,5-TP (Silvex)</b> | GC-ECD     | EPA 1978 p.115     | 5016               |
|                          | GC-ECD     | SM 18-20 6640B     | 5203               |

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***Chlorophenoxy Acid Pesticides***

| Analyte                  | Technology | Method Description | ELAP Method Number |
|--------------------------|------------|--------------------|--------------------|
| <b>2,4,5-TP (Silvex)</b> | GC-ECD     | EPA 8151A          | 4100               |
|                          | GC-MS      | EPA 8270C          | 5056               |
|                          | HPLC-TSMS  | EPA 8321           | 8321               |

***Organophosphate Pesticides***

| Analyte                | Technology | Method Description  | ELAP Method Number |
|------------------------|------------|---------------------|--------------------|
| <b>Atrazine</b>        | GC-MS      | EPA 8270C           | 5056               |
|                        | GC-MS      | USGS O-1126-95      | 3110               |
|                        | GC-NPD     | EPA 1978 p.25       | 5010               |
|                        | GC-NPD     | EPA 8141A           | 4099               |
|                        | GC-NPD     | SM 15 p.S68         | 5007               |
|                        | GC-NPD     | SM 15 p.S51         | 5011               |
|                        | HPLC-TSMS  | USGS O-2060-01      | 3109               |
| <b>Azinphos methyl</b> | GC-MS      | EPA 8270C           | 5056               |
|                        | GC-MS      | USGS O-1126-95      | 3110               |
|                        | GC-NPD     | SM 15 p.S51         | 5011               |
|                        | GC-NPD     | EPA 1978 p.25       | 5010               |
| <b>Chlorpyrifos</b>    | GC-NPD     | EPA 8141A           | 4099               |
|                        | GC-MS      | EPA 8270C           | 5056               |
| <b>Cyanazine</b>       | GC-NPD     | EPA 8141A           | 4099               |
|                        | GC-MS      | EPA 8270C           | 5056               |
| <b>Diazinon</b>        | GC-NPD     | EPA 8141A           | 4099               |
|                        | GC-ECD     | USGS 1972, Bk5 p.30 | 5004               |

|   |                           |                           |                          |
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**Organophosphate Pesticides**

| Analyte           | Technology | Method Description | ELAP Method Number |
|-------------------|------------|--------------------|--------------------|
| <b>Diazinon</b>   | GC-MS      | USGS O-1126-95     | 3110               |
|                   | GC-MS      | EPA 8270C          | 5056               |
|                   | GC-NPD     | SM 15 p.S51        | 5011               |
|                   | GC-NPD     | EPA 8141A          | 4099               |
|                   | GC-NPD     | EPA 1978 p.25      | 5010               |
| <b>Disulfoton</b> | GC-MS      | USGS O-1126-95     | 3110               |
|                   | GC-MS      | EPA 8270C          | 5056               |
|                   | GC-NPD     | EPA 8141A          | 4099               |
|                   | GC-NPD     | EPA 1978 p.25      | 5010               |
|                   | GC-NPD     | SM 15 p.S51        | 5011               |
| <b>Demeton-O</b>  | HPLC-TSMS  | EPA 8321           | 8321               |
|                   | GC-MS      | EPA 8270C          | 5056               |
|                   | GC-NPD     | EPA 8141A          | 4099               |
|                   | GC-NPD     | SM 15 p.S51        | 5011               |
|                   | GC-NPD     | EPA 1978 p.25      | 5010               |
| <b>Demeton-S</b>  | GC-MS      | EPA 8270C          | 5056               |
|                   | GC-NPD     | EPA 1978 p.25      | 5010               |
|                   | GC-NPD     | EPA 8141A          | 4099               |
|                   | GC-NPD     | SM 15 p.S51        | 5011               |
| <b>Dimethoate</b> | GC-MS      | EPA 8270C          | 5056               |
|                   | GC-NPD     | EPA 8141A          | 4099               |
|                   | HPLC-TSMS  | EPA 8321           | 8321               |

|   |                           |                           |                          |
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**Organophosphate Pesticides**

| Analyte                 | Technology | Method Description  | ELAP Method Number |
|-------------------------|------------|---------------------|--------------------|
| <b>Famphur</b>          | GC-MS      | EPA 8270C           | 5056               |
|                         | GC-NPD     | EPA 8141A           | 4099               |
|                         | HPLC-TSMS  | EPA 8321            | 8321               |
| <b>Isophenphos</b>      | GC-MS      | EPA 8270C           | 5056               |
|                         | GC-NPD     | EPA 8141A           | 4099               |
| <b>Malathion</b>        | GC-ECD     | SM 18-20 6630C      | 5202               |
|                         | GC-ECD     | USGS 1972, Bk5 p.30 | 5004               |
|                         | GC-MS      | EPA 8270C           | 5056               |
|                         | GC-MS      | USGS O-1126-95      | 3110               |
|                         | GC-NPD     | SM 15 p.S51         | 5011               |
|                         | GC-NPD     | EPA 1978 p.25       | 5010               |
|                         | GC-NPD     | EPA 8141A           | 4099               |
|                         | GC-ECD     | SM 18-20 6630C      | 5202               |
|                         | GC-MS      | USGS O-1126-95      | 3110               |
|                         | GC-MS      | EPA 8270C           | 5056               |
| <b>Parathion ethyl</b>  | GC-NPD     | EPA 8141A           | 4099               |
|                         | GC-NPD     | EPA 1978 p.25       | 5010               |
|                         | GC-ECD     | USGS 1972, Bk5 p.30 | 5004               |
|                         | GC-ECD     | SM 18-20 6630C      | 5202               |
|                         | GC-MS      | USGS O-1126-95      | 3110               |
| <b>Parathion methyl</b> | GC-MS      | EPA 8270C           | 5056               |
|                         | GC-NPD     | EPA 1978 p.25       | 5010               |
|                         | GC-ECD     | USGS 1972, Bk5 p.30 | 5004               |
|                         | GC-ECD     | SM 18-20 6630C      | 5202               |
|                         | GC-MS      | USGS O-1126-95      | 3110               |

|   |                           |                           |                          |
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**Organophosphate Pesticides**

| Analyte                 | Technology | Method Description | ELAP Method Number |
|-------------------------|------------|--------------------|--------------------|
| <b>Parathion methyl</b> | GC-NPD     | EPA 8141A          | 4099               |
|                         | HPLC-TSMS  | EPA 8321           | 8321               |
| <b>Pendimethalin</b>    | GC-MS      | EPA 8270C          | 5056               |
|                         | GC-NPD     | EPA 8141A          | 4099               |
| <b>Phorate</b>          | GC-MS      | EPA 8270C          | 5056               |
|                         | GC-NPD     | EPA 8141A          | 4099               |
| <b>Prometon</b>         | HPLC-TSMS  | EPA 8321           | 8321               |
|                         | GC-MS      | EPA 8270C          | 5056               |
| <b>Prometryn</b>        | GC-NPD     | EPA 8141A          | 4099               |
|                         | GC-MS      | EPA 8270C          | 5056               |
| <b>Simazine</b>         | GC-NPD     | EPA 8141A          | 4099               |
|                         | GC-MS      | EPA 8270C          | 5056               |
|                         | GC-NPD     | EPA 8141A          | 4099               |

**Volatile Chlorinated Organics**

| Analyte                | Technology | Method Description     | ELAP Method Number |
|------------------------|------------|------------------------|--------------------|
| <b>Benzyl chloride</b> | GC-ECD     | EPA 8121               | 4097               |
|                        | GC-ECD     | SUPP. TO SM 15 P. S102 | 5032               |
|                        | GC-ECD     | EPA 1978, p. 130       | 5031               |
| <b>Epichlorohydrin</b> | GC-MS      | EPA 8260B              | 4094               |
|                        | GC-ECD     | EPA 1978, p. 130       | 5031               |
|                        | GC-ECD     | SUPP. TO SM 15 P. S102 | 5032               |
|                        | GC-MS      | EPA 8260B              | 4094               |

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**Radiological Analytes**

| Analyte                   | Technology | Method Description  | ELAP Method Number |
|---------------------------|------------|---------------------|--------------------|
| <b>Gross Alpha</b>        | PROP CNT   | EPA 1976 pp.1-3     | 7014               |
|                           | PROP CNT   | EPA 900.0           | 9135               |
|                           | PROP CNT   | SM 18-21 7110C (00) | 9300               |
|                           | PROP CNT   | USGS R-1120-76      | 3555               |
|                           | PROP CNT   | SM 13 302           | 3554               |
|                           | PROP CNT   | SM 18-21 7110B (00) | 3553               |
|                           | PROP CNT   | EPA 1984 00-01      | 3551               |
|                           | PROP CNT   | ASTM D1943-90 & 96  | 1143               |
|                           | PROP CNT   | EPA 1984 00-02      | 3556               |
|                           | PROP CNT   | EPA 1979 p.1        | 3552               |
| <b>Gross Beta</b>         | PROP CNT   | EPA 1976 pp.1-3     | 7014               |
|                           | PROP CNT   | EPA 1979 p.1        | 3552               |
|                           | PROP CNT   | SM 13 302           | 3554               |
|                           | PROP CNT   | ASTM D1890-90 & 96  | 1144               |
|                           | PROP CNT   | EPA 1984 00-01      | 3551               |
|                           | PROP CNT   | SM 18-21 7110B (00) | 3553               |
|                           | PROP CNT   | USGS R-1120-76      | 3555               |
|                           | PROP CNT   | EPA 900.0           | 9135               |
| <b>Photon Emitters</b>    | GAMMA CNT  | DOE 4.5.2.3         | 9302               |
|                           | GAMMA CNT  | EPA 901.1           | 9144               |
| <b>Radioactive Cesium</b> | GAMMA CNT  | EPA 901.1           | 9144               |
|                           | PROP CNT   | ASTM D2459-72       | 9304               |

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**Radiological Analytes**

| Analyte                   | Technology | Method Description         | ELAP Method Number |
|---------------------------|------------|----------------------------|--------------------|
| <b>Radioactive Cesium</b> | PROP CNT   | SM 18-21 7500-Cs B (00)    | 9303               |
|                           | PROP CNT   | EPA 1976 p.4               | 7016               |
| <b>Iodine-131</b>         | GAMMA CNT  | EPA 901.1                  | 9144               |
|                           | GAMMA CNT  | ASTM D4785-93,00(A)        | 9358               |
|                           | PROP CNT   | EPA 1976,P.6,9             | 9305               |
|                           | PROP CNT   | ASTM D3649-91, 98(A)       | 9307               |
|                           | PROP CNT   | SM 18-21 7500-I B,C,D (00) | 9306               |
|                           | PROP CNT   | EPA 902.0                  | 9137               |
| <b>Plutonium</b>          | 99         | EPA 1984 Pu-01             | 9309               |
|                           | 99         | NYS Pu-02                  | 9311               |
|                           | 99         | EPA 1979,P.33              | 9310               |
|                           | PROP CNT   | EPA 907.0                  | 9308               |
| <b>Radium-226</b>         | PROP CNT   | EPA 905.0                  | 9313               |
|                           | PROP CNT   | EPA 903.0                  | 9318               |
|                           | PROP CNT   | EPA 1984 Ra-03             | 9319               |
|                           | SCIN CNT   | EPA 1984 Ra-04             | 9312               |
|                           | SCIN CNT   | EPA 903.1                  | 9112               |
|                           | SCIN CNT   | SM 18-21 7500-Ra C (01)    | 9314               |
|                           | SCIN CNT   | USGS R-1141-76             | 9316               |
|                           | SCIN CNT   | ASTM D3454-91, 97          | 9315               |
|                           | SCIN CNT   | EPA 1976 pp.16-23          | 7022               |
|                           | SCIN CNT   | NYS Ra-02                  | 9317               |

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**Radiological Analytes**

| Analyte             | Technology   | Method Description      | ELAP Method Number |
|---------------------|--------------|-------------------------|--------------------|
| <b>Radium-228</b>   | GAMMA CNT    | NYS- Ra-03              | 9370               |
|                     | PROP CNT     | USGS R-1142-76          | 9324               |
|                     | PROP CNT     | NJ 1980                 | 9326               |
|                     | PROP CNT     | EPA 1976,PP.24          | 9320               |
|                     | PROP CNT     | EPA 1984 Ra-05          | 9321               |
|                     | PROP CNT     | SM 18-21 7500-Ra D (01) | 9323               |
|                     | PROP CNT     | NYS Ra-02               | 9325               |
|                     | PROP CNT     | EPA 904.0               | 7040               |
|                     | PROP CNT     | EPA 1979,P.19           | 9322               |
|                     | <b>Radon</b> | SCIN CNT                | EPA 913            |
| SCIN CNT            |              | ASTM D5072-92           | 9369               |
| SCIN CNT            |              | SM 20 7500 Rn           | 9368               |
| SCIN CNT            |              | EPA 1987,p.22           | 9329               |
| <b>Strontium-89</b> | PROP CNT     | SM 18-21 7500-Sr B (01) | 9331               |
|                     | PROP CNT     | EPA 1976 p.29           | 7026               |
|                     | PROP CNT     | EPA 905.0               | 9313               |
|                     | PROP CNT     | EPA 1979,p 65           | 9330               |
|                     | PROP CNT     | USGS R-1160-76          | 9332               |
|                     | PROP CNT     | DOE 1990 Sr-01          | 9333               |
|                     | PROP CNT     | DOE 1990 Sr-02          | 9335               |
| <b>Strontium-90</b> | PROP CNT     | EPA 1984 Sr-04          | 9334               |
|                     | PROP CNT     | EPA 1984 Sr-04          | 9334               |

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**Radiological Analytes**

| Analyte                   | Technology | Method Description      | ELAP Method Number |
|---------------------------|------------|-------------------------|--------------------|
| <b>Strontium-90</b>       | PROP CNT   | DOE 1990 Sr-02          | 9335               |
|                           | PROP CNT   | DOE 1990 Sr-01          | 9333               |
|                           | PROP CNT   | USGS R-1160-76          | 9332               |
|                           | PROP CNT   | EPA 1976 p.29           | 7026               |
|                           | PROP CNT   | SM 18-21 7500-Sr B (01) | 9331               |
|                           | PROP CNT   | EPA 905.0               | 9313               |
| <b>Tritium</b>            | SCIN CNT   | USGS R-1171-76          | 9340               |
|                           | SCIN CNT   | EPA 901.0               | 9336               |
|                           | SCIN CNT   | EPA 906.0               | 2086               |
|                           | SCIN CNT   | SM 18-21 7500-3H B (00) | 9338               |
|                           | SCIN CNT   | ASTM D4107-91, 98       | 9339               |
|                           | SCIN CNT   | EPA 1976 p. 34          | 7028               |
| <b>Uranium (Activity)</b> | 99         | EPA 1979,P.33           | 9310               |
|                           | 99         | EPA 908.0               | 7039               |
|                           | 99         | DOE 1990 U-02           | 9347               |
|                           | 99         | ASTM D3972-97, 02       | 9342               |
|                           | 99         | USGS R-1182-76          | 9346               |
|                           | 99         | EPA 1984 00-07          | 9343               |
|                           | 99         | SM 18-21 7500-U C (00)  | 9345               |
|                           | COLOR      | ASTM D5174-97, 02       | 9367               |
|                           | COLOR      | DOE 1990 U-04           | 9352               |
|                           | COLOR      | USGS R-1181-76          | 9351               |

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**Radiological Analytes**

| Analyte                   | Technology | Method Description     | ELAP Method Number |
|---------------------------|------------|------------------------|--------------------|
| <b>Uranium (Activity)</b> | COLOR      | USGS R-1180-76         | 9350               |
|                           | COLOR      | EPA 908.1              | 9348               |
|                           | COLOR      | ASTM D2907-97          | 9349               |
|                           | ICP-AES    | USGS I-4471-97         | 3112               |
|                           | PROP CNT   | SM 18-21 7500-U B (00) | 9341               |

**Wastewater Miscellaneous**

| Analyte                        | Technology | Method Description         | ELAP Method Number |
|--------------------------------|------------|----------------------------|--------------------|
| <b>Turbidity</b>               | COLOR      | EPA 180.1 Rev. 2.0         | 1166               |
|                                | COLOR      | SM 18-21 2130 B (01)       | 1165               |
|                                | COLOR      | USGS I-3860-85             | 2417               |
|                                | COLOR      | ASTM D1889-94 & 00         | 2416               |
| <b>Total Residual Chlorine</b> | AMP        | ASTM D1253-86&96&03        | 1080               |
|                                | AMP        | SM 18-21 4500-CI D (00)    | 1073               |
|                                | AMP        | SM 18-21 4500-CI E (00)    | 1074               |
|                                | COLOR      | SM 18-21 4500-CI G (00)    | 1078               |
|                                | POT        | Orion (electrode 97-90)    | 1079               |
|                                | TITR       | SM 18-21 4500-CI F (00)    | 1077               |
|                                | TITR       | SM 18-20 4500-CI C (00)    | 1076               |
|                                | TITR       | SM 18-20 4500-CI B (00)    | 1075               |
| <b>Boron, Total</b>            | COLOR      | SM 18-20 4500-B Boron (99) | 9015               |
|                                | COLOR      | USGS I-3112-85             | 2064               |
|                                | DCP-AES    | ASTM D4190-94 & 99         | 2490               |

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**Wastewater Miscellaneous**

| Analyte             | Technology     | Method Description  | ELAP Method Number |      |
|---------------------|----------------|---------------------|--------------------|------|
| <b>Boron, Total</b> | DCP-AES        | AES 0029            | 2556               |      |
|                     | ICP-AES        | USGS I-4471-97      | 3112               |      |
|                     | ICP-AES        | SM 18-21 3120B (99) | 2583               |      |
|                     | ICP-AES        | EPA 6010B           | 4065               |      |
|                     | ICP-AES        | EPA 200.7 Rev. 4.4  | 2017               |      |
|                     | ICP-MS         | USGS I-4472-97      | 3120               |      |
|                     | PREP           | EPA 200.2           | 2650               |      |
|                     | PREP           | EPA 3015            | 3015               |      |
|                     | PREP           | EPA 4.1.3           | 2010               |      |
|                     | PREP           | EPA 3005A           | 4016               |      |
|                     | PREP           | EPA 4.1.4           | 2011               |      |
|                     | PREP           | EPA 3020A           | 4066               |      |
|                     | PREP           | EPA 3010A           | 4015               |      |
|                     | <b>Bromide</b> | CIE-UV              | ASTM D6508 Rev. 2  | 6508 |
|                     |                | IC-COND             | ASTM D4327-97& 03  | 2461 |
| IC-COND             |                | EPA 300.1 Rev. 1.0  | 2458               |      |
| IC-COND             |                | AOAC 993.30         | 1071               |      |
| IC-COND             |                | SM 18-21 4110B (00) | 2460               |      |
| IC-COND             |                | EPA 300.0 Rev. 2.1  | 2459               |      |
| IC-COND             |                | EPA 9056            | 9956               |      |
| TITR                |                | SM 15 p.S44         | 2068               |      |
| TITR                |                | USGS I-1125-85      | 2067               |      |

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**Wastewater Miscellaneous**

| Analyte               | Technology   | Method Description      | ELAP Method Number  |
|-----------------------|--------------|-------------------------|---------------------|
| <b>Bromide</b>        | TITR         | ASTM D1246-95 & 99 (C)  | 2066                |
|                       | <b>Color</b> | COLOR                   | SM 18-21 2120B (01) |
|                       | COLOR        | NCPI Tech Bul 253       | 2150                |
|                       | COLOR        | USGS I-1250-85          | 2153                |
|                       | COLOR        | SM 18-20 2120C          | 9033                |
|                       | COLOR        | SM 18-20 2120E          | 9031                |
| <b>Corrosivity</b>    | 99           | SM 18-19 2330           | 1012                |
| <b>Cyanide, Total</b> | AMP          | OIA-1677                | 1677                |
|                       | AMP          | ASTM D6888-04           | 6888                |
|                       | AUTO         | EPA 335.4 Rev. 1.0      | 9119                |
|                       | AUTO         | LACHAT 10-204-00-1-X    | 2484                |
|                       | AUTO         | EPA 9012A               | 4012                |
|                       | AUTO         | LACHAT 10-204-00-1-A    | 1237                |
|                       | AUTO         | Kelada Method           | 1089                |
|                       | COLOR        | USGS I-4302-85          | 3113                |
|                       | COLOR        | SM 18-21 4500-CN E (99) | 9037                |
|                       | COLOR        | EPA 9014                | 4014                |
|                       | COLOR        | ASTM D2036-98 (B)       | 2181                |
|                       | COLOR        | SM 18-21 4500-CN G (99) | 9038                |
|                       | COLOR        | USGS I-3300-85          | 2174                |
|                       | COLOR        | ASTM D2036-98 (A)       | 2173                |
| PREP                  | EPA 9010B    | 4013                    |                     |

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| Analyte                  | Technology                                      | Method Description               | ELAP Method Number        |      |
|--------------------------|---|----------------------------------|---------------------------|------|
| <b>Cyanide, Total</b>    | PREP  | SM 18-20 4500-CN C               | 2166                      |      |
|                          | TITR  | ANSI 1975,p.22                   | 2170                      |      |
|                          | TITR  | SM 18-20 4500-CN D (99)          | 9036                      |      |
| <b>Formaldehyde</b>      | HPLC-UV   | EPA 8315                         | 8315                      |      |
| <b>Hydrogen Ion (pH)</b> | AUTO  | EPA 150.2                        | 1091                      |      |
|                          | AUTO  | USGS I-2587-85                   | 3115                      |      |
|                          | AUTO  | TECHNICON METH. 378-75WA 1970    | 2207                      |      |
|                          | POT   | AOAC 973.41                      | 2205                      |      |
|                          | POT   | ASTM D1293-84 & 90 & 99 (A or B) | 2204                      |      |
|                          | POT   | SM 18-21 4500-H B (00)           | 9043                      |      |
|                          | POT   | EPA 9040B                        | 4009                      |      |
|                          | POT   | USGS I-1586-85                   | 2492                      |      |
|                          | <b>Oil &amp; Grease Total Recoverable (HEM)</b> | GRAV                             | SM 18-20 5520B (01)       | 9055 |
|                          |   | GRAV                             | EPA 9070 (Solvent:Hexane) | 9970 |
|                          |   | GRAV                             | EPA 1664A                 | 1664 |
|                          | <b>Organic Carbon, Total</b>                    | IR                               | AOAC 973.47               | 2297 |
| IR                       |   | EPA 415.2                        | 2292                      |      |
| IR                       |   | USGS Bk. 5 p. 14                 | 2294                      |      |
| IR                       |   | SM 18-21 5310B (00)              | 2577                      |      |
| IR                       |   | ASTM D2579-93A                   | 2295                      |      |
| IR                       |   | EPA 9060                         | 9960                      |      |
| IR                       |   | USGS O-3100-83                   | 3117                      |      |

|   |                           |                           |                          |
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**Wastewater Miscellaneous**

| Analyte                      | Technology               | Method Description        | ELAP Method Number   |      |
|------------------------------|--------------------------|---------------------------|----------------------|------|
| <b>Organic Carbon, Total</b> | IR                       | SM 18-21 5310C (00)       | 2578                 |      |
|                              | IR                       | ASTM D2579-93B            | 2296                 |      |
|                              | IR                       | SM 18-21 5310D (00)       | 2579                 |      |
| <b>Perchlorate</b>           | HPLC-ESMS                | EPA 6850                  | 1183                 |      |
|                              | HPLC-ESMS                | EPA 331.0                 | 3310                 |      |
|                              | IC-COND                  | EPA 314.0                 | 3140                 |      |
| <b>Phenols</b>               | AUTO                     | EPA 420.4 Rev. 1.0        | 4204                 |      |
|                              | AUTO                     | LACHAT 10-210-00-1-A      | 1243                 |      |
|                              | COLOR                    | EPA 9066                  | 9966                 |      |
|                              | COLOR                    | SM 14 510C                | 1115                 |      |
|                              | COLOR                    | SM 18 5530 (USGS Only)    | 3114                 |      |
|                              | COLOR                    | SM 14 510A                | 2324                 |      |
|                              | COLOR                    | SM 14 510B                | 2326                 |      |
|                              | COLOR                    | EPA 420.1 Rev. 1978       | 2321                 |      |
|                              | COLOR                    | EPA 9065                  | 9965                 |      |
|                              | <b>Silica, Dissolved</b> | AUTO                      | USGS I-2700-85       | 2369 |
|                              |                          | AUTO                      | LACHAT 10-114-27-1-A | 1245 |
| COLOR                        |                          | SM 20-21 4500 SiO2-C (97) | 9069                 |      |
| COLOR                        |                          | SM 18-19 4500-Si D        | 9068                 |      |
| COLOR                        |                          | ASTM D859-94 & 00         | 2367                 |      |
| COLOR                        |                          | USGS I-1700-85            | 2368                 |      |
|                              | ICP-AES                  | USGS I-4471-97            | 3112                 |      |

|   |                           |                           |                          |
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**Wastewater Miscellaneous**

| Analyte                     | Technology               | Method Description     | ELAP Method Number  |      |
|-----------------------------|--------------------------|------------------------|---------------------|------|
| <b>Silica, Dissolved</b>    | ICP-AES                  | EPA 6010B              | 4065                |      |
|                             | ICP-AES                  | SM 18-21 3120B (99)    | 2583                |      |
|                             | ICP-AES                  | EPA 200.7 Rev. 4.4     | 2017                |      |
|                             | PREP                     | EPA 200.2              | 2650                |      |
| <b>Specific Conductance</b> | COND                     | SM 18-21 2510B (97)    | 9071                |      |
|                             | COND                     | ASTM D1125-95A         | 2381                |      |
|                             | COND                     | EPA 9050               | 9950                |      |
|                             | COND                     | EPA 120.1 Rev. 1982    | 2379                |      |
|                             | COND                     | USGS I-2781-85         | 2382                |      |
|                             | COND                     | AOAC 973.40            | 1283                |      |
|                             | <b>Surfactant (MBAS)</b> | COLOR                  | SM 18-21 5540C (00) | 9077 |
|                             |                          | COLOR                  | USGS O-3128-95      | 3116 |
| COLOR                       |                          | ASTM D2330-88 & 02     | 2403                |      |
| <b>Sulfide (as S)</b>       | COLOR                    | SM 18-20 4500-S D (00) | 9075                |      |
|                             | POT                      | ASTM D4658-03          | 1139                |      |
|                             | POT                      | SM 18-20 4500-S G (00) | 1138                |      |
|                             | PREP                     | EPA 9030B              | 4010                |      |
|                             | TITR                     | SM 18 4500-S E         | 9074                |      |
|                             | TITR                     | SM 19-20 4500-S F (00) | 1023                |      |
|                             | TITR                     | USGS I-3840-85         | 2395                |      |
|                             | TITR                     | EPA 9034               | 4316                |      |
| <b>Temperature</b>          | 99                       | USGS 1975, Bk 1Ch D1   | 2406                |      |

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**Wastewater Miscellaneous**

| Analyte                             | Technology | Method Description  | ELAP Method Number |
|-------------------------------------|------------|---------------------|--------------------|
| <b>Temperature</b>                  | 99         | SM 18-21 2550B (00) | 9078               |
| <b>Total Petroleum Hydrocarbons</b> | GRAV       | EPA 1664A           | 1664               |
|                                     | IR         | EPA 8440            | 8440               |
|                                     | IR         | EPA 418.1           | 4181               |

**Amines**

| Analyte                | Technology | Method Description | ELAP Method Number |
|------------------------|------------|--------------------|--------------------|
| <b>Aniline</b>         | GC-MS      | EPA 8270C          | 5056               |
|                        | GC-NPD     | EPA 8131           | 8131               |
| <b>4-Chloroaniline</b> | GC-FTIR    | EPA 8410           | 8410               |
|                        | GC-MS      | EPA 8270C          | 5056               |
| <b>1-Naphthylamine</b> | GC-NPD     | EPA 8131           | 8131               |
|                        | GC-MS      | EPA 8270C          | 5056               |
| <b>2-Naphthylamine</b> | GC-MS      | EPA 8270C          | 5056               |
| <b>2-Nitroaniline</b>  | GC-FTIR    | EPA 8410           | 8410               |
|                        | GC-MS      | EPA 8270C          | 5056               |
|                        | GC-NPD     | EPA 8131           | 8131               |
| <b>3-Nitroaniline</b>  | GC-FTIR    | EPA 8410           | 8410               |
|                        | GC-MS      | EPA 8270C          | 5056               |
|                        | GC-NPD     | EPA 8131           | 8131               |
| <b>4-Nitroaniline</b>  | GC-FTIR    | EPA 8410           | 8410               |
|                        | GC-MS      | EPA 8270C          | 5056               |
|                        | GC-NPD     | EPA 8131           | 8131               |

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***Amines***

| Analyte                     | Technology | Method Description | ELAP Method Number |
|-----------------------------|------------|--------------------|--------------------|
| <b>5-Nitro-o-toluidine</b>  | GC-MS      | EPA 8270C          | 5056               |
| <b>Carbazole</b>            | GC-MS      | EPA 1625B          | 5030               |
|                             | GC-MS      | EPA 8270C          | 5056               |
| <b>Diphenylamine</b>        | GC-MS      | EPA 8270C          | 5056               |
|                             | GC-MS      | EPA 1625B          | 5030               |
| <b>Methapyrilene</b>        | GC-MS      | EPA 8270C          | 5056               |
| <b>1,4-Phenylenediamine</b> | GC-MS      | EPA 8270C          | 5056               |
| <b>Pronamide</b>            | GC-MS      | EPA 8270C          | 5056               |
| <b>Propionitrile</b>        | GC-FID     | EPA 8015 B         | 9994               |
|                             | GC-MS      | EPA 8260B          | 4094               |
| <b>Pyridine</b>             | GC-MS      | EPA 625            | 5005               |
|                             | GC-MS      | EPA 8270C          | 5056               |
|                             | GC-MS      | EPA 8260B          | 4094               |

***Purgeable Organics***

| Analyte             | Technology | Method Description | ELAP Method Number |
|---------------------|------------|--------------------|--------------------|
| <b>Acetone</b>      | GC-FID     | EPA 8015 B         | 9994               |
|                     | GC-HRMS    | EPA 1624B          | 5037               |
|                     | GC-MS      | EPA 8260B          | 4094               |
|                     | HPLC-UV    | EPA 8315           | 8315               |
|                     | PREP       | EPA 5030B          | 4058               |
| <b>Acetonitrile</b> | GC-FID     | EPA 8015 B         | 9994               |
|                     | GC-MS      | EPA 8260B          | 4094               |

|   |                           |                           |                          |
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**Purgeable Organics**

| Analyte                                | Technology | Method Description | ELAP Method Number |
|--|------------|--------------------|--------------------|
| <b>Acetonitrile</b>                    | GC-NPD     | EPA 8033           | 8033               |
| <b>2-Butanone (Methylethyl ketone)</b> | GC-FID     | EPA 8015 B         | 9994               |
|  | GC-HRMS    | EPA 1624B          | 5037               |
|  | GC-MS      | USGS O-4127-96     | 3106               |
|  | GC-MS      | EPA 8260B          | 4094               |
|  | PREP       | EPA 5030B          | 4058               |
|  | GC-MS      | EPA 8260B          | 4094               |
| <b>Carbon Disulfide</b>                | GC-MS      | EPA 8260B          | 4094               |
| <b>Cyclohexane</b>                     | GC-FID     | EPA 8015 B         | 9994               |
|  | GC-MS      | EPA 8260B          | 4094               |
| <b>1,4-Dioxane</b>                     | GC-MS      | EPA 8260B          | 4094               |
| <b>Ethyl Acetate</b>                   | GC-FID     | EPA 8015 B         | 9994               |
|  | GC-MS      | EPA 8260B          | 4094               |
| <b>Methyl acetate</b>                  | GC-FID     | EPA 8015 B         | 9994               |
|  | GC-MS      | EPA 8260B          | 4094               |
| <b>2-Hexanone</b>                      | GC-MS      | EPA 8260B          | 4094               |
|  | GC-MS      | EPA 8260B          | 4094               |
| <b>Isobutyl alcohol</b>                | GC-FID     | EPA 8015 B         | 9994               |
|  | GC-MS      | EPA 8260B          | 4094               |
| <b>Methyl iodide</b>                   | GC-MS      | EPA 8260B          | 4094               |
|  | GC-MS      | EPA 8260B          | 4094               |
| <b>4-Methyl-2-Pentanone</b>            | GC-MS      | EPA 8260B          | 4094               |
|  | PREP       | EPA 5030B          | 4058               |
| <b>o-Toluidine</b>                     | GC-FID     | EPA 8015 B         | 9994               |
|  | GC-MS      | EPA 8270C          | 5056               |

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**Purgeable Organics**

| Analyte              | Technology | Method Description | ELAP Method Number |
|----------------------|------------|--------------------|--------------------|
| <b>o-Toluidine</b>   | GC-MS      | EPA 8260B          | 4094               |
| <b>Vinyl acetate</b> | GC-MS      | EPA 8260B          | 4094               |
|                      | PREP       | EPA 5030B          | 4058               |

**Semi-Volatile Organics**

| Analyte                          | Technology | Method Description | ELAP Method Number |
|----------------------------------|------------|--------------------|--------------------|
| <b>Acetophenone</b>              | GC-MS      | EPA 8270C          | 5056               |
| <b>4-Amino biphenyl</b>          | GC-MS      | EPA 8270C          | 5056               |
| <b>Benzoic Acid</b>              | GC-FTIR    | EPA 8410           | 8410               |
|                                  | GC-MS      | EPA 8270C          | 5056               |
| <b>Benzyl alcohol</b>            | GC-MS      | EPA 8270C          | 5056               |
| <b>Benzaldehyde</b>              | GC-MS      | EPA 8270C          | 5056               |
|                                  | HPLC-UV    | EPA 8315           | 8315               |
| <b>1,1'-Biphenyl</b>             | GC-MS      | EPA 8270C          | 5056               |
| <b>Caprolactam</b>               | GC-MS      | EPA 8270C          | 5056               |
| <b>Dibenzofuran</b>              | GC-FTIR    | EPA 8410           | 8410               |
|                                  | GC-MS      | EPA 8270C          | 5056               |
|                                  | GC-MS      | EPA 8275           | 8275               |
|                                  | PREP       | EPA 3510C          | 4052               |
|                                  | PREP       | EPA 3520C          | 4053               |
| <b>p-Dimethylaminoazobenzene</b> | GC-MS      | EPA 8270C          | 5056               |
| <b>Ethyl methanesulfonate</b>    | GC-MS      | EPA 8270C          | 5056               |
| <b>Isosafrole</b>                | GC-MS      | EPA 8270C          | 5056               |

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**Semi-Volatile Organics**

| Analyte                                | Technology | Method Description | ELAP Method Number |
|--|------------|--------------------|--------------------|
| <b>Methyl cyclohexane</b>              | GC-FID     | EPA 8015 B         | 9994               |
|  | GC-MS      | EPA 8260B          | 4094               |
|  | GC-MS      | EPA 8270C          | 5056               |
| <b>Methyl methanesulfonate</b>         | GC-MS      | EPA 8270C          | 5056               |
| <b>2-Methylnaphthalene</b>             | GC-FTIR    | EPA 8410           | 8410               |
|  | GC-MS      | EPA 8270C          | 5056               |
|  | PREP       | EPA 3510C          | 4052               |
|  | PREP       | EPA 3520C          | 4053               |
| <b>Phenacetin</b>                      | GC-MS      | EPA 8270C          | 5056               |
| <b>Safrole</b>                         | GC-MS      | EPA 8270C          | 5056               |
| <b>O,O,O-Triethyl phosphorothioate</b> | GC-MS      | EPA 8270C          | 5056               |

**Carbamate Pesticides**

| Analyte                   | Technology | Method Description | ELAP Method Number |
|---------------------------|------------|--------------------|--------------------|
| <b>Aldicarb Sulfone</b>   | HPLC-FLUOR | EPA 8318           | 8311               |
|                           | HPLC-TSMS  | EPA 8321           | 8321               |
| <b>Aldicarb Sulfoxide</b> | HPLC-TSMS  | EPA 8321           | 8321               |
| <b>Aldicarb</b>           | HPLC-FLUOR | EPA 8318           | 8311               |
|                           | HPLC-TSMS  | EPA 8321           | 8321               |
| <b>Carbofuran</b>         | GC-MS      | EPA 8270C          | 5056               |
|                           | HPLC-FLUOR | EPA 8318           | 8311               |
|                           | HPLC-TSMS  | EPA 8321           | 8321               |
|                           | HPLC-UV    | EPA 632            | 6320               |

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**Carbamate Pesticides**

| Analyte         | Technology | Method Description | ELAP Method Number |
|-----------------|------------|--------------------|--------------------|
| <b>Carbaryl</b> | GC-ECD     | SM 15 p.S60        | 5009               |
|                 | GC-ECD     | EPA 1978 p.94      | 5008               |
|                 | GC-MS      | USGS O-1126-95     | 3110               |
|                 | HPLC-TSMS  | USGS O-2060-01     | 3109               |

**Microextractables**

| Analyte                            | Technology | Method Description | ELAP Method Number |
|------------------------------------|------------|--------------------|--------------------|
| <b>1,2-Dibromoethane</b>           | GC-ECD     | EPA 8011           | 9993               |
|                                    | GCELCD/PID | SM 18-19 6230D     | 5204               |
|                                    | GCELCD/PID | EPA 8021B          | 4095               |
|                                    | GC-MS      | EPA 8260B          | 4094               |
|                                    | PREP       | EPA 5030B          | 4058               |
| <b>1,2-Dibromo-3-chloropropane</b> | GC-ECD     | EPA 8011           | 9993               |
|                                    | GC-ECD     | EPA 8081A          | 4048               |
|                                    | GCELCD/PID | EPA 8021B          | 4095               |
|                                    | GCELCD/PID | SM 18-19 6230D     | 5204               |
|                                    | GC-MS      | EPA 8260B          | 4094               |
|                                    | GC-MS      | EPA 8270C          | 5056               |
|                                    | PREP       | EPA 5030B          | 4058               |

**Fuel Oxygenates**

| Analyte                   | Technology | Method Description | ELAP Method Number |
|---------------------------|------------|--------------------|--------------------|
| <b>Di-isopropyl ether</b> | GC-FID     | EPA 8015 B         | 9994               |
|                           | GC-MS      | EPA 8260B          | 4094               |
| <b>Ethanol</b>            | GC-FID     | EPA 8015 B         | 9994               |

|   |                           |                           |                          |
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***Fuel Oxygenates***

| Analyte                        | Technology | Method Description | ELAP Method Number |
|--------------------------------|------------|--------------------|--------------------|
| <b>Ethanol</b>                 | GC-MS      | EPA 8260B          | 4094               |
| <b>ethyl tert-butyl ether</b>  | GC-FID     | EPA 8015 B         | 9994               |
|                                | GC-MS      | EPA 8260B          | 4094               |
| <b>Methyl tert-butyl ether</b> | GCELCD/PID | EPA 8021B          | 4095               |
|                                | GC-MS      | EPA 8260B          | 4094               |
|                                | PREP       | EPA 5030B          | 4058               |
| <b>tert-amyl alcohol</b>       | GC-FID     | EPA 8015 B         | 9994               |
|                                | GC-MS      | EPA 8260B          | 4094               |
| <b>tert-amyl methyl ether</b>  | GC-FID     | EPA 8015 B         | 9994               |
|                                | GC-MS      | EPA 8260B          | 4094               |
| <b>tert-Butyl alcohol</b>      | GC-FID     | EPA 8015 B         | 9994               |
|                                | GC-MS      | EPA 8260B          | 4094               |