# 2014 LIST OF LABORATORIES CERTIFIED BY THE LOUISIANA FOR DRINKING WATER ANALYSES – CHEMISTRY

**Current as of June 19, 2014**

**Accutest Laboratories Gulf Coast - Louisiana**
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**EPA Laboratory #:** **LA00013**
**TNI Laboratory #:** **TNI01404**

**LADHH Primary AB (TNI-NELAP)**

**Certificate Number:** **LA140022** **Issue Date: 01-01-2014** **Expiration Date: 12-31-2014**

## Inorganic Parameters

| Analyte | Method | Tech. | Analyte | Method | Tech. | Analyte | Method | Tech. |
|---|---|---|---|---|---|---|---|---|
| Alkalinity as CaCO3 | SM2320B | TITR | Aluminum | EPA 200.8 | ICP-MS | Antimony | EPA 200.8 | ICP-MS |
| Arsenic | EPA 200.8 | ICP-MS | Barium | EPA 200.8 | ICP-MS | Beryllium | EPA 200.8 | ICP-MS |
| Cadmium | EPA 200.8 | ICP-MS | Chloride | EPA 300.0 | IC-COND | Chromium | EPA 200.8 | ICP-MS |
| Copper | EPA 200.8 | ICP-MS | Fluoride | EPA 300.0 | IC-COND | Lead | EPA 200.8 | ICP-MS |
| Manganese | EPA 200.8 | ICP-MS | Mercury | EPA 245.1 | CVAAS | Nickel | EPA 200.8 | ICP-MS |
| Nitrate as N | EPA 300.0 | IC-COND | Nitrate-Nitrite asN | SM 4500-NO3$^-$ E | UV-VIS | Selenium | EPA 200.8 | ICP-MS |
| Silver | EPA 200.8 | ICP-MS | Sulfate | EPA 300.0 | IC-COND | Thallium | EPA 200.8 | ICP-MS |
| Total Organic Carbon (TOC) | SM 5310B | TOC-IR | Vanadium | EPA 200.8 | ICP-MS | | | |

## Organic Parameters

| Analyte | Method | Tech. | Analyte | Method | Tech. | Analyte | Method | Tech. |
|---|---|---|---|---|---|---|---|---|
| 1,1,1,2-Tetrachloroethane | EPA 524.2 | GC-MS | 1,1,1-Trichloroethane | EPA 524.2 | GC-MS | 1,1,2,2-Tetrachloroethane | EPA 524.2 | GC-MS |
| 1,1,2-Trichloroethane | EPA 524.2 | GC-MS | 1,1-Dichloroethane | EPA 524.2 | GC-MS | 1,1-Dichloroethylene | EPA 524.2 | GC-MS |
| 1,1-Dichloropropene | EPA 524.2 | GC-MS | 1,2,3-Trichlorobenzene | EPA 524.2 | GC-MS | 1,2,3-Trichloropropane | EPA 524.2 | GC-MS |
| 1,2,4-Trichlorobenzene | EPA 524.2 | GC-MS | 1,2,4-Trimethylbenzene | EPA 524.2 | GC-MS | 1,2-Dibromo-3-chloropropane (DBCP | EPA 504.1 | GC-ECD |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 1,2-Dibromoethane (EDB) | EPA 504.1 | GC-ECD | 1,2-Dichlorobenzene | EPA 524.2 | GC-MS | 1,2-Dichloroethane | EPA 524.2 | GC-MS |
| 1,2-Dichloropropane | EPA 524.2 | GC-MS | 1,3,5-Trimethylbenzene | EPA 524.2 | GC-MS | 1,3-Dichlorobenzene | EPA 524.2 | GC-MS |
| 1,3-Dichloropropane | EPA 524.2 | GC-MS | 1,4-Dichlorobenzene | EPA 524.2 | GC-MS | 2,2-Dichloropropane | EPA 524.2 | GC-MS |
| 2-Chlorotoluene | EPA 524.2 | GC-MS | 4-Chlorotoluene | EPA 524.2 | GC-MS | 4-Isopropyltoluene | EPA 524.2 | GC-MS |
| Benzene | EPA 524.2 | GC-MS | Bromoacetic Acid | EPA 552.3 | GC-ECD | Bromobenzene | EPA 524.2 | GC-MS |
| Bromochloromethane | EPA 524.2 | GC-MS | Bromodichloromethane | EPA 524.2 | GC-MS | Bromoform | EPA 524.2 | GC-MS |
| Carbon Tetrachloride | EPA 524.2 | GC-MS | Chloroacetic Acid | EPA 552.2 | GC-ECD | Chlorobenzene | EPA 524.2 | GC-MS |
| Chloroethane | EPA 524.2 | GC-MS | Chloroform | EPA 524.2 | GC-MS | cis-1,2-Dichloroethylene | EPA 524.2 | GC-MS |
| cis-1,3-Dichloropropene | EPA 524.2 | GC-MS | Dibromoacetic Acid | EPA 552.3 | GC-ECD | Dibromochloromethane | EPA 524.2 | GC-MS |
| Dibromomethane | EPA 524.2 | GC-MS | Dichloroacetic Acid | EPA 552.2 | GC-ECD | Dichlorodifluoromethane | EPA 524.2 | GC-MS |
| Dichloromethane | EPA 524.2 | GC-MS | Ethylbenzene | EPA 524.2 | GC-MS | Isopropylbenzene | EPA 524.2 | GC-MS |
| Methyl Bromide (Bromomethane) | EPA 524.2 | GC-MS | Methyl Chloride (Chloromethane) | EPA 524.2 | GC-MS | Methyl tert-butyl Ether (MTBE) | EPA 524.2 | GC-MS |
| Naphthalene | EPA 524.2 | GC-MS | n-Butylbenzene | EPA 524.2 | GC-MS | n-Propylbenzene | EPA 524.2 | GC-MS |
| sec-Butylbenzene | EPA 524.2 | GC-MS | Styrene | EPA 524.2 | GC-MS | tert-Butylbenzene | EPA 524.2 | GC-MS |
| Tetrachloroethylene | EPA 524.2 | GC-MS | Toluene | EPA 524.2 | GC-MS | Total Haloacetic Acids (HAA5) | EPA 552.3 | GC-ECD |
| Total Trihalomethanes (THMs) | EPA 524.2 | GC-MS | trans-1,2-Dichloroethylene | EPA 524.2 | GC-MS | trans-1,3-Dichloropropene | EPA 524.2 | GC-MS |
| Trichloroacetic Acid | EPA 552.3 | GC-ECD | Trichloroethylene | EPA 524.2 | GC-MS | Trichlorofluoromethane | EPA 524.2 | GC-MS |
| Vinyl Chloride | EPA 524.2 | GC-MS | Xylenes (total) | EPA 524.2 | GC-MS | | | |

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**EPA Laboratory #:** **TX02694**
**TNI Laboratory #:** **TNI00027**

**LADHH Secondary AB (TNI-NELAP)**

**Certificate Number:** **LA140014** **Issue Date: 01-01-2014** **Expiration Date: 12-31-2014**

## Organic Parameters

| Analyte | Method | Tech. | Analyte | Method | Tech. | Analyte | Method | Tech. |
|---|---|---|---|---|---|---|---|---|
| 2,3,7,8-TCDD (Dioxin) | EPA 1613 | GC-HRMS | | | | | | |

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**EPA Laboratory #: OH01323**
**TNI Laboratory #: TNI01683**

**LADHH Secondary AB (TNI-NELAP)**

**Certificate Number: LA140019** **Issue Date: 01-01-2014** **Expiration Date: 12-31-2014**

## Inorganic Parameters

| Analyte | Method | Tech | Analyte | Method | Tech | Analyte | Method | Tech. |
|---|---|---|---|---|---|---|---|---|
| Asbestos | EPA 100.1 | TEM | Asbestos | EPA 100.2 | TEM | | | |

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**EPA Laboratory #: LA01131**
**TNI Laboratory #: TNI00266**

**LADHH Primary AB (TNI-NELAP)**

**Certificate Number: LA140020** **Issue Date: 01-01-2014** **Expiration Date: 12-31-2014**

## Radiological Parameters

| Analyte | Method | Tech. | Analyte | Method | Tech. | Analyte | Method | Tech. |
|---|---|---|---|---|---|---|---|---|
| Barium-133 | EPA 901.1 | GS-HR | Cesium-134 | EPA 901.1 | GS-HR | Cesium-137 | EPA 901.1 | GS-HR |
| Cobalt-60 | EPA 901.1 | GS-HR | Gamma Emitters | EPA 901.1 | GS-HR | Gross Alpha | EPA 900.0 | PC |
| Gross Beta | EPA 900.0 | PC | Radium-226 | EPA 903.1 | ASC | Radium-228 | EPA 904.0 | PC |
| Strontium-89 | EPA 905.0 | PC | Strontium-90 | EPA 905.0 | PC | Total Alpha Radium | EPA 903.0 | PC |
| Tritium | EPA 906.0 | LSC | Uranium (nat) | EPA 200.8 | ICP-MS | Zinc-65 | EPA 901.1 | GS-HR |

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**EPA Laboratory #: IL00028**
**TNI Laboratory #: TNI02194**

**LADHH Secondary AB (TNI-NELAP)**

**Certificate Number: LA140006** **Issue Date: 01-01-2014** **Expiration Date: 12-31-2014**

## Inorganic Parameters

| Analyte | Method | Tech. | Analyte | Method | Tech. | Analyte | Method | Tech. |
|---|---|---|---|---|---|---|---|---|
| Alkalinity as CaCO3 | SM2320B | TITR | Aluminum | EPA 200.8 | ICP-MS | Antimony | EPA 200.8 | ICP-MS |
| Arsenic | EPA 200.8 | ICP-MS | Barium | EPA 200.8 | ICP-MS | Beryllium | EPA 200.8 | ICP-MS |
| Bromate | EPA 300.1 | IC-COND | Bromide | EPA 300.1 | IC-COND | Cadmium | EPA 200.8 | ICP-MS |
| Calcium | EPA 200.7 | ICP-AES | Chlorate | EPA 300.1 | IC-COND | Chloride | EPA 300.0 | IC-COND |
| Chlorite | EPA 300.1 | IC-COND | Chromium | EPA 200.7 | ICP-AES | Chromium | EPA 200.8 | ICP-MS |
| Color | SM 2120B | OTHER | Conductivity | SM 2510B | COND | Copper | EPA 200.8 | ICP-MS |
| Corrosivity (Langlier Index) | SM 2330B | OTHER | Cyanide | EPA 335.4 | AUTO | Dissolved Organic Carbon (DOC) | SM 5310C | TOC-FID |
| Fluoride | EPA 300.0 | IC-COND | Fluoride | SM 4500-$F^-$ C | ISE | Hardness as $CaCO_3$ (calcium) | EPA 200.7 | ICP-AES |
| Hardness as $CaCO_3$ (calcium) | SM 2340B | OTHER | Hardness as $CaCO_3$ (total) | EPA 200.7 | ICP-AES | Hardness as $CaCO_3$ (total) | SM 2340B | OTHER |
| Iron | EPA 200.7 | ICP-AES | Lead | EPA 200.8 | ICP-MS | Magnesium | EPA 200.7 | ICP-AES |
| Manganese | EPA 200.8 | ICP-MS | Mercury | EPA 200.8 | ICP-MS | Mercury | EPA 245.1 | CVAAS |
| Molybdenum | EPA 200.8 | ICP-MS | Nickel | EPA 200.8 | ICP-MS | Nitrate as N | EPA 300.0 | IC-COND |
| Nitrate-Nitrite as N | EPA 300.0 | IC-COND | Nitrite as N | EPA 300.0 | IC-COND | Odor | SM 2150B | OTHER |
| Orthophosphate as P | EPA 300.0 | IC-COND | Perchlorate | EPA 314.0 | IC-COND | pH | SM 4500-$H^+$ B | ISE |
| Potassium | EPA 200.7 | ICP-AES | Residue-Filterable (TDS) | SM 2540C | GRAV | Selenium | EPA 200.8 | ICP-MS |
| Silica as $SiO_2$ | EPA 200.7 | ICP-AES | Silver | EPA 200.8 | ICP-MS | Sodium | EPA 200.7 | ICP-AES |
| Sulfate | EPA 300.0 | IC-COND | Thallium | EPA 200.8 | ICP-MS | Total Organic Carbon (TOC) | SM 5310C | TOC-FID |
| Turbidity | EPA 180.1 | TURB | Uranium | EPA 200.8 | ICP-MS | UV254 | SM 5910B | UV/VIS |
| Zinc | EPA 200.8 | ICP-MS | | | | | | |

# Organic Parameters

| Analyte | Method | Tech. | Analyte | Method | Tech. | Analyte | Method | Tech. |
|---|---|---|---|---|---|---|---|---|
| 1,1,1,2-Tetrachloroethane | EPA 524.2 | GC-MS | 1,1,1-Trichloroethane | EPA 524.2 | GC-MS | 1,1,2,2-Tetrachloroethane | EPA 524.2 | GC-MS |
| 1,1,2-Trichloroethane | EPA 524.2 | GC-MS | 1,1-Dichloroethane | EPA 524.2 | GC-MS | 1,1-Dichloroethylene | EPA 524.2 | GC-MS |
| 1,1-Dichloropropene | EPA 524.2 | GC-MS | 1,2,3-Trichlorobenzene | EPA 524.2 | GC-MS | 1,2,3-Trichloropropane | EPA 524.2 | GC-MS |
| 1,2,4-Trichlorobenzene | EPA 524.2 | GC-MS | 1,2,4-Trimethylbenzene | EPA 524.2 | GC-MS | 1,2-Dibromo-3-chloropropane (DBCP | EPA 504.1 | GC-ECD |
| 1,2-Dibromoethane (EDB) | EPA 504.1 | GC-ECD | 1,2-Dichlorobenzene | EPA 524.2 | GC-MS | 1,2-Dichloroethane | EPA 524.2 | GC-MS |
| 1,2-Dichloropropane | EPA 524.2 | GC-MS | 1,3,5-Trimethylbenzene | EPA 524.2 | GC-MS | 1,3-Dichlorobenzene | EPA 524.2 | GC-MS |
| 1,3-Dichloropropane | EPA 524.2 | GC-MS | 1,4-Dichlorobenzene | EPA 524.2 | GC-MS | 2,2-Dichloropropane | EPA 524.2 | GC-MS |
| 2,4-D | EPA 515.3 | GC-ECD | 2-Chlorotoluene | EPA 524.2 | GC-MS | 3-Hydroxycarbofuran | EPA 531.1 | HPLC-FLUOR |
| 4-Chlorotoluene | EPA 524.2 | GC-MS | 4-Isopropyltoluene | EPA 524.2 | GC-MS | Alachlor | EPA 525.2 | GC-MS |
| Aldicarb | EPA 531.1 | HPLC-FLUOR | Aldicarb Sulfone | EPA 531.1 | HPLC-FLUOR | Aldicarb Sulfoxide | EPA 531.1 | HPLC-FLUOR |
| Aldrin | EPA 525.2 | GC-MS | Atrazine | EPA 525.2 | GC-MS | Bentazon | EPA 515.3 | GC-ECD |
| Benzene | EPA 524.2 | GC-MS | Benzo(a)pyrene (PAHs) | EPA 525.2 | GC-MS | Bis(2-ethylhexyl) phthalate | EPA 525.2 | GC-MS |
| Bromoacetic Acid | EPA 552.3 | GC-ECD | Bromobenzene | EPA 524.2 | GC-MS | Bromochloromethane | EPA 524.2 | GC-MS |
| Bromodichloromethane | EPA 524.2 | GC-MS | Bromoform | EPA 524.2 | GC-MS | Butachlor | EPA 525.2 | GC-MS |
| Carbaryl | EPA 531.1 | HPLC-FLUOR | Carbofuran | EPA 531.1 | HPLC-FLUOR | Carbon Tetrachloride | EPA 524.2 | GC-MS |
| Chlordane (tech.) | EPA 505 | GC-ECD | Chloroacetic Acid | EPA 552.3 | GC-ECD | Chlorobenzene | EPA 524.2 | GC-MS |
| Chloroethane | EPA 524.2 | GC-MS | Chloroform | EPA 524.2 | GC-MS | cis-1,2-Dichloroethylene | EPA 524.2 | GC-MS |
| cis-1,3-Dichloropropene | EPA 524.2 | GC-MS | Dalapon | EPA 515.3 | GC-ECD | Di(2-ethylhexyl) Adipate | EPA 525.2 | GC-MS |
| Dibromoacetic Acid | EPA 552.3 | GC-ECD | Dibromochloromethane | EPA 524.2 | GC-MS | Dibromomethane | EPA 524.2 | GC-MS |
| Dicamba | EPA 515.3 | GC-ECD | Dichloroacetic Acid | EPA 552.3 | GC-ECD | Dichlorodifluoromethane | EPA 524.2 | GC-MS |
| Dichloromethane | EPA 524.2 | GC-MS | Dieldrin | EPA 525.2 | GC-MS | Dinoseb | EPA 515.3 | GC-ECD |
| Diquat | EPA 549.2 | HPLC-UV | Endothall | EPA 548.1 | GC-MS | Endrin | EPA 525.2 | GC-MS |
| Ethylbenzene | EPA 524.2 | GC-MS | gamma-BHC (Lindane) | EPA 525.2 | GC-MS | Glyphosate | EPA 547 | HPLC-FLUOR |
| Heptachlor | EPA 525.2 | GC-MS | Heptachlor Epoxide | EPA 525.2 | GC-MS | Hexachlorobenzene | EPA 525.2 | GC-MS |
| Hexachlorobutadiene | EPA 524.2 | GC-MS | Hexachlorocyclopentadiene | EPA 525.2 | GC-MS | Isopropylbenzene | EPA 524.2 | GC-MS |
| Methomyl | EPA 531.1 | HPLC-FLUOR | Methoxychlor | EPA 525.2 | GC-MS | Methyl Bromide (Bromomethane) | EPA 524.2 | GC-MS |
| Methyl Chloride (Chloromethane) | EPA 524.2 | GC-MS | Methyl tert-butyl Ether (MTBE) | EPA 524.2 | GC-MS | Metolachlor | EPA 525.2 | GC-MS |
| Metribuzin | EPA 525.2 | GC-MS | Molinate | EPA 525.2 | GC-MS | Naphthalene | EPA 524.2 | GC-MS |
| n-Butylbenzene | EPA 524.2 | GC-MS | n-Propylbenzene | EPA 524.2 | GC-MS | Oxamyl | EPA 531.1 | HPLC-FLUOR |
| PCBs as Aroclors (screen) | EPA 505 | GC-ECD | Pentachlorophenol | EPA 515.3 | GC-ECD | Picloram | EPA 515.3 | GC-ECD |
| Propachlor | EPA 525.2 | GC-MS | sec-Butylbenzene | EPA 524.2 | GC-MS | Silvex (2,4,5-TP) | EPA 515.3 | GC-ECD |
| Simazine | EPA 525.2 | GC-MS | Styrene | EPA 524.2 | GC-MS | tert-Butylbenzene | EPA 524.2 | GC-MS |
| Tetrachloroethylene | EPA 524.2 | GC-MS | Thiobencarb | EPA 525.2 | GC-MS | Toluene | EPA 524.2 | GC-MS |
| Total Haloacetic Acids (HAA5) | EPA 552.3 | GC-ECD | Total Trihalomethanes (THMs) | EPA 524.2 | GC-MS | Toxaphene | EPA 505 | GC-ECD |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| trans-1,2-Dichloroethylene | EPA 524.2 | GC-MS | trans-1,3-Dichloropropene | EPA 524.2 | GC-MS | Trichloroacetic Acid | EPA 552.3 | GC-ECD |
| Trichloroethylene | EPA 524.2 | GC-MS | Trichlorofluoromethane | EPA 524.2 | GC-MS | Vinyl Chloride | EPA 524.2 | GC-MS |
| Xylenes (total) | EPA 524.2 | GC-MS | | | | | | |

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**EPA Laboratory #: TX00063**
**TNI Laboratory #: TNI00014**

**LADHH Secondary AB (TNI-NELAP)**

**Certificate Number: LA140012** **Issue Date: 01-01-2014** **Expiration Date: 12-31-2014**

## Inorganic Parameters

| Analyte | Method | Tech. | Analyte | Method | Tech. | Analyte | Method | Tech. |
|---|---|---|---|---|---|---|---|---|
| Alkalinity as CaCO3 | SM2320B | TITR | Aluminum | EPA 200.8 | ICP-MS | Antimony | EPA 200.8 | ICP-MS |
| Arsenic | EPA 200.8 | ICP-MS | Barium | EPA 200.8 | ICP-MS | Beryllium | EPA 200.8 | ICP-MS |
| Boron | EPA 200.7 | ICP-AES | Bromate | EPA 300.1 | IC-COND | Bromide | EPA 300.0 | IC-COND |
| Cadmium | EPA 200.8 | ICP-MS | Calcium | EPA 200.7 | ICP-AES | Chlorate | EPA 300.1 | IC-COND |
| Chloride | EPA 300.0 | IC-COND | Chlorine (free residual) | SM 4500-Cl F | TITR | Chlorine (total residual) | SM 4500-Cl F | TITR |
| Chlorite | EPA 300.1 | IC-COND | Chromium | EPA 200.8 | ICP-MS | Conductivity | SM 2510B | COND |
| Copper | EPA 200.8 | ICP-MS | Corrosivity (Langlier Index) | SM 2330B | OTHER | Cyanide | SM 4500-$CN^-$ E | UV-VIS |
| Cyanide (amenable) | SM 4500-$CN^-$ G | OTHER | Dissolved Organic Carbon (DOC) | SM 5310C | TOC-FID | Fluoride | EPA 300.0 | IC-COND |
| Hardness as $CaCO_3$ (calcium) | SM 2340B | OTHER | Hardness as $CaCO_3$ (total) | EPA 130.2 | TITR | Hardness as $CaCO_3$ (total) | SM 2340B | OTHER |
| Hardness as $CaCO_3$ (total) | SM 2340C | TITR | Iron | EPA 200.7 | ICP-AES | Lead | EPA 200.8 | ICP-MS |
| Magnesium | EPA 200.7 | ICP-AES | Manganese | EPA 200.8 | ICP-MS | Mercury | EPA 245.1 | CVAAS |
| Molybdenum | EPA 200.8 | ICP-MS | Nickel | EPA 200.8 | ICP-MS | Nitrate as N | EPA 300.0 | IC-COND |
| Nitrate-Nitrite as N | EPA 300.0 | IC-COND | Nitrite as N | EPA 300.0 | IC-COND | Odor | SM 2150B | OTHER |
| Orthophosphate as P | EPA 300.0 | IC-COND | Perchlorate | EPA 314.0 | IC-COND | Perchlorate | EPA 331.0 | LC/ESI/MS |
| pH | SM 4500-$H^+$ B | ISE | Potassium | EPA 200.7 | ICP-AES | Residue-Filterable (TDS) | EPA 160.1 | GRAV |
| Residue-Filterable (TDS) | SM 2540C | GRAV | Selenium | EPA 200.8 | ICP-MS | Silica as $SiO_2$ | EPA 200.7 | ICP-AES |
| Silver | EPA 200.8 | ICP-MS | Sulfate | EPA 300.0 | IC-COND | Surfactants-MBAS | SM 5540C | UV-VIS |
| Temperature | SM 2550B | OTHER | Thallium | EPA 200.8 | ICP-MS | Total Organic Carbon (TOC) | SM 5310C | TOC-FID |
| Turbidity | SM 2130B | TURB | UV254 | SM 5910B | UV/VIS | Vanadium | EPA 200.8 | ICP-MS |

| | | |
|---|---|---|
| Zinc | EPA 200.8 | ICP-MS |

## Organic Parameters

| Analyte | Method | Tech. | Analyte | Method | Tech. | Analyte | Method | Tech. |
|---|---|---|---|---|---|---|---|---|
| 1,1,1,2-Tetrachloroethane | EPA 524.2 | GC-MS | 1,1,1-Trichloroethane | EPA 524.2 | GC-MS | 1,1,2,2-Tetrachloroethane | EPA 524.2 | GC-MS |
| 1,1,2-Trichloroethane | EPA 524.2 | GC-MS | 1,1-Dichloroethane | EPA 524.2 | GC-MS | 1,1-Dichloroethylene | EPA 524.2 | GC-MS |
| 1,1-Dichloropropene | EPA 524.2 | GC-MS | 1,2,3-Trichlorobenzene | EPA 524.2 | GC-MS | 1,2,3-Trichloropropane | EPA 504.1 | GC-ECD |
| 1,2,3-Trichloropropane | EPA 524.2 | GC-MS | 1,2,4-Trichlorobenzene | EPA 524.2 | GC-MS | 1,2,4-Trimethylbenzene | EPA 524.2 | GC-MS |
| 1,2-Dibromo-3-chloropropane (DBCF | EPA 504.1 | GC-ECD | 1,2-Dibromoethane (EDB) | EPA 504.1 | GC-ECD | 1,2-Dichlorobenzene | EPA 524.2 | GC-MS |
| 1,2-Dichloroethane | EPA 524.2 | GC-MS | 1,2-Dichloropropane | EPA 524.2 | GC-MS | 1,3,5-Trimethylbenzene | EPA 524.2 | GC-MS |
| 1,3-Dichlorobenzene | EPA 524.2 | GC-MS | 1,3-Dichloropropane | EPA 524.2 | GC-MS | 1,4-Dichlorobenzene | EPA 524.2 | GC-MS |
| 2,2-Dichloropropane | EPA 524.2 | GC-MS | 2,4-D | EPA 515.1 | GC-ECD | 2-Chlorotoluene | EPA 524.2 | GC-MS |
| 4-Chlorotoluene | EPA 524.2 | GC-MS | 4-Isopropyltoluene | EPA 524.2 | GC-MS | Alachlor | EPA 525.2 | GC-MS |
| Aldicarb | EPA 531.1 | HPLC-FLUOR | Aldicarb Sulfone | EPA 531.1 | HPLC-FLUOR | Aldicarb Sulfoxide | EPA 531.1 | HPLC-FLUOR |
| Aldrin | EPA 525.2 | GC-MS | Atrazine | EPA 525.2 | GC-MS | Benzene | EPA 524.2 | GC-MS |
| Benzo(a)pyrene (PAHs) | EPA 525.2 | GC-MS | Bis(2-ethylhexyl) phthalate | EPA 525.2 | GC-MS | Bromoacetic Acid | EPA 552.2 | GC-ECD |
| Bromobenzene | EPA 524.2 | GC-MS | Bromochloroacetic Acid | EPA 552.2 | GC-ECD | Bromochloromethane | EPA 524.2 | GC-MS |
| Bromodichloromethane | EPA 524.2 | GC-MS | Bromoform | EPA 524.2 | GC-MS | Butachlor | EPA 525.2 | GC-MS |
| Carbaryl | EPA 531.1 | HPLC-FLUOR | Carbofuran | EPA 531.1 | HPLC-FLUOR | Carbon Tetrachloride | EPA 524.2 | GC-MS |
| Chlordane (tech.) | EPA 508 | GC-ECD | Chloroacetic Acid | EPA 552.2 | GC-ECD | Chlorobenzene | EPA 524.2 | GC-MS |
| Chloroethane | EPA 524.2 | GC-MS | Chloroform | EPA 524.2 | GC-MS | cis-1,2-Dichloroethylene | EPA 524.2 | GC-MS |
| cis-1,3-Dichloropropene | EPA 524.2 | GC-MS | Dalapon | EPA 515.1 | GC-ECD | Di(2-ethylhexyl) Adipate | EPA 525.2 | GC-MS |
| Dibromoacetic Acid | EPA 552.2 | GC-ECD | Dibromochloromethane | EPA 524.2 | GC-MS | Dibromomethane | EPA 524.2 | GC-MS |
| Dicamba | EPA 515.1 | GC-ECD | Dichloroacetic Acid | EPA 552.2 | GC-ECD | Dichlorodifluoromethane | EPA 524.2 | GC-MS |
| Dichloromethane | EPA 524.2 | GC-MS | Dieldrin | EPA 525.2 | GC-MS | Dinoseb | EPA 515.1 | GC-ECD |
| Endrin | EPA 525.2 | GC-MS | Ethylbenzene | EPA 524.2 | GC-MS | gamma-BHC (Lindane) | EPA 525.2 | GC-MS |
| Glyphosate | EPA 547 | HPLC-FLUOR | Heptachlor | EPA 525.2 | GC-MS | Heptachlor Epoxide | EPA 525.2 | GC-MS |
| Hexachlorobenzene | EPA 525.2 | GC-MS | Hexachlorobutadiene | EPA 524.2 | GC-MS | Hexachlorocyclopentadiene | EPA 525.2 | GC-MS |
| Isopropylbenzene | EPA 524.2 | GC-MS | Methiocarb | EPA 531.1 | HPLC-FLUOR | Methomyl | EPA 531.1 | HPLC-FLUOR |
| Methoxychlor | EPA 525.2 | GC-MS | Methyl Bromide (Bromomethane) | EPA 524.2 | GC-MS | Methyl Chloride (Chloromethane) | EPA 524.2 | GC-MS |
| Methyl tert-butyl Ether (MTBE) | EPA 524.2 | GC-MS | Metolachlor | EPA 525.2 | GC-MS | Metribuzin | EPA 525.2 | GC-MS |
| Naphthalene | EPA 524.2 | GC-MS | n-Butylbenzene | EPA 524.2 | GC-MS | n-Propylbenzene | EPA 524.2 | GC-MS |
| Oxamyl | EPA 531.1 | HPLC-FLUOR | Pentachlorophenol | EPA 515.1 | GC-ECD | Picloram | EPA 515.1 | GC-ECD |
| Propachlor | EPA 525.2 | GC-MS | Propoxur (Baygon) | EPA 531.1 | HPLC-FLUOR | sec-Butylbenzene | EPA 524.2 | GC-MS |
| Silvex (2,4,5-TP) | EPA 515.1 | GC-ECD | Simazine | EPA 525.2 | GC-MS | Styrene | EPA 524.2 | GC-MS |
| tert-Butylbenzene | EPA 524.2 | GC-MS | Tetrachloroethylene | EPA 524.2 | GC-MS | Toluene | EPA 524.2 | GC-MS |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Total Haloacetic Acids (HAA5) | EPA 552.2 | GC-ECD | Total Trihalomethanes (THMs) | EPA 524.2 | GC-MS | Toxaphene | EPA 508 | GC-ECD |
| trans-1,2-Dichloroethylene | EPA 524.2 | GC-MS | trans-1,3-Dichloropropene | EPA 524.2 | GC-MS | Trichloroacetic Acid | EPA 552.2 | GC-ECD |
| Trichloroethylene | EPA 524.2 | GC-MS | Trichlorofluoromethane | EPA 524.2 | GC-MS | Vinyl Chloride | EPA 524.2 | GC-MS |
| Xylenes (total) | EPA 524.2 | GC-MS | | | | | | |

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**EPA Laboratory #: PA00153**
**TNI Laboratory #: TNI02120**

**LADHH Secondary AB (TNI-NELAP)**

**Certificate Number: LA140018** **Issue Date: 01-01-2014** **Expiration Date: 12-31-2014**

## Inorganic Parameters

| Analyte | Method | Tech. | Analyte | Method | Tech. | Analyte | Method | Tech. |
|---|---|---|---|---|---|---|---|---|
| Alkalinity as CaCO3 | SM2320B | TITR | Aluminum | EPA 200.7 | ICP-AES | Aluminum | EPA 200.8 | ICP-MS |
| Antimony | EPA 200.8 | ICP-MS | Arsenic | EPA 200.8 | ICP-MS | Barium | EPA 200.8 | ICP-MS |
| Beryllium | EPA 200.7 | ICP-AES | Beryllium | EPA 200.8 | ICP-MS | Boron | EPA 200.7 | ICP-AES |
| Bromate | EPA 300.1 | IC-COND | Bromide | EPA 300.0 | IC-COND | Cadmium | EPA 200.7 | ICP-AES |
| Cadmium | EPA 200.8 | ICP-MS | Calcium | EPA 200.7 | ICP-AES | Chlorate | EPA 300.0 | IC-COND |
| Chloride | EPA 300.0 | IC-COND | Chlorine (free residual) | SM 4500-Cl G | UV-VIS | Chlorine (total residual) | SM 4500-Cl G | UV-VIS |
| Chlorite | EPA 300.0 | IC-COND | Chromium | EPA 200.7 | ICP-AES | Chromium | EPA 200.8 | ICP-MS |
| Color | SM 2120B | OTHER | Conductivity | SM 2510B | COND | Copper | EPA 200.7 | ICP-AES |
| Cyanide | SM 4500-$CN^-$ C | OTHER | Cyanide | SM 4500-$CN^-$ E | UV-VIS | Cyanide (amenable) | SM 4500-$CN^-$ G | OTHER |
| Dissolved Organic Carbon (DOC) | SM 5310C | TOC-FID | Fluoride | EPA 300.0 | IC-COND | Hardness as $CaCO_3$ (total) | SM 2340C | TITR |
| Iron | EPA 200.7 | ICP-AES | Lead | EPA 200.8 | ICP-MS | Magnesium | EPA 200.7 | ICP-AES |
| Manganese | EPA 200.7 | ICP-AES | Mercury | EPA 200.8 | ICP-MS | Mercury | EPA 245.1 | CVAAS |
| Molybdenum | EPA 200.8 | ICP-MS | Nickel | EPA 200.7 | ICP-AES | Nickel | EPA 200.8 | ICP-MS |
| Nitrate as N | EPA 300.0 | IC-COND | Nitrate as N | EPA 353.2 | AUTO | Nitrate-Nitrite as N | EPA 353.2 | AUTO |
| Nitrite as N | EPA 300.0 | IC-COND | Nitrite as N | SM 4500-$NO2^-$ B | UV-VIS | Odor | SM 2150B | OTHER |
| Orthophosphate as P | EPA 300.0 | IC-COND | Orthophosphate as P | SM 4500-P E | UV-VIS | Perchlorate | EPA 314.0 | IC-COND |
| pH | SM 4500-$H^+$ B | ISE | Potassium | EPA 200.7 | ICP-AES | Residue-Filterable (TDS) | SM 2540C | GRAV |
| Selenium | EPA 200.8 | ICP-MS | Silica as $SiO_2$ | EPA 200.7 | ICP-AES | Silica as $SiO_2$ | SM 4500-SiO2 C | UV-VIS |
| Silver | EPA 200.7 | ICP-AES | Silver | EPA 200.8 | ICP-MS | Sodium | EPA 200.7 | ICP-AES |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Sulfate | EPA 300.0 | IC-COND | Surfactants-MBAS | SM 5540C | UV-VIS | Temperature | SM 2550B | OTHER |
| Thallium | EPA 200.8 | ICP-MS | Total Organic Carbon (TOC) | SM 5310C | TOC-FID | Turbidity | EPA 180.1 | TURB |
| UV254 | SM 5910B | UV/VIS | Vanadium | EPA 200.7 | ICP-AES | Vanadium | EPA 200.8 | ICP-MS |
| Zinc | EPA 200.7 | ICP-AES | Zinc | EPA 200.8 | ICP-MS | | | |

## Organic Parameters

| Analyte | Method | Tech. | Analyte | Method | Tech. | Analyte | Method | Tech. |
|---|---|---|---|---|---|---|---|---|
| 1,1,1,2-Tetrachloroethane | EPA 524.2 | GC-MS | 1,1,1-Trichloroethane | EPA 524.2 | GC-MS | 1,1,2,2-Tetrachloroethane | EPA 524.2 | GC-MS |
| 1,1,2-Trichloroethane | EPA 524.2 | GC-MS | 1,1-Dichloroethane | EPA 524.2 | GC-MS | 1,1-Dichloroethylene | EPA 524.2 | GC-MS |
| 1,1-Dichloropropene | EPA 524.2 | GC-MS | 1,2,3-Trichlorobenzene | EPA 524.2 | GC-MS | 1,2,3-Trichloropropane | EPA 504.1 | GC-ECD |
| 1,2,3-Trichloropropane | EPA 524.2 | GC-MS | 1,2,4-Trichlorobenzene | EPA 524.2 | GC-MS | 1,2,4-Trimethylbenzene | EPA 524.2 | GC-MS |
| 1,2-Dibromo-3-chloropropane (DBCI | EPA 504.1 | GC-ECD | 1,2-Dibromoethane (EDB) | EPA 504.1 | GC-ECD | 1,2-Dichlorobenzene | EPA 524.2 | GC-MS |
| 1,2-Dichloroethane | EPA 524.2 | GC-MS | 1,2-Dichloropropane | EPA 524.2 | GC-MS | 1,3,5-Trimethylbenzene | EPA 524.2 | GC-MS |
| 1,3-Dichlorobenzene | EPA 524.2 | GC-MS | 1,3-Dichloropropane | EPA 524.2 | GC-MS | 1,4-Dichlorobenzene | EPA 524.2 | GC-MS |
| 2,2-Dichloropropane | EPA 524.2 | GC-MS | 2,4-D | EPA 515.3 | GC-ECD | 2-Chlorotoluene | EPA 524.2 | GC-MS |
| 4-Chlorotoluene | EPA 524.2 | GC-MS | 4-Isopropyltoluene | EPA 524.2 | GC-MS | Alachlor | EPA 505 | GC-ECD |
| Aldrin | EPA 505 | GC-ECD | Atrazine | EPA 505 | GC-ECD | Benzene | EPA 524.2 | GC-MS |
| Benzo(a)pyrene (PAHs) | EPA 525.2 | GC-MS | Bis(2-ethylhexyl) phthalate | EPA 525.2 | GC-MS | Bromoacetic Acid | EPA 552.2 | GC-ECD |
| Bromobenzene | EPA 524.2 | GC-MS | Bromochloroacetic Acid | EPA 552.2 | GC-ECD | Bromochloromethane | EPA 524.2 | GC-MS |
| Bromodichloromethane | EPA 524.2 | GC-MS | Bromoform | EPA 524.2 | GC-MS | Carbon Tetrachloride | EPA 524.2 | GC-MS |
| Chlordane (tech.) | EPA 505 | GC-ECD | Chloroacetic Acid | EPA 552.2 | GC-ECD | Chlorobenzene | EPA 524.2 | GC-MS |
| Chloroethane | EPA 524.2 | GC-MS | Chloroform | EPA 524.2 | GC-MS | cis-1,2-Dichloroethylene | EPA 524.2 | GC-MS |
| cis-1,3-Dichloropropene | EPA 524.2 | GC-MS | Dalapon | EPA 515.3 | GC-ECD | Di(2-ethylhexyl) Adipate | EPA 525.2 | GC-MS |
| Dibromoacetic Acid | EPA 552.2 | GC-ECD | Dibromochloromethane | EPA 524.2 | GC-MS | Dibromomethane | EPA 524.2 | GC-MS |
| Dicamba | EPA 515.3 | GC-ECD | Dichloroacetic Acid | EPA 552.2 | GC-ECD | Dichlorodifluoromethane | EPA 524.2 | GC-MS |
| Dichloromethane | EPA 524.2 | GC-MS | Dieldrin | EPA 505 | GC-ECD | Dinoseb | EPA 515.3 | GC-ECD |
| Endrin | EPA 505 | GC-ECD | Ethylbenzene | EPA 524.2 | GC-MS | gamma-BHC (Lindane) | EPA 505 | GC-ECD |
| Heptachlor | EPA 505 | GC-ECD | Heptachlor Epoxide | EPA 505 | GC-ECD | Hexachlorobenzene | EPA 505 | GC-ECD |
| Hexachlorobutadiene | EPA 524.2 | GC-MS | Hexachlorocyclopentadiene | EPA 505 | GC-ECD | Isopropylbenzene | EPA 524.2 | GC-MS |
| Methoxychlor | EPA 505 | GC-ECD | Methyl Bromide (Bromomethane) | EPA 524.2 | GC-MS | Methyl Chloride (Chloromethane) | EPA 524.2 | GC-MS |
| Methyl tert-butyl Ether (MTBE) | EPA 524.2 | GC-MS | Naphthalene | EPA 524.2 | GC-MS | n-Butylbenzene | EPA 524.2 | GC-MS |
| n-Propylbenzene | EPA 524.2 | GC-MS | Pentachlorophenol | EPA 515.3 | GC-ECD | Picloram | EPA 515.3 | GC-ECD |
| sec-Butylbenzene | EPA 524.2 | GC-MS | Silvex (2,4,5-TP) | EPA 515.3 | GC-ECD | Simazine | EPA 505 | GC-ECD |
| Styrene | EPA 524.2 | GC-MS | tert-Butylbenzene | EPA 524.2 | GC-MS | Tetrachloroethylene | EPA 524.2 | GC-MS |
| Toluene | EPA 524.2 | GC-MS | Total Haloacetic Acids (HAA5) | EPA 552.2 | GC-ECD | Total Trihalomethanes (THMs) | EPA 524.2 | GC-MS |
| Toxaphene | EPA 505 | GC-ECD | trans-1,2-Dichloroethylene | EPA 524.2 | GC-MS | trans-1,3-Dichloropropene | EPA 524.2 | GC-MS |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Trichloroacetic Acid | EPA 552.2 | GC-ECD | Trichloroethylene | EPA 524.2 | GC-MS | Trichlorofluoromethane | EPA 524.2 | GC-MS |
| Vinyl Chloride | EPA 524.2 | GC-MS | Xylenes (total) | EPA 524.2 | GC-MS | | | |

## Radiological Parameters

| Analyte | Method | Tech. | Analyte | Method | Tech. | Analyte | Method | Tech. |
|---|---|---|---|---|---|---|---|---|
| Gross Alpha | EPA 900.0 | PC | Gross Beta | EPA 900.0 | PC | Radium-226 | EPA 903.0 | PC |
| Radium-228 | EPA 904.0 | PC | Radon-222 | SM 7500-Rn B | LSC | Total Alpha Radium | EPA 903.0 | PC |
| Tritium | EPA 906.0 | LSC | Uranium (nat) | EPA 200.8 | ICP-MS | Uranium (nat) | EPA 908.0 | PC |

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**TNI Laboratory #: TNI00013**

**LADHH Secondary AB (TNI-NELAP)**

**Certificate Number: LA140015** **Issue Date: 01-01-2014** **Expiration Date: 12-31-2014**

## Inorganic Parameters

| Analyte | Method | Tech. | Analyte | Method | Tech. | Analyte | Method | Tech. |
|---|---|---|---|---|---|---|---|---|
| Aluminum | EPA 200.8 | ICP-MS | Antimony | EPA 200.8 | ICP-MS | Arsenic | EPA 200.8 | ICP-MS |
| Barium | EPA 200.8 | ICP-MS | Beryllium | EPA 200.8 | ICP-MS | Bromate | EPA 300.1 | IC-COND |
| Bromide | EPA 300.1 | IC-COND | Cadmium | EPA 200.8 | ICP-MS | Chromium | EPA 200.8 | ICP-MS |
| Copper | EPA 200.8 | ICP-MS | Fluoride | EPA 300.0 | IC-COND | Fluoride | SM 4500-$F^-$ C | ISE |
| Hardness as $CaCO_3$ (total) | SM 2340C | TITR | Lead | EPA 200.8 | ICP-MS | Manganese | EPA 200.8 | ICP-MS |
| Mercury | EPA 200.8 | ICP-MS | Nickel | EPA 200.8 | ICP-MS | Nitrate as N | EPA 300.0 | IC-COND |
| Nitrite as N | EPA 300.0 | IC-COND | Nitrite as N | EPA 353.2 | AUTO | Orthophosphate as P | EPA 300.0 | IC-COND |
| Selenium | EPA 200.8 | ICP-MS | Silver | EPA 200.8 | ICP-MS | Sulfate | EPA 300.0 | IC-COND |
| Thallium | EPA 200.8 | ICP-MS | Turbidity | SM 2130B | TURB | | | |

# Organic Parameters

| Analyte | Method | Tech. | Analyte | Method | Tech. | Analyte | Method | Tech. |
|---|---|---|---|---|---|---|---|---|
| 1,1,1,2-Tetrachloroethane | EPA 524.2 | GC-MS | 1,1,1-Trichloroethane | EPA 524.2 | GC-MS | 1,1,2,2-Tetrachloroethane | EPA 524.2 | GC-MS |
| 1,1,2-Trichloroethane | EPA 524.2 | GC-MS | 1,1-Dichloroethane | EPA 524.2 | GC-MS | 1,1-Dichloroethylene | EPA 524.2 | GC-MS |
| 1,1-Dichloropropene | EPA 524.2 | GC-MS | 1,2,3-Trichlorobenzene | EPA 524.2 | GC-MS | 1,2,3-Trichloropropane | EPA 524.2 | GC-MS |
| 1,2,4-Trichlorobenzene | EPA 524.2 | GC-MS | 1,2,4-Trimethylbenzene | EPA 524.2 | GC-MS | 1,2-Dichlorobenzene | EPA 524.2 | GC-MS |
| 1,2-Dichloroethane | EPA 524.2 | GC-MS | 1,2-Dichloropropane | EPA 524.2 | GC-MS | 1,3-Dichlorobenzene | EPA 524.2 | GC-MS |
| 1,3-Dichloropropane | EPA 524.2 | GC-MS | 1,4-Dichlorobenzene | EPA 524.2 | GC-MS | 2,2-Dichloropropane | EPA 524.2 | GC-MS |
| 4-Chlorotoluene | EPA 524.2 | GC-MS | 4-Isopropyltoluene | EPA 524.2 | GC-MS | Alachlor | EPA 525.2 | GC-MS |
| Aldrin | EPA 525.2 | GC-MS | Atrazine | EPA 525.2 | GC-MS | Benzene | EPA 524.2 | GC-MS |
| Benzo(a)pyrene (PAHs) | EPA 525.2 | GC-MS | Bis(2-ethylhexyl) phthalate | EPA 525.2 | GC-MS | Bromoacetic Acid | EPA 552.2 | GC-ECD |
| Bromobenzene | EPA 524.2 | GC-MS | Bromochloromethane | EPA 524.2 | GC-MS | Bromodichloromethane | EPA 524.2 | GC-MS |
| Bromoform | EPA 524.2 | GC-MS | Butachlor | EPA 525.2 | GC-MS | Carbon Tetrachloride | EPA 524.2 | GC-MS |
| Chloroacetic Acid | EPA 552.2 | GC-ECD | Chlorobenzene | EPA 524.2 | GC-MS | Chloroethane | EPA 524.2 | GC-MS |
| Chloroform | EPA 524.2 | GC-MS | cis-1,2-Dichloroethylene | EPA 524.2 | GC-MS | cis-1,3-Dichloropropene | EPA 524.2 | GC-MS |
| Di(2-ethylhexyl) Adipate | EPA 525.2 | GC-MS | Dibromoacetic Acid | EPA 552.2 | GC-ECD | Dibromochloromethane | EPA 524.2 | GC-MS |
| Dichloroacetic Acid | EPA 552.2 | GC-ECD | Dichlorodifluoromethane | EPA 524.2 | GC-MS | Dichloromethane | EPA 524.2 | GC-MS |
| Dieldrin | EPA 525.2 | GC-MS | Endrin | EPA 525.2 | GC-MS | Ethylbenzene | EPA 524.2 | GC-MS |
| gamma-BHC (Lindane) | EPA 525.2 | GC-MS | Heptachlor | EPA 525.2 | GC-MS | Heptachlor Epoxide | EPA 525.2 | GC-MS |
| Hexachlorobenzene | EPA 525.2 | GC-MS | Hexachlorobutadiene | EPA 524.2 | GC-MS | Hexachlorocyclopentadiene | EPA 525.2 | GC-MS |
| Isopropylbenzene | EPA 524.2 | GC-MS | Methoxychlor | EPA 525.2 | GC-MS | Methyl Chloride (Chloromethane) | EPA 524.2 | GC-MS |
| Metolachlor | EPA 525.2 | GC-MS | Metribuzin | EPA 525.2 | GC-MS | Naphthalene | EPA 524.2 | GC-MS |
| Pentachlorophenol | EPA 525.2 | GC-MS | Propachlor | EPA 525.2 | GC-MS | Simazine | EPA 525.2 | GC-MS |
| Styrene | EPA 524.2 | GC-MS | tert-Butylbenzene | EPA 524.2 | GC-MS | Tetrachloroethylene | EPA 524.2 | GC-MS |
| Toluene | EPA 524.2 | GC-MS | Total Haloacetic Acids (HAA5) | EPA 552.2 | GC-ECD | Total Trihalomethanes (THMs) | EPA 524.2 | GC-MS |
| trans-1,2-Dichloroethylene | EPA 524.2 | GC-MS | trans-1,3-Dichloropropene | EPA 524.2 | GC-MS | Trichloroacetic Acid | EPA 552.2 | GC-ECD |
| Trichloroethylene | EPA 524.2 | GC-MS | Trichlorofluoromethane | EPA 524.2 | GC-MS | Vinyl Chloride | EPA 524.2 | GC-MS |
| Xylenes (total) | EPA 524.2 | GC-MS | | | | | | |

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**EPA Laboratory #: TX01402**
**TNI Laboratory #: TNI02238**

**LADHH Secondary AB (TNI-NELAP)**

**Certificate Number: LA140003** **Issue Date: 01-01-2014** **Expiration Date: 12-31-2014**

**Inorganic Parameters**

| Analyte | Method | Tech | Analyte | Method | Tech | Analyte | Method | Tech. |
|---|---|---|---|---|---|---|---|---|
| Asbestos | EPA 100.2 | TEM | | | | | | |

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**EPA Laboratory #: LA00955**
**TNI Laboratory #: N/A**

**LADHH Primary AB (STATE)**

**Certificate Number: LA140026** **Issue Date: 01-01-2014** **Expiration Date: 12-31-2014**

**Inorganic Parameters**

| Analyte | Method | Tech. | Analyte | Method | Tech. | Analyte | Method | Tech. |
|---|---|---|---|---|---|---|---|---|
| Alkalinity as CaCO3 | SM2320B | TITR | Chlorine (total residual) | SM 4500-Cl G | UV-VIS | Chlorite | EPA 300.1 | IC-COND |
| Dissolved Organic Carbon (DOC) | SM 5310B | TOC-IR | Total Organic Carbon (TOC) | SM 5310B | TOC-IR | Turbidity | SM 2130B | TURB |

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**EPA Laboratory #:** **LA00965**
**TNI Laboratory #:** **N/A**

**LADHH Primary AB (STATE)**

**Certificate Number:** **LA140012** **Issue Date: 01-01-2014** **Expiration Date: 12-31-2014**

**Inorganic Parameters**

| Analyte | Method | Tech. | Analyte | Method | Tech. | Analyte | Method | Tech. |
|---|---|---|---|---|---|---|---|---|
| Total Organic Carbon (TOC) | SM 5310B | TOC-IR | | | | | | |

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**EPA Laboratory #:** **NJ00337**
**TNI Laboratory #:** **TNI01273**

**LADHH Secondary AB (TNI-NELAP)**

**Certificate Number:** **LA140011** **Issue Date: 01-01-2014** **Expiration Date: 12-31-2014**

**Inorganic Parameters**

| Analyte | Method | Tech | Analyte | Method | Tech | Analyte | Method | Tech. |
|---|---|---|---|---|---|---|---|---|
| Asbestos | EPA 100.1 | TEM | Asbestos | EPA 100.2 | TEM | | | |

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**EPA Laboratory #: LA00029**
**TNI Laboratory #: N/A**

**LADHH Primary AB (STATE)**

**Certificate Number: LA140025** **Issue Date: 01-01-2014** **Expiration Date: 12-31-2014**

## Inorganic Parameters

| Analyte | Method | Tech. | Analyte | Method | Tech. | Analyte | Method | Tech. |
|---|---|---|---|---|---|---|---|---|
| Alkalinity as CaCO3 | SM2320B | TITR | Aluminum | EPA 200.7 | ICP-AES | Antimony | SM 3113B | GFAAS |
| Arsenic | SM 3113B | GFAAS | Barium | EPA 200.7 | ICP-AES | Beryllium | EPA 200.7 | ICP-AES |
| Boron | EPA 200.7 | ICP-AES | Cadmium | EPA 200.7 | ICP-AES | Calcium | SM 3111B | FAAS |
| Chloride | EPA 300.0 | IC-COND | Chromium | EPA 200.7 | ICP-AES | Copper | EPA 200.7 | ICP-AES |
| Cyanide | SM 4500-$CN^-$ E | UV-VIS | Fluoride | EPA 300.0 | IC-COND | Hardness as $CaCO_3$ (calcium) | SM 2340B | OTHER |
| Iron | EPA 200.7 | ICP-AES | Lead | SM 3113B | GFAAS | Magnesium | SM 3111B | FAAS |
| Manganese | EPA 200.7 | ICP-AES | Mercury | EPA 245.1 | CVAAS | Nickel | EPA 200.7 | ICP-AES |
| Nitrate as N | EPA 300.0 | IC-COND | Nitrite as N | EPA 300.0 | IC-COND | Odor | SM 2150B | OTHER |
| Orthophosphate as P | SM 4500-P E | UV-VIS | pH | EPA 150.1 | ISE | pH | SM 4500-$H^+$ B | ISE |
| Potassium | SM 3111B | FAAS | Residue-Filterable (TDS) | SM 2540C | GRAV | Selenium | SM 3113B | GFAAS |
| Silver | SM 3111B | FAAS | Sodium | SM 3111B | FAAS | Sulfate | EPA 300.0 | IC-COND |
| Turbidity | SM 2130B | TURB | Zinc | EPA 200.7 | ICP-AES | | | |

## Organic Parameters

| Analyte | Method | Tech. | Analyte | Method | Tech. | Analyte | Method | Tech. |
|---|---|---|---|---|---|---|---|---|
| 1,1,1,2-Tetrachloroethane | EPA 524.2 | GC-MS | 1,1,1-Trichloroethane | EPA 524.2 | GC-MS | 1,1,2,2-Tetrachloroethane | EPA 524.2 | GC-MS |
| 1,1,2-Trichloroethane | EPA 524.2 | GC-MS | 1,1-Dichloroethane | EPA 524.2 | GC-MS | 1,1-Dichloroethylene | EPA 524.2 | GC-MS |
| 1,1-Dichloropropene | EPA 524.2 | GC-MS | 1,2,3-Trichlorobenzene | EPA 524.2 | GC-MS | 1,2,3-Trichloropropane | EPA 524.2 | GC-MS |
| 1,2,4-Trimethylbenzene | EPA 524.2 | GC-MS | 1,2-Dichlorobenzene | EPA 524.2 | GC-MS | 1,2-Dichloroethane | EPA 524.2 | GC-MS |
| 1,2-Dichloropropane | EPA 524.2 | GC-MS | 1,3-Dichlorobenzene | EPA 524.2 | GC-MS | 1,3-Dichloropropane | EPA 524.2 | GC-MS |
| 1,4-Dichlorobenzene | EPA 524.2 | GC-MS | 2,2-Dichloropropane | EPA 524.2 | GC-MS | 2-Chlorotoluene | EPA 524.2 | GC-MS |
| 4-Chlorotoluene | EPA 524.2 | GC-MS | 4-Isopropyltoluene | EPA 524.2 | GC-MS | Benzene | EPA 524.2 | GC-MS |
| Bromobenzene | EPA 524.2 | GC-MS | Bromochloromethane | EPA 524.2 | GC-MS | Bromodichloromethane | EPA 524.2 | GC-MS |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Bromoform | EPA 524.2 | GC-MS | Carbon Tetrachloride | EPA 524.2 | GC-MS | Chlorobenzene | EPA 524.2 | GC-MS |
| Chloroethane | EPA 524.2 | GC-MS | Chloroform | EPA 524.2 | GC-MS | cis-1,2-Dichloroethylene | EPA 524.2 | GC-MS |
| cis-1,3-Dichloropropene | EPA 524.2 | GC-MS | Dibromochloromethane | EPA 524.2 | GC-MS | Dibromomethane | EPA 524.2 | GC-MS |
| Dichlorodifluoromethane | EPA 524.2 | GC-MS | Dichloromethane | EPA 524.2 | GC-MS | Ethylbenzene | EPA 524.2 | GC-MS |
| Hexachlorobutadiene | EPA 524.2 | GC-MS | Isopropylbenzene | EPA 524.2 | GC-MS | Methyl Bromide (Bromomethane) | EPA 524.2 | GC-MS |
| Methyl Chloride (Chloromethane) | EPA 524.2 | GC-MS | Naphthalene | EPA 524.2 | GC-MS | n-Butylbenzene | EPA 524.2 | GC-MS |
| n-Propylbenzene | EPA 524.2 | GC-MS | sec-Butylbenzene | EPA 524.2 | GC-MS | Styrene | EPA 524.2 | GC-MS |
| tert-Butylbenzene | EPA 524.2 | GC-MS | Tetrachloroethylene | EPA 524.2 | GC-MS | Toluene | EPA 524.2 | GC-MS |
| Total Trihalomethanes (THMs) | EPA 524.2 | GC-MS | trans-1,2-Dichloroethylene | EPA 524.2 | GC-MS | trans-1,3-Dichloropropene | EPA 524.2 | GC-MS |
| Trichloroethylene | EPA 524.2 | GC-MS | Trichlorofluoromethane | EPA 524.2 | GC-MS | Vinyl Chloride | EPA 524.2 | GC-MS |
| Xylenes (total) | EPA 524.2 | GC-MS | | | | | | |

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**EPA Laboratory #: TN00003**
**TNI Laboratory #:**

**LADHH Secondary AB (TNI-NELAP)**

**Certificate Number: LA140029** **Issue Date: 06-04-2014** **Expiration Date: 12-31-2014**

## Inorganic Parameters

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Alkalinity as CaCO3 | SM2320B | TITR | Aluminum | EPA 200.7 | ICP-AES | Antimony | EPA 200.8 | ICP-MS |
| Arsenic | EPA 200.8 | ICP-MS | Barium | EPA 200.7 | ICP-AES | Barium | EPA 200.8 | ICP-MS |
| Beryllium | EPA 200.7 | ICP-AES | Beryllium | EPA 200.8 | ICP-MS | Bromide | EPA 300.0 | IC-COND |
| Cadmium | EPA 200.7 | ICP-AES | Cadmium | EPA 200.8 | ICP-MS | Calcium | EPA 200.7 | ICP-AES |
| Chloride | EPA 300.0 | IC-COND | Chlorine (total residual) | SM 4500-Cl G | UV-VIS | Chromium | EPA 200.7 | ICP-AES |
| Chromium | EPA 200.8 | ICP-MS | Chromium (VI) | EPA 218.6 | IC-UV | Color | SM 2120B | OTHER |
| Conductivity | SM 2510B | COND | Copper | EPA 200.7 | ICP-AES | Copper | EPA 200.8 | ICP-MS |
| Cyanide | EPA 335.4 | AUTO | Cyanide | SM 4500-$CN^-$ C | OTHER | Cyanide | SM 4500-$CN^-$ E | UV-VIS |
| Cyanide (amenable) | SM 4500-$CN^-$ G | OTHER | Dissolved Organic Carbon (DOC) | SM 5310C | TOC-FID | Fluoride | EPA 300.0 | IC-COND |
| Fluoride | SM 4110B | IC-COND | Hardness as $CaCO_3$ (calcium) | EPA 200.7 | ICP-AES | Hardness as $CaCO_3$ (total) | EPA 200.7 | ICP-AES |
| Hardness as $CaCO_3$ (total) | SM 2340B | OTHER | Hardness as $CaCO_3$ (total) | SM 2340C | TITR | Iron | EPA 200.7 | ICP-AES |
| Lead | EPA 200.8 | ICP-MS | Magnesium | EPA 200.7 | ICP-AES | Manganese | EPA 200.7 | ICP-AES |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Manganese | EPA 200.8 | ICP-MS | Mercury | EPA 245.1 | CVAAS | Nickel | EPA 200.7 | ICP-AES |
| Nickel | EPA 200.8 | ICP-MS | Nitrate as N | EPA 300.0 | IC-COND | Nitrate as N | EPA 353.2 | AUTO |
| Nitrate as N | SM 4110B | IC-COND | Nitrate-Nitrite as N | EPA 300.0 | IC-COND | Nitrate-Nitrite as N | EPA 353.2 | AUTO |
| Nitrite as N | EPA 300.0 | IC-COND | Nitrite as N | EPA 353.2 | AUTO | Nitrite as N | SM 4110B | IC-COND |
| Odor | SM 2150B | OTHER | Orthophosphate as P | SM 4500-P E | UV-VIS | Perchlorate | EPA 314.0 | IC-COND |
| pH | EPA 150.1 | ISE | pH | SM 4500-$H^+$ B | ISE | Residue-Filterable (TDS) | SM 2540C | GRAV |
| Selenium | EPA 200.8 | ICP-MS | Silica as $SiO_2$ | EPA 200.7 | ICP-AES | Silver | EPA 200.7 | ICP-AES |
| Silver | EPA 200.8 | ICP-MS | Sodium | EPA 200.7 | ICP-AES | Sulfate | EPA 300.0 | IC-COND |
| Sulfate | SM 4110B | IC-COND | Surfactants-MBAS | SM 5540C | UV-VIS | Thallium | EPA 200.8 | ICP-MS |
| Total Organic Carbon (TOC) | SM 5310C | TOC-FID | Turbidity | EPA 180.1 | TURB | Turbidity | SM 2130B | TURB |
| UV254 | SM 5910B | UV/VIS | Zinc | EPA 200.7 | ICP-AES | Zinc | EPA 200.8 | ICP-MS |

## Organic Parameters

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 1,1,1,2-Tetrachloroethane | EPA 524.2 | GC-MS | 1,1,1-Trichloroethane | EPA 524.2 | GC-MS | 1,1,2,2-Tetrachloroethane | EPA 524.2 | GC-MS |
| 1,1,2-Trichloroethane | EPA 524.2 | GC-MS | 1,1-Dichloroethane | EPA 524.2 | GC-MS | 1,1-Dichloroethylene | EPA 524.2 | GC-MS |
| 1,1-Dichloropropene | EPA 524.2 | GC-MS | 1,2,3-Trichlorobenzene | EPA 524.2 | GC-MS | 1,2,3-Trichloropropane | EPA 524.2 | GC-MS |
| 1,2,4-Trichlorobenzene | EPA 524.2 | GC-MS | 1,2,4-Trimethylbenzene | EPA 524.2 | GC-MS | 1,2-Dibromo-3-chloropropane (DBCP | EPA 504.1 | GC-ECD |
| 1,2-Dibromoethane (EDB) | EPA 504.1 | GC-ECD | 1,2-Dichlorobenzene | EPA 524.2 | GC-MS | 1,2-Dichloroethane | EPA 524.2 | GC-MS |
| 1,2-Dichloropropane | EPA 524.2 | GC-MS | 1,3,5-Trimethylbenzene | EPA 524.2 | GC-MS | 1,3-Dichlorobenzene | EPA 524.2 | GC-MS |
| 1,3-Dichloropropane | EPA 524.2 | GC-MS | 1,4-Dichlorobenzene | EPA 524.2 | GC-MS | 2,2-Dichloropropane | EPA 524.2 | GC-MS |
| 2-Chlorotoluene | EPA 524.2 | GC-MS | 4-Chlorotoluene | EPA 524.2 | GC-MS | 4-Isopropyltoluene | EPA 524.2 | GC-MS |
| Benzene | EPA 524.2 | GC-MS | Bromoacetic Acid | EPA 552.2 | GC-ECD | Bromobenzene | EPA 524.2 | GC-MS |
| Bromochloroacetic Acid | EPA 552.2 | GC-ECD | Bromochloromethane | EPA 524.2 | GC-MS | Bromodichloromethane | EPA 524.2 | GC-MS |
| Bromoform | EPA 524.2 | GC-MS | Carbon Tetrachloride | EPA 524.2 | GC-MS | Chloroacetic Acid | EPA 552.2 | GC-ECD |
| Chlorobenzene | EPA 524.2 | GC-MS | Chloroethane | EPA 524.2 | GC-MS | Chloroform | EPA 524.2 | GC-MS |
| cis-1,2-Dichloroethylene | EPA 524.2 | GC-MS | cis-1,3-Dichloropropene | EPA 524.2 | GC-MS | Dibromoacetic Acid | EPA 552.2 | GC-ECD |
| Dibromochloromethane | EPA 524.2 | GC-MS | Dibromomethane | EPA 524.2 | GC-MS | Dichloroacetic Acid | EPA 552.2 | GC-ECD |
| Dichlorodifluoromethane | EPA 524.2 | GC-MS | Dichloromethane | EPA 524.2 | GC-MS | Ethylbenzene | EPA 524.2 | GC-MS |
| Hexachlorobutadiene | EPA 524.2 | GC-MS | Isopropylbenzene | EPA 524.2 | GC-MS | Methyl Bromide (Bromomethane) | EPA 524.2 | GC-MS |
| Methyl Chloride (Chloromethane) | EPA 524.2 | GC-MS | Methyl tert-butyl Ether (MTBE) | EPA 524.2 | GC-MS | Naphthalene | EPA 524.2 | GC-MS |
| n-Butylbenzene | EPA 524.2 | GC-MS | n-Propylbenzene | EPA 524.2 | GC-MS | sec-Butylbenzene | EPA 524.2 | GC-MS |
| Styrene | EPA 524.2 | GC-MS | tert-Butylbenzene | EPA 524.2 | GC-MS | Tetrachloroethylene | EPA 524.2 | GC-MS |
| Toluene | EPA 524.2 | GC-MS | Total Haloacetic Acids (HAA5) | EPA 552.2 | GC-ECD | Total Trihalomethanes (THMs) | EPA 524.2 | GC-MS |
| trans-1,2-Dichloroethylene | EPA 524.2 | GC-MS | trans-1,3-Dichloropropene | EPA 524.2 | GC-MS | Trichloroacetic Acid | EPA 552.2 | GC-ECD |
| Trichloroethylene | EPA 524.2 | GC-MS | Vinyl Chloride | EPA 524.2 | GC-MS | Xylenes (total) | EPA 524.2 | GC-MS |

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**EPA Laboratory #: CA00006**
**TNI Laboratory #: TNI01223**

**LADHH Secondary AB (TNI-NELAP)**

**Certificate Number: LA140009** **Issue Date: 01-01-2014** **Expiration Date: 12-31-2014**

## Inorganic Parameters

| Analyte | Method | Tech. |
|---|---|---|
| Alkalinity as CaCO3 | SM2320B | TITR |
| Antimony | EPA 200.8 | ICP-MS |
| Barium | EPA 200.7 | ICP-AES |
| Beryllium | EPA 200.8 | ICP-MS |
| Bromide | EPA 300.0 | IC-COND |
| Cadmium | EPA 200.8 | ICP-MS |
| Chlorate | EPA 300.1 | IC-COND |
| Chlorine (free residual) | SM 4500-Cl G | UV-VIS |
| Chlorite | EPA 300.1 | IC-COND |
| Chromium (VI) | EPA 218.6 | IC-UV |
| Copper | EPA 200.8 | ICP-MS |
| Cyanide | SM 4500-$CN^-$ F | ISE |
| Fluoride | EPA 300.0 | IC-COND |
| Hardness as $CaCO_3$ (calcium) | SM 2340B | OTHER |
| Iron | EPA 200.7 | ICP-AES |
| Manganese | EPA 200.7 | ICP-AES |
| Nickel | EPA 200.7 | ICP-AES |
| Nitrate as N | EPA 353.2 | AUTO |
| Nitrite as N | EPA 300.0 | IC-COND |
| Orthophosphate as P | SM 4500-P E | UV-VIS |
| pH | EPA 150.1 | ISE |
| Residue-Filterable (TDS) | SM 2540C | GRAV |
| Silica as $SiO_2$ | SM 4500-Si D | UV-VIS |
| Silver | EPA 200.8 | ICP-MS |

| Analyte | Method | Tech. |
|---|---|---|
| Aluminum | EPA 200.7 | ICP-AES |
| Arsenic | EPA 200.8 | ICP-MS |
| Barium | EPA 200.8 | ICP-MS |
| Bromate | EPA 300.1 | IC-COND |
| Bromide | EPA 300.1 | IC-COND |
| Calcium | EPA 200.7 | ICP-AES |
| Chloride | EPA 300.0 | IC-COND |
| Chlorine (total residual) | SM 4500-Cl G | UV-VIS |
| Chromium | EPA 200.7 | ICP-AES |
| Conductivity | SM 2510B | COND |
| Corrosivity (Langlier Index) | SM 2330B | OTHER |
| Cyanide (amenable) | SM 4500-$CN^-$ G | OTHER |
| Fluoride | SM 4500-$F^-$ C | ISE |
| Hardness as $CaCO_3$ (total) | EPA 200.7 | ICP-AES |
| Lead | EPA 200.8 | ICP-MS |
| Manganese | EPA 200.8 | ICP-MS |
| Nickel | EPA 200.8 | ICP-MS |
| Nitrate-Nitrite as N | EPA 300.0 | IC-COND |
| Nitrite as N | EPA 353.2 | AUTO |
| Perchlorate | EPA 314.0 | IC-COND |
| pH | SM 4500-$H^+$ B | ISE |
| Selenium | EPA 200.8 | ICP-MS |
| Silica as $SiO_2$ | SM 4500-SiO2 C | UV-VIS |
| Sodium | EPA 200.7 | ICP-AES |

| Analyte | Method | Tech. |
|---|---|---|
| Aluminum | EPA 200.8 | ICP-MS |
| Asbestos | EPA 100.2 | TEM |
| Beryllium | EPA 200.7 | ICP-AES |
| Bromate | EPA 317.0 | IC-COND |
| Cadmium | EPA 200.7 | ICP-AES |
| Chlorate | EPA 300.0 | IC-COND |
| Chlorine Dioxide | SM 4500-ClO2 D | TITR |
| Chlorite | EPA 300.0 | IC-COND |
| Chromium | EPA 200.8 | ICP-MS |
| Copper | EPA 200.7 | ICP-AES |
| Cyanide | EPA 335.4 | AUTO |
| Dissolved Organic Carbon (DOC) | SM 5310C | TOC-FID |
| Hardness as $CaCO_3$ (calcium) | EPA 200.7 | ICP-AES |
| Hardness as $CaCO_3$ (total) | SM 2340B | OTHER |
| Magnesium | EPA 200.7 | ICP-AES |
| Mercury | EPA 245.1 | CVAAS |
| Nitrate as N | EPA 300.0 | IC-COND |
| Nitrate-Nitrite as N | EPA 353.2 | AUTO |
| Orthophosphate as P | EPA 365.1 | AUTO |
| Perchlorate | EPA 331.0 | LC/ESI/MS |
| Potassium | EPA 200.7 | ICP-AES |
| Silica as $SiO_2$ | EPA 200.7 | ICP-AES |
| Silver | EPA 200.7 | ICP-AES |
| Sulfate | EPA 300.0 | IC-COND |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Surfactants-MBAS | SM 5540C | UV-VIS | Thallium | EPA 200.8 | ICP-MS | Total Organic Carbon (TOC) | SM 5310C | TOC-FID |
| Turbidity | EPA 180.1 | TURB | Turbidity | SM 2130B | TURB | UV254 | SM 5910B | UV/VIS |
| Zinc | EPA 200.7 | ICP-AES | Zinc | EPA 200.8 | ICP-MS | | | |

## Organic Parameters

| Analyte | Method | Tech. | Analyte | Method | Tech. | Analyte | Method | Tech. |
|---|---|---|---|---|---|---|---|---|
| 1,1,1,2-Tetrachloroethane | EPA 524.2 | GC-MS | 1,1,1-Trichloroethane | EPA 524.2 | GC-MS | 1,1,1-Trichloroethane | EPA 524.3 | GC-MS |
| 1,1,2,2-Tetrachloroethane | EPA 524.2 | GC-MS | 1,1,2-Trichloroethane | EPA 524.2 | GC-MS | 1,1,2-Trichloroethane | EPA 524.3 | GC-MS |
| 1,1-Dichloroethane | EPA 524.2 | GC-MS | 1,1-Dichloroethylene | EPA 524.2 | GC-MS | 1,1-Dichloroethylene | EPA 524.3 | GC-MS |
| 1,1-Dichloropropene | EPA 524.2 | GC-MS | 1,2,3-Trichlorobenzene | EPA 524.2 | GC-MS | 1,2,3-Trichloropropane | EPA 504.1 | GC-ECD |
| 1,2,3-Trichloropropane | EPA 524.2 | GC-MS | 1,2,4-Trichlorobenzene | EPA 524.2 | GC-MS | 1,2,4-Trichlorobenzene | EPA 524.3 | GC-MS |
| 1,2,4-Trimethylbenzene | EPA 524.2 | GC-MS | 1,2-Dibromo-3-chloropropane (DB | EPA 504.1 | GC-ECD | 1,2-Dibromo-3-chloropropane (DBCP | EPA 551.1 | GC-ECD |
| 1,2-Dibromoethane (EDB) | EPA 504.1 | GC-ECD | 1,2-Dibromoethane (EDB) | EPA 551.1 | GC-ECD | 1,2-Dichlorobenzene | EPA 524.2 | GC-MS |
| 1,2-Dichlorobenzene | EPA 524.3 | GC-MS | 1,2-Dichloroethane | EPA 524.2 | GC-MS | 1,2-Dichloroethane | EPA 524.3 | GC-MS |
| 1,2-Dichloropropane | EPA 524.2 | GC-MS | 1,2-Dichloropropane | EPA 524.3 | GC-MS | 1,3,5-Trimethylbenzene | EPA 524.2 | GC-MS |
| 1,3-Dichlorobenzene | EPA 524.2 | GC-MS | 1,3-Dichloropropane | EPA 524.2 | GC-MS | 1,4-Dichlorobenzene | EPA 524.2 | GC-MS |
| 1,4-Dichlorobenzene | EPA 524.3 | GC-MS | 2,2-Dichloropropane | EPA 524.2 | GC-MS | 2,3,7,8-TCDD (Dioxin) | EPA 1613 | GC-HRMS |
| 2,4-D | EPA 515.4 | GC-ECD | 2-Chlorotoluene | EPA 524.2 | GC-MS | 3-Hydroxycarbofuran | EPA 531.2 | HPLC-FLUOR |
| 4-Chlorotoluene | EPA 524.2 | GC-MS | 4-Isopropyltoluene | EPA 524.2 | GC-MS | Alachlor | EPA 505 | GC-ECD |
| Alachlor | EPA 525.2 | GC-MS | Aldicarb | EPA 531.2 | HPLC-FLUOR | Aldicarb Sulfone | EPA 531.2 | HPLC-FLUOR |
| Aldicarb Sulfoxide | EPA 531.2 | HPLC-FLUOR | Aldrin | EPA 505 | GC-ECD | Aldrin | EPA 525.2 | GC-MS |
| Atrazine | EPA 525.2 | GC-MS | Bentazon | EPA 515.4 | GC-ECD | Benzene | EPA 524.2 | GC-MS |
| Benzene | EPA 524.3 | GC-MS | Benzo(a)pyrene (PAHs) | EPA 525.2 | GC-MS | Bis(2-ethylhexyl) phthalate | EPA 525.2 | GC-MS |
| Bromoacetic Acid | SM 6251B | GC-ECD | Bromobenzene | EPA 524.2 | GC-MS | Bromochloroacetic Acid | SM 6251B | GC-ECD |
| Bromochloromethane | EPA 524.2 | GC-MS | Bromodichloromethane | EPA 524.2 | GC-MS | Bromodichloromethane | EPA 551.1 | GC-ECD |
| Bromoform | EPA 524.2 | GC-MS | Bromoform | EPA 551.1 | GC-ECD | Butachlor | EPA 525.2 | GC-MS |
| Carbaryl | EPA 531.2 | HPLC-FLUOR | Carbofuran | EPA 531.2 | HPLC-FLUOR | Carbon Tetrachloride | EPA 524.2 | GC-MS |
| Carbon Tetrachloride | EPA 524.3 | GC-MS | Chlordane (tech.) | EPA 505 | GC-ECD | Chlordane (tech.) | EPA 525.2 | GC-MS |
| Chloroacetic Acid | SM 6251B | GC-ECD | Chlorobenzene | EPA 524.2 | GC-MS | Chlorobenzene | EPA 524.3 | GC-MS |
| Chloroethane | EPA 524.2 | GC-MS | Chloroform | EPA 524.2 | GC-MS | Chloroform | EPA 551.1 | GC-ECD |
| cis-1,2-Dichloroethylene | EPA 524.2 | GC-MS | cis-1,2-Dichloroethylene | EPA 524.3 | GC-MS | cis-1,3-Dichloropropene | EPA 524.2 | GC-MS |
| Dalapon | EPA 515.4 | GC-ECD | Di(2-ethylhexyl) Adipate | EPA 525.2 | GC-MS | Dibromoacetic Acid | SM 6251B | GC-ECD |
| Dibromochloromethane | EPA 524.2 | GC-MS | Dibromochloromethane | EPA 551.1 | GC-ECD | Dibromomethane | EPA 524.2 | GC-MS |
| Dicamba | EPA 515.4 | GC-ECD | Dichloroacetic Acid | SM 6251B | GC-ECD | Dichlorodifluoromethane | EPA 524.2 | GC-MS |
| Dichloromethane | EPA 524.2 | GC-MS | Dichloromethane | EPA 524.3 | GC-MS | Dieldrin | EPA 505 | GC-ECD |
| Dieldrin | EPA 525.2 | GC-MS | Dinoseb | EPA 515.4 | GC-ECD | Diquat | EPA 549.2 | HPLC-UV |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Endothall | EPA 548.1 | GC-MS | Endrin | EPA 505 | GC-ECD | Endrin | EPA 525.2 | GC-MS |
| Ethylbenzene | EPA 524.2 | GC-MS | Ethylbenzene | EPA 524.3 | GC-MS | gamma-BHC (Lindane) | EPA 505 | GC-ECD |
| gamma-BHC (Lindane) | EPA 525.2 | GC-MS | Glyphosate | EPA 547 | HPLC-FLUOR | Heptachlor | EPA 505 | GC-ECD |
| Heptachlor | EPA 525.2 | GC-MS | Heptachlor Epoxide | EPA 505 | GC-ECD | Heptachlor Epoxide | EPA 525.2 | GC-MS |
| Hexachlorobenzene | EPA 525.2 | GC-MS | Hexachlorobutadiene | EPA 524.2 | GC-MS | Hexachlorocyclopentadiene | EPA 525.2 | GC-MS |
| Isopropylbenzene | EPA 524.2 | GC-MS | Methomyl | EPA 531.2 | HPLC-FLUOR | Methoxychlor | EPA 505 | GC-ECD |
| Methoxychlor | EPA 525.2 | GC-MS | Methyl Bromide (Bromomethane) | EPA 524.2 | GC-MS | Methyl Chloride (Chloromethane) | EPA 524.2 | GC-MS |
| Methyl tert-butyl Ether (MTBE) | EPA 524.2 | GC-MS | Metolachlor | EPA 525.2 | GC-MS | Metribuzin | EPA 525.2 | GC-MS |
| Molinate | EPA 525.2 | GC-MS | Naphthalene | EPA 524.2 | GC-MS | n-Butylbenzene | EPA 524.2 | GC-MS |
| n-Propylbenzene | EPA 524.2 | GC-MS | Oxamyl | EPA 531.2 | HPLC-FLUOR | PCBs as Aroclors (screen) | EPA 505 | GC-ECD |
| Pentachlorophenol | EPA 515.4 | GC-ECD | Pentachlorophenol | EPA 525.2 | GC-MS | Picloram | EPA 515.4 | GC-ECD |
| Propachlor | EPA 525.2 | GC-MS | sec-Butylbenzene | EPA 524.2 | GC-MS | Silvex (2,4,5-TP) | EPA 515.4 | GC-ECD |
| Simazine | EPA 525.2 | GC-MS | Styrene | EPA 524.2 | GC-MS | Styrene | EPA 524.3 | GC-MS |
| tert-Butylbenzene | EPA 524.2 | GC-MS | Tetrachloroethylene | EPA 524.2 | GC-MS | Tetrachloroethylene | EPA 524.3 | GC-MS |
| Toluene | EPA 524.2 | GC-MS | Toluene | EPA 524.3 | GC-MS | Total Haloacetic Acids (HAA5) | SM 6251B | GC-ECD |
| Total Trihalomethanes (THMs) | EPA 524.2 | GC-MS | Total Trihalomethanes (THMs) | EPA 524.3 | GC-MS | Total Trihalomethanes (THMs) | EPA 551.1 | GC-ECD |
| Toxaphene | EPA 505 | GC-ECD | trans-1,2-Dichloroethylene | EPA 524.2 | GC-MS | trans-1,2-Dichloroethylene | EPA 524.3 | GC-MS |
| trans-1,3-Dichloropropene | EPA 524.2 | GC-MS | Trichloroacetic Acid | SM 6251B | GC-ECD | Trichloroethylene | EPA 524.2 | GC-MS |
| Trichloroethylene | EPA 524.3 | GC-MS | Trichlorofluoromethane | EPA 524.2 | GC-MS | Vinyl Chloride | EPA 524.2 | GC-MS |
| Vinyl Chloride | EPA 524.3 | GC-MS | Xylenes (total) | EPA 524.2 | GC-MS | Xylenes (total) | EPA 524.3 | GC-MS |

## Radiological Parameters

| Analyte | Method | Tech. | Analyte | Method | Tech. | Analyte | Method | Tech. |
|---|---|---|---|---|---|---|---|---|
| Gross Alpha | EPA 900.0 | PC | Gross Alpha | SM 7110C | PC | Gross Beta | EPA 900.0 | PC |
| Radium-226 | GA | GS-HR | Radium-228 | GA | GS-HR | Radon-222 | SM 7500-Rn B | LSC |
| Uranium (nat) | EPA 200.8 | ICP-MS | | | | | | |

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**EPA Laboratory #: IN00035**
**TNI Laboratory #: TNI00617**

**LADHH Secondary AB (TNI-NELAP)**

**Certificate Number: LA140002** **Issue Date: 05-12-2014** **Expiration Date: 12-31-2014**

## Inorganic Parameters

| Analyte | Method | Tech. | Analyte | Method | Tech. | Analyte | Method | Tech. |
|---|---|---|---|---|---|---|---|---|
| Alkalinity as CaCO3 | SM2320B | TITR | Aluminum | EPA 200.8 | ICP-MS | Antimony | EPA 200.8 | ICP-MS |
| Arsenic | EPA 200.8 | ICP-MS | Barium | EPA 200.8 | ICP-MS | Beryllium | EPA 200.8 | ICP-MS |
| Bromate | EPA 300.1 | IC-COND | Bromate | EPA 317.0 | IC-COND | Bromide | EPA 300.0 | IC-COND |
| Cadmium | EPA 200.8 | ICP-MS | Calcium | EPA 200.7 | ICP-AES | Chlorate | EPA 300.0 | IC-COND |
| Chloride | EPA 300.0 | IC-COND | Chlorine (free residual) | SM 4500-Cl G | UV-VIS | Chlorine (total residual) | SM 4500-Cl G | UV-VIS |
| Chlorite | EPA 300.0 | IC-COND | Chromium | EPA 200.8 | ICP-MS | Chromium (VI) | EPA 218.6 | IC-UV |
| Color | SM 2120B | OTHER | Conductivity | SM 2510B | COND | Copper | EPA 200.8 | ICP-MS |
| Corrosivity (Langlier Index) | SM 2330B | OTHER | Cyanide | EPA 335.4 | AUTO | Dissolved Organic Carbon (DOC) | SM 5310C | TOC-FID |
| Fluoride | EPA 300.0 | IC-COND | Fluoride | SM 4500-$F^-$ C | ISE | Hardness as $CaCO_3$ (calcium) | SM 2340B | OTHER |
| Hardness as $CaCO_3$ (total) | SM 2340B | OTHER | Iron | EPA 200.7 | ICP-AES | Lead | EPA 200.8 | ICP-MS |
| Magnesium | EPA 200.7 | ICP-AES | Manganese | EPA 200.8 | ICP-MS | Mercury | EPA 245.1 | CVAAS |
| Molybdenum | EPA 200.8 | ICP-MS | Nickel | EPA 200.8 | ICP-MS | Nitrate as N | EPA 300.0 | IC-COND |
| Nitrate as N | EPA 353.2 | AUTO | Nitrate-Nitrite as N | EPA 353.2 | AUTO | Nitrite as N | EPA 353.2 | AUTO |
| Orthophosphate as P | SM 4500-P E | UV-VIS | Perchlorate | EPA 331.0 | LC/ESI/MS | pH | EPA 150.1 | ISE |
| Potassium | EPA 200.7 | ICP-AES | Residue-Filterable (TDS) | SM 2540C | GRAV | Selenium | EPA 200.8 | ICP-MS |
| Silica as $SiO_2$ | EPA 200.7 | ICP-AES | Silver | EPA 200.8 | ICP-MS | Sodium | EPA 200.7 | ICP-AES |
| Sulfate | EPA 300.0 | IC-COND | Thallium | EPA 200.8 | ICP-MS | Total Organic Carbon (TOC) | SM 5310C | TOC-FID |
| Turbidity | EPA 180.1 | TURB | Uranium | EPA 200.8 | ICP-MS | UV254 | SM 5910B | UV/VIS |
| Vanadium | EPA 200.8 | ICP-MS | Zinc | EPA 200.8 | ICP-MS | | | |
| Zinc | EPA 200.8 | ICP-MS | | | | | | |

# Organic Parameters

| Analyte | Method | Tech. | Analyte | Method | Tech. | Analyte | Method | Tech. |
|---|---|---|---|---|---|---|---|---|
| 1,1,1,2-Tetrachloroethane | EPA 524.2 | GC-MS | 1,1,1-Trichloroethane | EPA 524.2 | GC-MS | 1,1,2,2-Tetrachloroethane | EPA 524.2 | GC-MS |
| 1,1,2-Trichloroethane | EPA 524.2 | GC-MS | 1,1-Dichloroethane | EPA 524.2 | GC-MS | 1,1-Dichloroethylene | EPA 524.2 | GC-MS |
| 1,1-Dichloropropene | EPA 524.2 | GC-MS | 1,2,3-Trichlorobenzene | EPA 524.2 | GC-MS | 1,2,3-Trichloropropane | EPA 524.2 | GC-MS |
| 1,2,4-Trichlorobenzene | EPA 524.2 | GC-MS | 1,2,4-Trimethylbenzene | EPA 524.2 | GC-MS | 1,2-Dibromo-3-chloropropane (DBCP | EPA 504.1 | GC-ECD |
| 1,2-Dibromoethane (EDB) | EPA 504.1 | GC-ECD | 1,2-Dichlorobenzene | EPA 524.2 | GC-MS | 1,2-Dichloroethane | EPA 524.2 | GC-MS |
| 1,2-Dichloropropane | EPA 524.2 | GC-MS | 1,3,5-Trimethylbenzene | EPA 524.2 | GC-MS | 1,3-Dichlorobenzene | EPA 524.2 | GC-MS |
| 1,3-Dichloropropane | EPA 524.2 | GC-MS | 1,4-Dichlorobenzene | EPA 524.2 | GC-MS | 2,2-Dichloropropane | EPA 524.2 | GC-MS |
| 2,3,7,8-TCDD (Dioxin) | EPA 1613 | GC-HRMS | 2,4-D | EPA 515.3 | GC-ECD | 2-Chlorotoluene | EPA 524.2 | GC-MS |
| 3-Hydroxycarbofuran | EPA 531.2 | HPLC-FLUOR | 4-Chlorotoluene | EPA 524.2 | GC-MS | 4-Isopropyltoluene | EPA 524.2 | GC-MS |
| Alachlor | EPA 525.2 | GC-MS | Aldicarb | EPA 531.2 | HPLC-FLUOR | Aldicarb Sulfone | EPA 531.2 | HPLC-FLUOR |
| Aldicarb Sulfoxide | EPA 531.2 | HPLC-FLUOR | Aldrin | EPA 525.2 | GC-MS | Atrazine | EPA 525.2 | GC-MS |
| Bentazon | EPA 515.3 | GC-ECD | Benzene | EPA 524.2 | GC-MS | Benzo(a)pyrene (PAHs) | EPA 525.2 | GC-MS |
| Bis(2-ethylhexyl) phthalate | EPA 525.2 | GC-MS | Bromoacetic Acid | EPA 552.2 | GC-ECD | Bromobenzene | EPA 524.2 | GC-MS |
| Bromochloroacetic Acid | EPA 552.2 | GC-ECD | Bromochloromethane | EPA 524.2 | GC-MS | Bromodichloromethane | EPA 524.2 | GC-MS |
| Bromodichloromethane | EPA 551.1 | GC-ECD | Bromoform | EPA 524.2 | GC-MS | Bromoform | EPA 551.1 | GC-ECD |
| Butachlor | EPA 525.2 | GC-MS | Carbaryl | EPA 531.2 | HPLC-FLUOR | Carbofuran | EPA 531.2 | HPLC-FLUOR |
| Carbon Tetrachloride | EPA 524.2 | GC-MS | Chlordane (tech.) | EPA 505 | GC-ECD | Chloroacetic Acid | EPA 552.2 | GC-ECD |
| Chlorobenzene | EPA 524.2 | GC-MS | Chloroethane | EPA 524.2 | GC-MS | Chloroform | EPA 524.2 | GC-MS |
| Chloroform | EPA 551.1 | GC-ECD | cis-1,2-Dichloroethylene | EPA 524.2 | GC-MS | cis-1,3-Dichloropropene | EPA 524.2 | GC-MS |
| Dalapon | EPA 515.3 | GC-ECD | Di(2-ethylhexyl) Adipate | EPA 525.2 | GC-MS | Dibromoacetic Acid | EPA 552.2 | GC-ECD |
| Dibromochloromethane | EPA 524.2 | GC-MS | Dibromochloromethane | EPA 551.1 | GC-ECD | Dibromomethane | EPA 524.2 | GC-MS |
| Dicamba | EPA 515.3 | GC-ECD | Dichloroacetic Acid | EPA 552.2 | GC-ECD | Dichlorodifluoromethane | EPA 524.2 | GC-MS |
| Dichloromethane | EPA 524.2 | GC-MS | Dieldrin | EPA 525.2 | GC-MS | Dinoseb | EPA 515.3 | GC-ECD |
| Diquat | EPA 549.2 | HPLC-UV | Endothall | EPA 548.1 | GC-MS | Endrin | EPA 525.2 | GC-MS |
| Ethylbenzene | EPA 524.2 | GC-MS | gamma-BHC (Lindane) | EPA 525.2 | GC-MS | Glyphosate | EPA 547 | HPLC-FLUOR |
| Heptachlor | EPA 525.2 | GC-MS | Heptachlor Epoxide | EPA 525.2 | GC-MS | Hexachlorobenzene | EPA 525.2 | GC-MS |
| Hexachlorobutadiene | EPA 524.2 | GC-MS | Hexachlorocyclopentadiene | EPA 525.2 | GC-MS | Isopropylbenzene | EPA 524.2 | GC-MS |
| Methiocarb | EPA 531.2 | HPLC-FLUOR | Methomyl | EPA 531.2 | HPLC-FLUOR | Methoxychlor | EPA 525.2 | GC-MS |
| Methyl Bromide (Bromomethane) | EPA 524.2 | GC-MS | Methyl Chloride (Chloromethane) | EPA 524.2 | GC-MS | Methyl tert-butyl Ether (MTBE) | EPA 524.2 | GC-MS |
| Metolachlor | EPA 525.2 | GC-MS | Metribuzin | EPA 525.2 | GC-MS | Molinate | EPA 525.2 | GC-MS |
| Naphthalene | EPA 524.2 | GC-MS | n-Butylbenzene | EPA 524.2 | GC-MS | n-Propylbenzene | EPA 524.2 | GC-MS |
| Oxamyl | EPA 531.2 | HPLC-FLUOR | PCBs as Aroclors (screen) | EPA 505 | GC-ECD | Pentachlorophenol | EPA 515.3 | GC-ECD |
| Picloram | EPA 515.3 | GC-ECD | Propachlor | EPA 525.2 | GC-MS | Propoxur (Baygon) | EPA 531.2 | HPLC-FLUOR |
| sec-Butylbenzene | EPA 524.2 | GC-MS | Silvex (2,4,5-TP) | EPA 515.3 | GC-ECD | Simazine | EPA 525.2 | GC-MS |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Styrene | EPA 524.2 | GC-MS | tert-Butylbenzene | EPA 524.2 | GC-MS | Tetrachloroethylene | EPA 524.2 | GC-MS |
| Toluene | EPA 524.2 | GC-MS | Total Haloacetic Acids (HAA5) | EPA 552.2 | GC-ECD | Total Trihalomethanes (THMs) | EPA 524.2 | GC-MS |
| Total Trihalomethanes (THMs) | EPA 551.1 | GC-ECD | Toxaphene | EPA 505 | GC-ECD | trans-1,2-Dichloroethylene | EPA 524.2 | GC-MS |
| trans-1,3-Dichloropropene | EPA 524.2 | GC-MS | Trichloroacetic Acid | EPA 552.2 | GC-ECD | Trichloroethylene | EPA 524.2 | GC-MS |
| Trichlorofluoromethane | EPA 524.2 | GC-MS | Trifluralin | EPA 525.2 | GC-MS | Vinyl Chloride | EPA 524.2 | GC-MS |
| Xylenes (total) | EPA 524.2 | GC-MS | | | | | | |

## Radiological Parameters

| Analyte | Method | Tech. | Analyte | Method | Tech. | Analyte | Method | Tech. |
|---|---|---|---|---|---|---|---|---|
| Gross Alpha | SM 7110B | PC | Gross Alpha | SM 7110C | PC | Gross Beta | SM 7110B | PC |
| Radium-226 | SM 7500-Ra B | PC | Radium-228 | SM 7500-Ra D | PC | Radon-222 | SM 7500-Rn B | LSC |
| Tritium | EPA 906.0 | LSC | Uranium (nat) | EPA 200.8 | ICP-MS | | | |

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**TNI Laboratory #: TNI00188**

**LADHH Secondary AB (TNI-NELAP)**

**Certificate Number: LA140005**

**Issue Date: 01-01-2014**

**Expiration Date: 12-31-2014**

## Inorganic Parameters

| Analyte | Method | Tech. | Analyte | Method | Tech. | Analyte | Method | Tech. |
|---|---|---|---|---|---|---|---|---|
| Alkalinity as CaCO3 | SM2320B | TITR | Aluminum | EPA 200.7 | ICP-AES | Aluminum | EPA 200.8 | ICP-MS |
| Antimony | EPA 200.8 | ICP-MS | Arsenic | EPA 200.8 | ICP-MS | Barium | EPA 200.7 | ICP-AES |
| Barium | EPA 200.8 | ICP-MS | Beryllium | EPA 200.7 | ICP-AES | Beryllium | EPA 200.8 | ICP-MS |
| Bromide | EPA 300.0 | IC-COND | Cadmium | EPA 200.7 | ICP-AES | Cadmium | EPA 200.8 | ICP-MS |
| Calcium | EPA 200.7 | ICP-AES | Chloride | EPA 300.0 | IC-COND | Chlorine (free residual) | SM 4500-Cl G | UV-VIS |
| Chlorine (total residual) | SM 4500-Cl G | UV-VIS | Chromium | EPA 200.7 | ICP-AES | Chromium | EPA 200.8 | ICP-MS |
| Color | EPA 110.2 | OTHER | Color | SM 2120B | OTHER | Conductivity | SM 2510B | COND |
| Copper | EPA 200.7 | ICP-AES | Copper | EPA 200.8 | ICP-MS | Fluoride | EPA 300.0 | IC-COND |
| Iron | EPA 200.7 | ICP-AES | Lead | EPA 200.8 | ICP-MS | Manganese | EPA 200.7 | ICP-AES |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Manganese | EPA 200.8 | ICP-MS | Mercury | EPA 245.1 | CVAAS | Mercury | EPA 245.2 | CVAAS |
| Molybdenum | EPA 200.7 | ICP-AES | Molybdenum | EPA 200.8 | ICP-MS | Nickel | EPA 200.7 | ICP-AES |
| Nickel | EPA 200.8 | ICP-MS | Nitrate as N | EPA 300.0 | IC-COND | Nitrate-Nitrite as N | EPA 300.0 | IC-COND |
| Nitrate-Nitrite as N | EPA 353.2 | AUTO | Nitrite as N | EPA 300.0 | IC-COND | Odor | SM 2150B | OTHER |
| Orthophosphate as P | EPA 300.0 | IC-COND | Perchlorate | EPA 314.0 | IC-COND | pH | EPA 150.1 | ISE |
| Residue-Filterable (TDS) | EPA 160.1 | GRAV | Residue-Filterable (TDS) | SM 2540C | GRAV | Selenium | EPA 200.8 | ICP-MS |
| Silica as $SiO_2$ | EPA 200.7 | ICP-AES | Silver | EPA 200.7 | ICP-AES | Silver | EPA 200.8 | ICP-MS |
| Sodium | EPA 200.7 | ICP-AES | Sulfate | EPA 300.0 | IC-COND | Thallium | EPA 200.8 | ICP-MS |
| Turbidity | EPA 180.1 | TURB | Turbidity | SM 2130B | TURB | Uranium | EPA 200.8 | ICP-MS |
| Vanadium | EPA 200.7 | ICP-AES | Zinc | EPA 200.7 | ICP-AES | Zinc | EPA 200.8 | ICP-MS |

## Organic Parameters

| Analyte | Method | Tech. | Analyte | Method | Tech. | Analyte | Method | Tech. |
|---|---|---|---|---|---|---|---|---|
| 1,1,1,2-Tetrachloroethane | EPA 524.2 | GC-MS | 1,1,1-Trichloroethane | EPA 524.2 | GC-MS | 1,1,2,2-Tetrachloroethane | EPA 524.2 | GC-MS |
| 1,1,2-Trichloroethane | EPA 524.2 | GC-MS | 1,1-Dichloroethane | EPA 524.2 | GC-MS | 1,1-Dichloroethylene | EPA 524.2 | GC-MS |
| 1,1-Dichloropropene | EPA 524.2 | GC-MS | 1,2,3-Trichlorobenzene | EPA 524.2 | GC-MS | 1,2,3-Trichloropropane | EPA 504.1 | GC-ECD |
| 1,2,4-Trichlorobenzene | EPA 524.2 | GC-MS | 1,2,4-Trimethylbenzene | EPA 524.2 | GC-MS | 1,2-Dibromo-3-chloropropane (DBCP | EPA 504.1 | GC-ECD |
| 1,2-Dibromoethane (EDB) | EPA 504.1 | GC-ECD | 1,2-Dichlorobenzene | EPA 524.2 | GC-MS | 1,2-Dichloroethane | EPA 524.2 | GC-MS |
| 1,2-Dichloropropane | EPA 524.2 | GC-MS | 1,3,5-Trimethylbenzene | EPA 524.2 | GC-MS | 1,3-Dichlorobenzene | EPA 524.2 | GC-MS |
| 1,3-Dichloropropane | EPA 524.2 | GC-MS | 1,4-Dichlorobenzene | EPA 524.2 | GC-MS | 2,2-Dichloropropane | EPA 524.2 | GC-MS |
| 2-Chlorotoluene | EPA 524.2 | GC-MS | 4-Chlorotoluene | EPA 524.2 | GC-MS | 4-Isopropyltoluene | EPA 524.2 | GC-MS |
| Benzene | EPA 524.2 | GC-MS | Bromoacetic Acid | EPA 552.2 | GC-ECD | Bromobenzene | EPA 524.2 | GC-MS |
| Bromochloroacetic Acid | EPA 552.2 | GC-ECD | Bromochloromethane | EPA 524.2 | GC-MS | Bromodichloromethane | EPA 524.2 | GC-MS |
| Bromoform | EPA 524.2 | GC-MS | Carbon Tetrachloride | EPA 524.2 | GC-MS | Chloroacetic Acid | EPA 552.2 | GC-ECD |
| Chlorobenzene | EPA 524.2 | GC-MS | Chloroethane | EPA 524.2 | GC-MS | Chloroform | EPA 524.2 | GC-MS |
| cis-1,2-Dichloroethylene | EPA 524.2 | GC-MS | cis-1,3-Dichloropropene | EPA 524.2 | GC-MS | Dibromoacetic Acid | EPA 552.2 | GC-ECD |
| Dibromochloromethane | EPA 524.2 | GC-MS | Dibromomethane | EPA 524.2 | GC-MS | Dichloroacetic Acid | EPA 552.2 | GC-ECD |
| Dichloromethane | EPA 524.2 | GC-MS | Ethylbenzene | EPA 524.2 | GC-MS | Glyphosate | EPA 547 | HPLC-FLUOR |
| Hexachlorobutadiene | EPA 524.2 | GC-MS | Isopropylbenzene | EPA 524.2 | GC-MS | Methyl Bromide (Bromomethane) | EPA 524.2 | GC-MS |
| Methyl Chloride (Chloromethane) | EPA 524.2 | GC-MS | Methyl tert-butyl Ether (MTBE) | EPA 524.2 | GC-MS | Naphthalene | EPA 524.2 | GC-MS |
| n-Butylbenzene | EPA 524.2 | GC-MS | n-Propylbenzene | EPA 524.2 | GC-MS | sec-Butylbenzene | EPA 524.2 | GC-MS |
| Styrene | EPA 524.2 | GC-MS | tert-Butylbenzene | EPA 524.2 | GC-MS | Tetrachloroethylene | EPA 524.2 | GC-MS |
| Toluene | EPA 524.2 | GC-MS | Total Trihalomethanes (THMs) | EPA 524.2 | GC-MS | trans-1,2-Dichloroethylene | EPA 524.2 | GC-MS |
| trans-1,3-Dichloropropene | EPA 524.2 | GC-MS | Trichloroacetic Acid | EPA 552.2 | GC-ECD | Trichloroethylene | EPA 524.2 | GC-MS |
| Trichlorofluoromethane | EPA 524.2 | GC-MS | Vinyl Chloride | EPA 524.2 | GC-MS | Xylenes (total) | EPA 524.2 | GC-MS |

## Radiological Parameters

| Analyte | Method | Tech. | Analyte | Method | Tech. | Analyte | Method | Tech. |
|---|---|---|---|---|---|---|---|---|
| Cesium-134 | EPA 901.1 | GS-HR | Cesium-137 | EPA 901.1 | GS-HR | Gamma Emitters | EPA 901.1 | GS-HR |
| Gross Alpha | EPA 00-02 | PC | Gross Alpha | EPA 900.0 | PC | Gross Beta | EPA 900.0 | PC |
| Radioactive Iodine (Iodine-131) | EPA 901.1 | GS-HR | Radioactive Iodine (Iodine-131) | EPA 902.0 | PC | Radium-226 | EPA 903.1 | ASC |
| Radium-228 | EPA 904.0 | PC | Radon-222 | SM 7500-Rn B | LSC | Strontium-89 | EPA 905.0 | PC |
| Strontium-90 | EPA 905.0 | PC | Tritium | EPA 906.0 | LSC | Uranium (nat) | ASTM D5174-02 | LP |
| Uranium (nat) | ASTM D5174-97 | LP | Uranium (nat) | DOE U-02 | AS | Uranium (nat) | EPA 200.8 | ICP-MS |

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**EPA Laboratory #: OH01320**
**TNI Laboratory #: TNI01646**

**LADHH Secondary AB (TNI-NELAP)**

**Certificate Number: LA140027** **Issue Date: 01-01-2014** **Expiration Date: 12-31-2014**

## Inorganic Parameters

| Analyte | Method | Tech. | Analyte | Method | Tech. | Analyte | Method | Tech. |
|---|---|---|---|---|---|---|---|---|
| Alkalinity as CaCO3 | SM2320B | TITR | Aluminum | EPA 200.7 | ICP-AES | Antimony | EPA 200.8 | ICP-MS |
| Arsenic | EPA 200.8 | ICP-MS | Barium | EPA 200.7 | ICP-AES | Barium | EPA 200.8 | ICP-MS |
| Beryllium | EPA 200.8 | ICP-MS | Bromate | EPA 300.1 | IC-COND | Cadmium | EPA 200.8 | ICP-MS |
| Calcium | EPA 200.7 | ICP-AES | Chlorate | EPA 300.0 | IC-COND | Chlorate | EPA 300.1 | IC-COND |
| Chloride | EPA 300.0 | IC-COND | Chlorite | EPA 300.0 | IC-COND | Chlorite | EPA 300.1 | IC-COND |
| Chromium | EPA 200.7 | ICP-AES | Chromium | EPA 200.8 | ICP-MS | Color | SM 2120B | OTHER |
| Copper | EPA 200.7 | ICP-AES | Copper | EPA 200.8 | ICP-MS | Cyanide | EPA 335.4 | AUTO |
| Dissolved Organic Carbon (DOC) | SM 5310B | TOC-IR | Fluoride | SM 4500-$F^-$ C | ISE | Hardness as $CaCO_3$ (calcium) | EPA 200.7 | ICP-AES |
| Hardness as $CaCO_3$ (calcium) | SM 3120B | ICP-AES | Iron | EPA 200.7 | ICP-AES | Lead | EPA 200.8 | ICP-MS |
| Manganese | EPA 200.7 | ICP-AES | Mercury | EPA 245.1 | CVAAS | Nickel | EPA 200.7 | ICP-AES |
| Nickel | EPA 200.8 | ICP-MS | Nitrate as N | EPA 353.2 | AUTO | Nitrite as N | EPA 353.2 | AUTO |
| Odor | SM 2150B | OTHER | Residue-Filterable (TDS) | SM 2540C | GRAV | Selenium | EPA 200.8 | ICP-MS |
| Silver | EPA 200.7 | ICP-AES | Silver | EPA 200.8 | ICP-MS | Sodium | EPA 200.7 | ICP-AES |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Sulfate | EPA 300.0 | IC-COND | Surfactants-MBAS | SM 5540C | UV-VIS | Thallium | EPA 200.8 | ICP-MS |
| Total Organic Carbon (TOC) | SM 5310B | TOC-IR | UV254 | SM 5910B | UV/VIS | Zinc | EPA 200.7 | ICP-AES |

## Organic Parameters

| Analyte | Method | Tech. | Analyte | Method | Tech. | Analyte | Method | Tech. |
|---|---|---|---|---|---|---|---|---|
| 1,1,1,2-Tetrachloroethane | EPA 524.2 | GC-MS | 1,1,1-Trichloroethane | EPA 524.2 | GC-MS | 1,1,2,2-Tetrachloroethane | EPA 524.2 | GC-MS |
| 1,1,2-Trichloroethane | EPA 524.2 | GC-MS | 1,1-Dichloroethane | EPA 524.2 | GC-MS | 1,1-Dichloroethylene | EPA 524.2 | GC-MS |
| 1,1-Dichloropropene | EPA 524.2 | GC-MS | 1,2,3-Trichlorobenzene | EPA 524.2 | GC-MS | 1,2,3-Trichloropropane | EPA 504.1 | GC-ECD |
| 1,2,4-Trichlorobenzene | EPA 524.2 | GC-MS | 1,2,4-Trimethylbenzene | EPA 524.2 | GC-MS | 1,2-Dibromo-3-chloropropane (DBCP | EPA 504.1 | GC-ECD |
| 1,2-Dibromoethane (EDB) | EPA 504.1 | GC-ECD | 1,2-Dichlorobenzene | EPA 524.2 | GC-MS | 1,2-Dichloroethane | EPA 524.2 | GC-MS |
| 1,2-Dichloropropane | EPA 524.2 | GC-MS | 1,3,5-Trimethylbenzene | EPA 524.2 | GC-MS | 1,3-Dichlorobenzene | EPA 524.2 | GC-MS |
| 1,3-Dichloropropane | EPA 524.2 | GC-MS | 1,4-Dichlorobenzene | EPA 524.2 | GC-MS | 2,2-Dichloropropane | EPA 524.2 | GC-MS |
| 2,4-D | EPA 515.1 | GC-ECD | 2-Chlorotoluene | EPA 524.2 | GC-MS | 3-Hydroxycarbofuran | EPA 531.2 | HPLC-FLUOR |
| 4-Chlorotoluene | EPA 524.2 | GC-MS | 4-Isopropyltoluene | EPA 524.2 | GC-MS | Alachlor | EPA 525.2 | GC-MS |
| Aldicarb | EPA 531.2 | HPLC-FLUOR | Aldicarb Sulfone | EPA 531.2 | HPLC-FLUOR | Aldicarb Sulfoxide | EPA 531.2 | HPLC-FLUOR |
| Aldrin | EPA 508 | GC-ECD | Atrazine | EPA 525.2 | GC-MS | Benzene | EPA 524.2 | GC-MS |
| Benzo(a)pyrene (PAHs) | EPA 525.2 | GC-MS | Bis(2-ethylhexyl) phthalate | EPA 525.2 | GC-MS | Bromoacetic Acid | EPA 552.2 | GC-ECD |
| Bromobenzene | EPA 524.2 | GC-MS | Bromochloroacetic Acid | EPA 552.2 | GC-ECD | Bromochloromethane | EPA 524.2 | GC-MS |
| Bromodichloromethane | EPA 524.2 | GC-MS | Bromoform | EPA 524.2 | GC-MS | Butachlor | EPA 525.2 | GC-MS |
| Carbaryl | EPA 531.2 | HPLC-FLUOR | Carbofuran | EPA 531.2 | HPLC-FLUOR | Carbon Tetrachloride | EPA 524.2 | GC-MS |
| Chlordane (tech.) | EPA 508 | GC-ECD | Chloroacetic Acid | EPA 552.2 | GC-ECD | Chlorobenzene | EPA 524.2 | GC-MS |
| Chloroethane | EPA 524.2 | GC-MS | Chloroform | EPA 524.2 | GC-MS | cis-1,2-Dichloroethylene | EPA 524.2 | GC-MS |
| cis-1,3-Dichloropropene | EPA 524.2 | GC-MS | Dalapon | EPA 515.1 | GC-ECD | Di(2-ethylhexyl) Adipate | EPA 525.2 | GC-MS |
| Dibromoacetic Acid | EPA 552.2 | GC-ECD | Dibromochloromethane | EPA 524.2 | GC-MS | Dibromomethane | EPA 524.2 | GC-MS |
| Dicamba | EPA 515.1 | GC-ECD | Dichloroacetic Acid | EPA 552.2 | GC-ECD | Dichlorodifluoromethane | EPA 524.2 | GC-MS |
| Dichloromethane | EPA 524.2 | GC-MS | Dieldrin | EPA 508 | GC-ECD | Dinoseb | EPA 515.1 | GC-ECD |
| Diquat | EPA 549.2 | HPLC-UV | Endothall | EPA 548.1 | GC-MS | Endrin | EPA 508 | GC-ECD |
| Ethylbenzene | EPA 524.2 | GC-MS | gamma-BHC (Lindane) | EPA 508 | GC-ECD | Glyphosate | EPA 547 | HPLC-FLUOR |
| Heptachlor | EPA 508 | GC-ECD | Heptachlor Epoxide | EPA 508 | GC-ECD | Hexachlorobenzene | EPA 508 | GC-ECD |
| Hexachlorobenzene | EPA 525.2 | GC-MS | Hexachlorobutadiene | EPA 524.2 | GC-MS | Hexachlorocyclopentadiene | EPA 508 | GC-ECD |
| Hexachlorocyclopentadiene | EPA 525.2 | GC-MS | Isopropylbenzene | EPA 524.2 | GC-MS | Methomyl | EPA 531.2 | HPLC-FLUOR |
| Methoxychlor | EPA 508 | GC-ECD | Methyl Bromide (Bromomethane) | EPA 524.2 | GC-MS | Methyl Chloride (Chloromethane) | EPA 524.2 | GC-MS |
| Methyl tert-butyl Ether (MTBE) | EPA 524.2 | GC-MS | Metolachlor | EPA 525.2 | GC-MS | Metribuzin | EPA 525.2 | GC-MS |
| Naphthalene | EPA 524.2 | GC-MS | n-Butylbenzene | EPA 524.2 | GC-MS | n-Propylbenzene | EPA 524.2 | GC-MS |
| Oxamyl | EPA 531.2 | HPLC-FLUOR | PCBs as Aroclors (screen) | EPA 508 | GC-ECD | PCBs as Decachlorobiphenyl | EPA 508A | GC-ECD |
| Pentachlorophenol | EPA 515.1 | GC-ECD | Picloram | EPA 515.1 | GC-ECD | Propachlor | EPA 508 | GC-ECD |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Propachlor | EPA 525.2 | GC-MS | sec-Butylbenzene | EPA 524.2 | GC-MS | Silvex (2,4,5-TP) | EPA 515.1 | GC-ECD |
| Simazine | EPA 525.2 | GC-MS | Styrene | EPA 524.2 | GC-MS | tert-Butylbenzene | EPA 524.2 | GC-MS |
| Tetrachloroethylene | EPA 524.2 | GC-MS | Toluene | EPA 524.2 | GC-MS | Total Haloacetic Acids (HAA5) | EPA 552.2 | GC-ECD |
| Total Trihalomethanes (THMs) | EPA 524.2 | GC-MS | Toxaphene | EPA 508 | GC-ECD | trans-1,2-Dichloroethylene | EPA 524.2 | GC-MS |
| trans-1,3-Dichloropropene | EPA 524.2 | GC-MS | Trichloroacetic Acid | EPA 552.2 | GC-ECD | Trichloroethylene | EPA 524.2 | GC-MS |
| Trichlorofluoromethane | EPA 524.2 | GC-MS | Vinyl Chloride | EPA 524.2 | GC-MS | Xylenes (total) | EPA 524.2 | GC-MS |

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**LADHH Primary AB (STATE)**

**Certificate Number: LA140017** **Issue Date: 01-01-2014** **Expiration Date: 12-31-2014**

## Inorganic Parameters

| Analyte | Method | Tech. | Analyte | Method | Tech. | Analyte | Method | Tech. |
|---|---|---|---|---|---|---|---|---|
| Aluminum (interim) | EPA 200.8 | ICP-MS | Antimony (interim) | EPA 200.8 | ICP-MS | Arsenic (interim) | EPA 200.8 | ICP-MS |
| Barium(interim) | EPA 200.8 | ICP-MS | Beryllium (interim) | EPA 200.8 | ICP-MS | Cadmium (interim) | EPA 200.8 | ICP-MS |
| Chromium (interim) | EPA 200.8 | ICP-MS | Copper (interim) | EPA 200.8 | ICP-MS | Dissolved Organic Carbon (DOC) | SM 5310C | TOC-FID |
| Lead (interim) | EPA 200.8 | ICP-MS | Manganese (interim) | EPA 200.8 | ICP-MS | Mercury (interim) | EPA 200.8 | ICP-MS |
| Mercury | EPA 245.1 | CVAAS | Molybdenum(interim) | EPA 200.8 | ICP-MS | Nickel (interim) | EPA 200.8 | ICP-MS |
| Nitrate as N | EPA 300.0 | IC-COND | Nitrite as N | EPA 300.0 | IC-COND | Selenium (interim) | EPA 200.8 | ICP-MS |
| Silver (interim) | EPA 200.8 | ICP-MS | Thallium (interim) | EPA 200.8 | ICP-MS | Total Organic Carbon (TOC) | SM 5310C | TOC-FID |
| UV254 | SM 5910B | UV/VIS | Vanadium (interim) | EPA 200.8 | ICP-MS | Zinc (interim) | EPA 200.8 | ICP-MS |

## Organic Parameters

| Analyte | Method | Tech. | Analyte | Method | Tech. | Analyte | Method | Tech. |
|---|---|---|---|---|---|---|---|---|
| Alachlor | EPA 505 | GC-ECD | Atrazine | EPA 505 | GC-ECD | Bromoacetic Acid | EPA 552.2 | GC-ECD |
| Bromochloroacetic Acid | EPA 552.2 | GC-ECD | Bromodichloromethane | EPA 502.2 | GC-ELCD/PID | Bromoform | EPA 502.2 | GC-ELCD/PID |
| Chloroacetic Acid | EPA 552.2 | GC-ECD | Chloroform | EPA 502.2 | GC-ELCD/PID | Dibromoacetic Acid | EPA 552.2 | GC-ECD |
| Dibromochloromethane | EPA 502.2 | GC-ELCD/PID | Dichloroacetic Acid | EPA 552.2 | GC-ECD | Simazine | EPA 505 | GC-ECD |
| Total Haloacetic Acids (HAA5) | EPA 552.2 | GC-ECD | Total Trihalomethanes (THMs) | EPA 502.2 | GC-ELCD/PID | Trichloroacetic Acid | EPA 552.2 | GC-ECD |

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**EPA Laboratory #: MI00044**
**TNI Laboratory #: TNI02138**

**LADHH Primary AB (TNI-NELAP)**

**Certificate Number: LA140021** **Issue Date: 01-01-2014** **Expiration Date: 12-31-2014**

## Inorganic Parameters

| Analyte | Method | Tech. |
|---|---|---|
| Alkalinity as CaCO3 | SM2320B | TITR |
| Antimony | SM 3113B | GFAAS |
| Barium | EPA 200.7 | ICP-AES |
| Beryllium | EPA 200.8 | ICP-MS |
| Bromate | EPA 326.0 | IC-UV/VIS |
| Cadmium | EPA 200.7 | ICP-AES |
| Chlorate | EPA 300.1 | IC-COND |
| Chlorine (free residual) | SM 4500-Cl G | UV-VIS |
| Chromium | EPA 200.7 | ICP-AES |
| Conductivity | SM 2510B | COND |
| Fluoride | EPA 300.0 | IC-COND |
| Iron | EPA 200.7 | ICP-AES |
| Magnesium | EPA 200.7 | ICP-AES |
| Mercury | EPA 200.8 | ICP-MS |
| Nitrate as N | EPA 300.0 | IC-COND |
| Odor | SM 2150B | OTHER |
| Potassium | EPA 200.7 | ICP-AES |
| Selenium | SM 3113B | GFAAS |
| Silver | EPA 200.8 | ICP-MS |
| Surfactants-MBAS | SM 5540C | UV-VIS |
| Turbidity | SM 2130B | TURB |
| Zinc | EPA 200.7 | ICP-AES |

| Analyte | Method | Tech. |
|---|---|---|
| Aluminum | EPA 200.7 | ICP-AES |
| Arsenic | EPA 200.8 | ICP-MS |
| Barium | EPA 200.8 | ICP-MS |
| Boron | EPA 200.7 | ICP-AES |
| Bromide | EPA 300.0 | IC-COND |
| Cadmium | EPA 200.8 | ICP-MS |
| Chloride | EPA 300.0 | IC-COND |
| Chlorine (total residual) | SM 4500-Cl G | UV-VIS |
| Chromium | EPA 200.8 | ICP-MS |
| Copper | EPA 200.7 | ICP-AES |
| Hardness as $CaCO_3$ (calcium) | SM 2340B | OTHER |
| Lead | EPA 200.8 | ICP-MS |
| Manganese | EPA 200.7 | ICP-AES |
| Nickel | EPA 200.7 | ICP-AES |
| Nitrate-Nitrite as N | EPA 300.0 | IC-COND |
| Orthophosphate as P | EPA 300.0 | IC-COND |
| Residue-Filterable (TDS) | SM 2540C | GRAV |
| Silica as $SiO_2$ | EPA 200.7 | ICP-AES |
| Sodium | EPA 200.7 | ICP-AES |
| Thallium | EPA 200.8 | ICP-MS |
| Uranium | EPA 200.8 | ICP-MS |
| Zinc | EPA 200.8 | ICP-MS |

| Analyte | Method | Tech. |
|---|---|---|
| Antimony | EPA 200.8 | ICP-MS |
| Arsenic | SM 3113B | GFAAS |
| Beryllium | EPA 200.7 | ICP-AES |
| Bromate | EPA 300.1 | IC-COND |
| Bromide | EPA 300.1 | IC-COND |
| Calcium | EPA 200.7 | ICP-AES |
| Chlorine Dioxide | SM 4500-ClO2 D | TITR |
| Chlorite | EPA 300.1 | IC-COND |
| Color | SM 2120B | OTHER |
| Copper | EPA 200.8 | ICP-MS |
| Hardness as $CaCO_3$ (total) | SM 2340C | TITR |
| Lead | SM 3113B | GFAAS |
| Manganese | EPA 200.8 | ICP-MS |
| Nickel | EPA 200.8 | ICP-MS |
| Nitrite as N | EPA 300.0 | IC-COND |
| pH | EPA 150.1 | ISE |
| Selenium | EPA 200.8 | ICP-MS |
| Silver | EPA 200.7 | ICP-AES |
| Sulfate | EPA 300.0 | IC-COND |
| Total Organic Carbon (TOC) | SM 5310C | TOC-FID |
| Vanadium | EPA 200.7 | ICP-AES |

# Organic Parameters

| Analyte | Method | Tech. | Analyte | Method | Tech. | Analyte | Method | Tech. |
|---|---|---|---|---|---|---|---|---|
| 1,1,1,2-Tetrachloroethane | EPA 524.2 | GC-MS | 1,1,1-Trichloroethane | EPA 524.2 | GC-MS | 1,1,2,2-Tetrachloroethane | EPA 524.2 | GC-MS |
| 1,1,2-Trichloroethane | EPA 524.2 | GC-MS | 1,1-Dichloroethane | EPA 524.2 | GC-MS | 1,1-Dichloroethylene | EPA 524.2 | GC-MS |
| 1,1-Dichloropropene | EPA 524.2 | GC-MS | 1,2,3-Trichlorobenzene | EPA 524.2 | GC-MS | 1,2,3-Trichloropropane | EPA 504.1 | GC-ECD |
| 1,2,4-Trichlorobenzene | EPA 524.2 | GC-MS | 1,2,4-Trimethylbenzene | EPA 524.2 | GC-MS | 1,2-Dibromo-3-chloropropane (DBCP | EPA 504.1 | GC-ECD |
| 1,2-Dibromoethane (EDB) | EPA 504.1 | GC-ECD | 1,2-Dichlorobenzene | EPA 524.2 | GC-MS | 1,2-Dichloroethane | EPA 524.2 | GC-MS |
| 1,2-Dichloropropane | EPA 524.2 | GC-MS | 1,3,5-Trimethylbenzene | EPA 524.2 | GC-MS | 1,3-Dichlorobenzene | EPA 524.2 | GC-MS |
| 1,3-Dichloropropane | EPA 524.2 | GC-MS | 1,4-Dichlorobenzene | EPA 524.2 | GC-MS | 2,2-Dichloropropane | EPA 524.2 | GC-MS |
| 2,4-D | EPA 515.2 | GC-ECD | 2,4-D | EPA 515.4 | GC-ECD | 2-Chlorotoluene | EPA 524.2 | GC-MS |
| 3-Hydroxycarbofuran | EPA 531.2 | HPLC-FLUOR | 4-Chlorotoluene | EPA 524.2 | GC-MS | 4-Isopropyltoluene | EPA 524.2 | GC-MS |
| Alachlor | EPA 508.1 | GC-ECD | Alachlor | EPA 525.2 | GC-MS | Aldicarb | EPA 531.2 | HPLC-FLUOR |
| Aldicarb Sulfone | EPA 531.2 | HPLC-FLUOR | Aldicarb Sulfoxide | EPA 531.2 | HPLC-FLUOR | Aldrin | EPA 505 | GC-ECD |
| Aldrin | EPA 525.2 | GC-MS | Atrazine | EPA 508.1 | GC-ECD | Atrazine | EPA 525.2 | GC-MS |
| Bentazon | EPA 515.2 | GC-ECD | Bentazon | EPA 515.4 | GC-ECD | Benzene | EPA 524.2 | GC-MS |
| Benzo(a)pyrene (PAHs) | EPA 525.2 | GC-MS | Bis(2-ethylhexyl) phthalate | EPA 525.2 | GC-MS | Bromoacetic Acid | EPA 552.2 | GC-ECD |
| Bromobenzene | EPA 524.2 | GC-MS | Bromochloromethane | EPA 524.2 | GC-MS | Bromodichloromethane | EPA 524.2 | GC-MS |
| Bromoform | EPA 524.2 | GC-MS | Butachlor | EPA 508.1 | GC-ECD | Butachlor | EPA 525.2 | GC-MS |
| Carbaryl | EPA 531.2 | HPLC-FLUOR | Carbofuran | EPA 531.2 | HPLC-FLUOR | Carbon Tetrachloride | EPA 524.2 | GC-MS |
| Chlordane (tech.) | EPA 505 | GC-ECD | Chloroacetic Acid | EPA 552.2 | GC-ECD | Chlorobenzene | EPA 524.2 | GC-MS |
| Chloroethane | EPA 524.2 | GC-MS | Chloroform | EPA 524.2 | GC-MS | cis-1,2-Dichloroethylene | EPA 524.2 | GC-MS |
| cis-1,3-Dichloropropene | EPA 524.2 | GC-MS | Dalapon | EPA 515.4 | GC-ECD | Dalapon | EPA 552.2 | GC-ECD |
| Di(2-ethylhexyl) Adipate | EPA 525.2 | GC-MS | Dibromoacetic Acid | EPA 552.2 | GC-ECD | Dibromochloromethane | EPA 524.2 | GC-MS |
| Dibromomethane | EPA 524.2 | GC-MS | Dicamba | EPA 515.2 | GC-ECD | Dicamba | EPA 515.4 | GC-ECD |
| Dichloroacetic Acid | EPA 552.2 | GC-ECD | Dichlorodifluoromethane | EPA 524.2 | GC-MS | Dichloromethane | EPA 524.2 | GC-MS |
| Dieldrin | EPA 505 | GC-ECD | Dieldrin | EPA 525.2 | GC-MS | Dinoseb | EPA 515.2 | GC-ECD |
| Dinoseb | EPA 515.4 | GC-ECD | Diquat | EPA 549.2 | HPLC-UV | Endothall | EPA 548.1 | GC-MS |
| Endrin | EPA 505 | GC-ECD | Endrin | EPA 525.2 | GC-MS | Ethylbenzene | EPA 524.2 | GC-MS |
| gamma-BHC (Lindane) | EPA 505 | GC-ECD | gamma-BHC (Lindane) | EPA 525.2 | GC-MS | Glyphosate | EPA 547 | HPLC-FLUOR |
| Heptachlor | EPA 505 | GC-ECD | Heptachlor | EPA 525.2 | GC-MS | Heptachlor Epoxide | EPA 505 | GC-ECD |
| Heptachlor Epoxide | EPA 525.2 | GC-MS | Hexachlorobenzene | EPA 505 | GC-ECD | Hexachlorobenzene | EPA 525.2 | GC-MS |
| Hexachlorobutadiene | EPA 524.2 | GC-MS | Hexachlorocyclopentadiene | EPA 505 | GC-ECD | Hexachlorocyclopentadiene | EPA 525.2 | GC-MS |
| Isopropylbenzene | EPA 524.2 | GC-MS | Methomyl | EPA 531.2 | HPLC-FLUOR | Methoxychlor | EPA 505 | GC-ECD |
| Methoxychlor | EPA 525.2 | GC-MS | Methyl Bromide (Bromomethane) | EPA 524.2 | GC-MS | Methyl Chloride (Chloromethane) | EPA 524.2 | GC-MS |
| Methyl tert-butyl Ether (MTBE) | EPA 524.2 | GC-MS | Metolachlor | EPA 508.1 | GC-ECD | Metolachlor | EPA 525.2 | GC-MS |
| Metribuzin | EPA 508.1 | GC-ECD | Metribuzin | EPA 525.2 | GC-MS | Molinate | EPA 508.1 | GC-ECD |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Molinate | EPA 525.2 | GC-MS | Naphthalene | EPA 524.2 | GC-MS | n-Butylbenzene | EPA 524.2 | GC-MS |
| n-Propylbenzene | EPA 524.2 | GC-MS | Oxamyl | EPA 531.2 | HPLC-FLUOR | PCBs as Aroclors (screen) | EPA 505 | GC-ECD |
| Pentachlorophenol | EPA 515.2 | GC-ECD | Pentachlorophenol | EPA 515.4 | GC-ECD | Pentachlorophenol | EPA 525.2 | GC-MS |
| Picloram | EPA 515.2 | GC-ECD | Picloram | EPA 515.4 | GC-ECD | Propachlor | EPA 508.1 | GC-ECD |
| Propachlor | EPA 525.2 | GC-MS | sec-Butylbenzene | EPA 524.2 | GC-MS | Silvex (2,4,5-TP) | EPA 515.2 | GC-ECD |
| Silvex (2,4,5-TP) | EPA 515.4 | GC-ECD | Simazine | EPA 508.1 | GC-ECD | Simazine | EPA 525.2 | GC-MS |
| Styrene | EPA 524.2 | GC-MS | tert-Butylbenzene | EPA 524.2 | GC-MS | Tetrachloroethylene | EPA 524.2 | GC-MS |
| Thiobencarb | EPA 508.1 | GC-ECD | Thiobencarb | EPA 525.2 | GC-MS | Toluene | EPA 524.2 | GC-MS |
| Total Haloacetic Acids (HAA5) | EPA 552.2 | GC-ECD | Total Trihalomethanes (THMs) | EPA 524.2 | GC-MS | Toxaphene | EPA 505 | GC-ECD |
| trans-1,2-Dichloroethylene | EPA 524.2 | GC-MS | trans-1,3-Dichloropropene | EPA 524.2 | GC-MS | Trichloroacetic Acid | EPA 552.2 | GC-ECD |
| Trichloroethylene | EPA 524.2 | GC-MS | Trichlorofluoromethane | EPA 524.2 | GC-MS | Trifluralin | EPA 505 | GC-ECD |
| Trifluralin | EPA 525.2 | GC-MS | Vinyl Chloride | EPA 524.2 | GC-MS | Xylenes (total) | EPA 524.2 | GC-MS |

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**LADHH Primary AB (TNI-NELAP)**

**Certificate Number: LA140024** **Issue Date: 01-01-2014** **Expiration Date: 12-31-2014**

## Inorganic Parameters

| Analyte | Method | Tech. | Analyte | Method | Tech. | Analyte | Method | Tech. |
|---|---|---|---|---|---|---|---|---|
| Bromate | EPA 300.1 | IC-COND | Bromide | EPA 300.1 | IC-COND | Chlorate | EPA 300.1 | IC-COND |
| Chlorite | EPA 300.1 | IC-COND | | | | | | |

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**LADHH Secondary AB (TNI-NELAP)**

**Certificate Number: LA140004** **Issue Date: 01-01-2014** **Expiration Date: 12-31-2014**

## Inorganic Parameters

| Analyte | Method | Tech. |
|---|---|---|
| Alkalinity as CaCO3 | SM2320B | TITR |
| Antimony | EPA 200.8 | ICP-MS |
| Barium | EPA 200.8 | ICP-MS |
| Bromate | EPA 300.1 | IC-COND |
| Cadmium | EPA 200.7 | ICP-AES |
| Chlorate | EPA 300.1 | IC-COND |
| Chlorine (total residual) | SM 4500-Cl D | AMP |
| Chromium | EPA 200.8 | ICP-MS |
| Copper | EPA 200.7 | ICP-AES |
| Cyanide | EPA 335.4 | AUTO |
| Fluoride | EPA 300.0 | IC-COND |
| Hardness as $CaCO_3$ (total) | SM 2340B | OTHER |
| Magnesium | EPA 200.7 | ICP-AES |
| Mercury | EPA 200.8 | ICP-MS |
| Nickel | EPA 200.8 | ICP-MS |
| Nitrate-Nitrite as N | EPA 300.0 | IC-COND |
| Nitrite as N | EPA 353.2 | AUTO |
| Orthophosphate as P | EPA 365.1 | AUTO |
| Selenium | EPA 200.8 | ICP-MS |
| Silver | EPA 200.7 | ICP-AES |
| Sulfate | EPA 300.0 | IC-COND |
| Total Organic Carbon (TOC) | SM 5310B | TOC-IR |
| Zinc | EPA 200.7 | ICP-AES |

| Analyte | Method | Tech. |
|---|---|---|
| Aluminum | EPA 200.7 | ICP-AES |
| Arsenic | EPA 200.8 | ICP-MS |
| Beryllium | EPA 200.7 | ICP-AES |
| Bromide | EPA 300.0 | IC-COND |
| Cadmium | EPA 200.8 | ICP-MS |
| Chloride | EPA 300.0 | IC-COND |
| Chlorite | EPA 300.1 | IC-COND |
| Color | SM 2120B | OTHER |
| Copper | EPA 200.8 | ICP-MS |
| Dissolved Organic Carbon (DOC) | SM 5310B | TOC-IR |
| Hardness as $CaCO_3$ (calcium) | EPA 200.7 | ICP-AES |
| Iron | EPA 200.7 | ICP-AES |
| Manganese | EPA 200.7 | ICP-AES |
| Mercury | EPA 245.1 | CVAAS |
| Nitrate as N | EPA 300.0 | IC-COND |
| Nitrate-Nitrite as N | EPA 353.2 | AUTO |
| Odor | SM 2150B | OTHER |
| pH | SM 4500-$H^+$ B | ISE |
| Silica as $SiO_2$ | EPA 200.7 | ICP-AES |
| Silver | EPA 200.8 | ICP-MS |
| Surfactants-MBAS | SM 5540C | UV-VIS |
| Turbidity | EPA 180.1 | TURB |
| Zinc | EPA 200.8 | ICP-MS |

| Analyte | Method | Tech. |
|---|---|---|
| Aluminum | EPA 200.8 | ICP-MS |
| Barium | EPA 200.7 | ICP-AES |
| Beryllium | EPA 200.8 | ICP-MS |
| Bromide | EPA 300.1 | IC-COND |
| Calcium | EPA 200.7 | ICP-AES |
| Chlorine (free residual) | SM 4500-Cl D | AMP |
| Chromium | EPA 200.7 | ICP-AES |
| Conductivity | SM 2510B | COND |
| Corrosivity (Langlier Index) | SM 2330B | OTHER |
| Fluoride | EPA 300.0 | IC-COND |
| Hardness as $CaCO_3$ (calcium) | SM 2340B | OTHER |
| Lead | EPA 200.8 | ICP-MS |
| Manganese | EPA 200.8 | ICP-MS |
| Nickel | EPA 200.7 | ICP-AES |
| Nitrate as N | EPA 353.2 | AUTO |
| Nitrite as N | EPA 300.0 | IC-COND |
| Orthophosphate as P | EPA 300.0 | IC-COND |
| Potassium | EPA 200.7 | ICP-AES |
| Silica as $SiO_2$ | SM 4500-Si D | UV-VIS |
| Sodium | EPA 200.7 | ICP-AES |
| Thallium | EPA 200.8 | ICP-MS |
| UV254 | SM 5910B | UV/VIS |

# Organic Parameters

| Analyte | Method | Tech. | Analyte | Method | Tech. | Analyte | Method | Tech. |
|---|---|---|---|---|---|---|---|---|
| 1,1,1,2-Tetrachloroethane | EPA 524.2 | GC-MS | 1,1,1-Trichloroethane | EPA 524.2 | GC-MS | 1,1,2,2-Tetrachloroethane | EPA 524.2 | GC-MS |
| 1,1,2-Trichloroethane | EPA 524.2 | GC-MS | 1,1-Dichloroethane | EPA 524.2 | GC-MS | 1,1-Dichloroethylene | EPA 524.2 | GC-MS |
| 1,1-Dichloropropene | EPA 524.2 | GC-MS | 1,2,3-Trichlorobenzene | EPA 524.2 | GC-MS | 1,2,3-Trichloropropane | EPA 504.1 | GC-ECD |
| 1,2,3-Trichloropropane | EPA 524.2 | GC-MS | 1,2,4-Trichlorobenzene | EPA 524.2 | GC-MS | 1,2,4-Trimethylbenzene | EPA 524.2 | GC-MS |
| 1,2-Dibromo-3-chloropropane (DBCF | EPA 504.1 | GC-ECD | 1,2-Dibromoethane (EDB) | EPA 504.1 | GC-ECD | 1,2-Dichlorobenzene | EPA 524.2 | GC-MS |
| 1,2-Dichloroethane | EPA 524.2 | GC-MS | 1,2-Dichloropropane | EPA 524.2 | GC-MS | 1,3,5-Trimethylbenzene | EPA 524.2 | GC-MS |
| 1,3-Dichlorobenzene | EPA 524.2 | GC-MS | 1,3-Dichloropropane | EPA 524.2 | GC-MS | 1,4-Dichlorobenzene | EPA 524.2 | GC-MS |
| 2,2-Dichloropropane | EPA 524.2 | GC-MS | 2,4-D | EPA 515.3 | GC-ECD | 2-Chlorotoluene | EPA 524.2 | GC-MS |
| 3-Hydroxycarbofuran | EPA 531.1 | HPLC-FLUOR | 4-Chlorotoluene | EPA 524.2 | GC-MS | 4-Isopropyltoluene | EPA 524.2 | GC-MS |
| Alachlor | EPA 508.1 | GC-ECD | Aldicarb | EPA 531.1 | HPLC-FLUOR | Aldicarb Sulfone | EPA 531.1 | HPLC-FLUOR |
| Aldicarb Sulfoxide | EPA 531.1 | HPLC-FLUOR | Aldrin | EPA 525.2 | GC-MS | Atrazine | EPA 508.1 | GC-ECD |
| Bentazon | EPA 515.3 | GC-ECD | Benzene | EPA 524.2 | GC-MS | Benzo(a)pyrene (PAHs) | EPA 525.2 | GC-MS |
| Bis(2-ethylhexyl) phthalate | EPA 525.2 | GC-MS | Bromoacetic Acid | EPA 552.2 | GC-ECD | Bromobenzene | EPA 524.2 | GC-MS |
| Bromochloroacetic Acid | EPA 552.2 | GC-ECD | Bromochloromethane | EPA 524.2 | GC-MS | Bromodichloromethane | EPA 524.2 | GC-MS |
| Bromoform | EPA 524.2 | GC-MS | Butachlor | EPA 508.1 | GC-ECD | Butachlor | EPA 525.2 | GC-MS |
| Carbaryl | EPA 531.1 | HPLC-FLUOR | Carbofuran | EPA 531.1 | HPLC-FLUOR | Carbon Tetrachloride | EPA 524.2 | GC-MS |
| Chlordane (tech.) | EPA 508.1 | GC-ECD | Chloroacetic Acid | EPA 552.2 | GC-ECD | Chlorobenzene | EPA 524.2 | GC-MS |
| Chloroethane | EPA 524.2 | GC-MS | Chloroform | EPA 524.2 | GC-MS | cis-1,2-Dichloroethylene | EPA 524.2 | GC-MS |
| cis-1,3-Dichloropropene | EPA 524.2 | GC-MS | Dalapon | EPA 515.3 | GC-ECD | Dalapon | EPA 552.2 | GC-ECD |
| Di(2-ethylhexyl) Adipate | EPA 525.2 | GC-MS | Dibromoacetic Acid | EPA 552.2 | GC-ECD | Dibromochloromethane | EPA 524.2 | GC-MS |
| Dibromomethane | EPA 524.2 | GC-MS | Dicamba | EPA 515.3 | GC-ECD | Dichloroacetic Acid | EPA 552.2 | GC-ECD |
| Dichlorodifluoromethane | EPA 524.2 | GC-MS | Dichloromethane | EPA 524.2 | GC-MS | Dieldrin | EPA 508.1 | GC-ECD |
| Dieldrin | EPA 525.2 | GC-MS | Dinoseb | EPA 515.3 | GC-ECD | Diquat | EPA 549.2 | HPLC-UV |
| Endothall | EPA 548.1 | GC-MS | Endrin | EPA 508.1 | GC-ECD | Ethylbenzene | EPA 524.2 | GC-MS |
| gamma-BHC (Lindane) | EPA 508.1 | GC-ECD | Glyphosate | EPA 547 | HPLC-FLUOR | Heptachlor | EPA 508.1 | GC-ECD |
| Heptachlor Epoxide | EPA 508.1 | GC-ECD | Hexachlorobenzene | EPA 508.1 | GC-ECD | Hexachlorobutadiene | EPA 524.2 | GC-MS |
| Hexachlorocyclopentadiene | EPA 508.1 | GC-ECD | Isopropylbenzene | EPA 524.2 | GC-MS | Methiocarb | EPA 531.1 | HPLC-FLUOR |
| Methomyl | EPA 531.1 | HPLC-FLUOR | Methoxychlor | EPA 508.1 | GC-ECD | Methyl Bromide (Bromomethane) | EPA 524.2 | GC-MS |
| Methyl Chloride (Chloromethane) | EPA 524.2 | GC-MS | Methyl tert-butyl Ether (MTBE) | EPA 524.2 | GC-MS | Metolachlor | EPA 508.1 | GC-ECD |
| Metolachlor | EPA 525.2 | GC-MS | Metribuzin | EPA 508.1 | GC-ECD | Metribuzin | EPA 525.2 | GC-MS |
| Naphthalene | EPA 524.2 | GC-MS | n-Butylbenzene | EPA 524.2 | GC-MS | n-Propylbenzene | EPA 524.2 | GC-MS |
| Oxamyl | EPA 531.1 | HPLC-FLUOR | PCBs as Aroclors (screen) | EPA 508.1 | GC-ECD | Pentachlorophenol | EPA 515.3 | GC-ECD |
| Picloram | EPA 515.3 | GC-ECD | Propachlor | EPA 508.1 | GC-ECD | Propachlor | EPA 525.2 | GC-MS |
| sec-Butylbenzene | EPA 524.2 | GC-MS | Silvex (2,4,5-TP) | EPA 515.3 | GC-ECD | Simazine | EPA 508.1 | GC-ECD |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Styrene | EPA 524.2 | GC-MS | tert-Butylbenzene | EPA 524.2 | GC-MS | Tetrachloroethylene | EPA 524.2 | GC-MS |
| Toluene | EPA 524.2 | GC-MS | Total Haloacetic Acids (HAA5) | EPA 552.2 | GC-ECD | Total Trihalomethanes (THMs) | EPA 524.2 | GC-MS |
| Toxaphene | EPA 508.1 | GC-ECD | trans-1,2-Dichloroethylene | EPA 524.2 | GC-MS | trans-1,3-Dichloropropene | EPA 524.2 | GC-MS |
| Trichloroacetic Acid | EPA 552.1 | GC-ECD | Trichloroethylene | EPA 524.2 | GC-MS | Trichlorofluoromethane | EPA 524.2 | GC-MS |
| Trifluralin | EPA 525.2 | GC-MS | Vinyl Chloride | EPA 524.2 | GC-MS | Xylenes (total) | EPA 524.2 | GC-MS |

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**EPA Laboratory #: MN00064**
**TNI Laboratory #: TNI00223**

**LADHH Secondary AB (TNI-NELAP)**

**Certificate Number: LA140001** **Issue Date: 01-01-2014** **Expiration Date: 12-31-2014**

## Inorganic Parameters

| Analyte | Method | Tech. | Analyte | Method | Tech. | Analyte | Method | Tech. |
|---|---|---|---|---|---|---|---|---|
| Aluminum | EPA 200.8 | ICP-MS | Antimony | EPA 200.8 | ICP-MS | Arsenic | EPA 200.8 | ICP-MS |
| Barium | EPA 200.8 | ICP-MS | Beryllium | EPA 200.8 | ICP-MS | Cadmium | EPA 200.8 | ICP-MS |
| Chloride | EPA 300.0 | IC-COND | Chromium | EPA 200.8 | ICP-MS | Copper | EPA 200.8 | ICP-MS |
| Fluoride | EPA 300.0 | IC-COND | Hardness as $CaCO_3$ (total) | SM 2340B | OTHER | Lead | EPA 200.8 | ICP-MS |
| Manganese | EPA 200.8 | ICP-MS | Mercury | EPA 200.8 | ICP-MS | Mercury | EPA 245.1 | CVAAS |
| Nickel | EPA 200.8 | ICP-MS | Nitrate as N | EPA 300.0 | IC-COND | Nitrite as N | EPA 300.0 | IC-COND |
| Selenium | EPA 200.8 | ICP-MS | Silver | EPA 200.8 | ICP-MS | Sulfate | EPA 300.0 | IC-COND |
| Thallium | EPA 200.8 | ICP-MS | Zinc | EPA 200.8 | ICP-MS | | | |

## Organic Parameters

| Analyte | Method | Tech. | Analyte | Method | Tech. | Analyte | Method | Tech. |
|---|---|---|---|---|---|---|---|---|
| 1,1,1,2-Tetrachloroethane | EPA 524.2 | GC-MS | 1,1,1-Trichloroethane | EPA 524.2 | GC-MS | 1,1,2,2-Tetrachloroethane | EPA 524.2 | GC-MS |
| 1,1,2-Trichloroethane | EPA 524.2 | GC-MS | 1,1-Dichloroethane | EPA 524.2 | GC-MS | 1,1-Dichloroethylene | EPA 524.2 | GC-MS |
| 1,1-Dichloropropene | EPA 524.2 | GC-MS | 1,2,3-Trichlorobenzene | EPA 524.2 | GC-MS | 1,2,3-Trichloropropane | EPA 524.2 | GC-MS |
| 1,2,4-Trichlorobenzene | EPA 524.2 | GC-MS | 1,2,4-Trimethylbenzene | EPA 524.2 | GC-MS | 1,2-Dichlorobenzene | EPA 524.2 | GC-MS |
| 1,2-Dichloroethane | EPA 524.2 | GC-MS | 1,2-Dichloropropane | EPA 524.2 | GC-MS | 1,3-Dichlorobenzene | EPA 524.2 | GC-MS |
| 1,4-Dichlorobenzene | EPA 524.2 | GC-MS | 2,2-Dichloropropane | EPA 524.2 | GC-MS | 2,3,7,8-TCDD (Dioxin) | EPA 1613 | GC-HRMS |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 2-Chlorotoluene | EPA 524.2 | GC-MS | 4-Chlorotoluene | EPA 524.2 | GC-MS | Benzene | EPA 524.2 | GC-MS |
| Bromobenzene | EPA 524.2 | GC-MS | Bromochloromethane | EPA 524.2 | GC-MS | Bromodichloromethane | EPA 524.2 | GC-MS |
| Bromoform | EPA 524.2 | GC-MS | Carbon Tetrachloride | EPA 524.2 | GC-MS | Chlorobenzene | EPA 524.2 | GC-MS |
| Chloroethane | EPA 524.2 | GC-MS | Chloroform | EPA 524.2 | GC-MS | cis-1,2-Dichloroethylene | EPA 524.2 | GC-MS |
| cis-1,3-Dichloropropene | EPA 524.2 | GC-MS | Dibromochloromethane | EPA 524.2 | GC-MS | Dibromomethane | EPA 524.2 | GC-MS |
| Dichlorodifluoromethane | EPA 524.2 | GC-MS | Dichloromethane | EPA 524.2 | GC-MS | Ethylbenzene | EPA 524.2 | GC-MS |
| Hexachlorobutadiene | EPA 524.2 | GC-MS | Isopropylbenzene | EPA 524.2 | GC-MS | Methyl Bromide (Bromomethane) | EPA 524.2 | GC-MS |
| Methyl Chloride (Chloromethane) | EPA 524.2 | GC-MS | Methyl tert-butyl Ether (MTBE) | EPA 524.2 | GC-MS | Naphthalene | EPA 524.2 | GC-MS |
| n-Butylbenzene | EPA 524.2 | GC-MS | n-Propylbenzene | EPA 524.2 | GC-MS | sec-Butylbenzene | EPA 524.2 | GC-MS |
| Styrene | EPA 524.2 | GC-MS | tert-Butylbenzene | EPA 524.2 | GC-MS | Tetrachloroethylene | EPA 524.2 | GC-MS |
| Toluene | EPA 524.2 | GC-MS | Total Trihalomethanes (THMs) | EPA 524.2 | GC-MS | trans-1,2-Dichloroethylene | EPA 524.2 | GC-MS |
| trans-1,3-Dichloropropene | EPA 524.2 | GC-MS | Trichloroethylene | EPA 524.2 | GC-MS | Trichlorofluoromethane | EPA 524.2 | GC-MS |
| Vinyl Chloride | EPA 524.2 | GC-MS | Xylenes (total) | EPA 524.2 | GC-MS | | | |

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**EPA Laboratory #: PA01457**
**TNI Laboratory #: TNI02141**

**LADHH Secondary AB (TNI-NELAP)**

**Certificate Number: LA140008** **Issue Date: 01-01-2014** **Expiration Date: 12-31-2014**

## Radiological Parameters

| Analyte | Method | Tech. | Analyte | Method | Tech. | Analyte | Method | Tech. |
|---|---|---|---|---|---|---|---|---|
| Gamma Emitters | EPA 901.1 | GS-HR | Gross Alpha | EPA 900.0 | PC | Gross Alpha | SM 7110C | PC |
| Gross Beta | EPA 900.0 | PC | Radium-226 | EPA 903.0 | PC | Radium-226 | EPA 903.1 | ASC |
| Radium-228 | EPA 904.0 | PC | Radon-222 | SM 7500-Rn B | | Strontium-90 | EPA 905.0 | PC |
| Total Alpha Radium | EPA 903.0 | PC | Tritium | EPA 906.0 | | Uranium (nat) | ASTM D5174-97 | LP |
| Uranium (nat) | EPA 908.0 | PC | | | | | | |

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**TNI Laboratory #: TNI00583**

**LADHH Secondary AB (TNI-NELAP)**

**Certificate Number: LA140016**

**Issue Date: 01-01-2014**

**Expiration Date: 12-31-2014**

## Inorganic Parameters

| Analyte | Method | Tech. |
|---|---|---|
| Alkalinity as CaCO3 | SM2320B | TITR |
| Antimony | EPA 200.8 | ICP-MS |
| Barium | EPA 200.8 | ICP-MS |
| Boron | EPA 200.7 | ICP-AES |
| Bromide | EPA 300.1 | IC-COND |
| Calcium | EPA 200.7 | ICP-AES |
| Chlorine (free residual) | SM 4500-Cl G | UV-VIS |
| Chromium | EPA 200.7 | ICP-AES |
| Conductivity | SM 2510B | COND |
| Corrosivity (Langlier Index) | SM 2330B | OTHER |
| Fluoride | EPA 300.0 | IC-COND |
| Iron | EPA 200.7 | ICP-AES |
| Manganese | EPA 200.7 | ICP-AES |
| Molybdenum | EPA 200.7 | ICP-AES |
| Nickel | EPA 200.8 | ICP-MS |
| Nitrite as N | EPA 300.0 | IC-COND |
| Perchlorate | EPA 314.0 | IC-COND |
| Selenium | EPA 200.8 | ICP-MS |
| Silver | EPA 200.8 | ICP-MS |
| Surfactants-MBAS | SM 5540C | UV-VIS |
| Turbidity | EPA 180.1 | TURB |
| Zinc | EPA 200.7 | ICP-AES |

| Analyte | Method | Tech. |
|---|---|---|
| Aluminum | EPA 200.7 | ICP-AES |
| Arsenic | EPA 200.8 | ICP-MS |
| Beryllium | EPA 200.7 | ICP-AES |
| Bromate | EPA 300.1 | IC-COND |
| Cadmium | EPA 200.7 | ICP-AES |
| Chlorate | EPA 300.1 | IC-COND |
| Chlorine (total residual) | SM 4500-Cl G | UV-VIS |
| Chromium | EPA 200.8 | ICP-MS |
| Copper | EPA 200.7 | ICP-AES |
| Cyanide | SM 4500-$CN^-$ E | UV-VIS |
| Hardness as $CaCO_3$ (calcium) | SM 2340B | OTHER |
| Lead | EPA 200.8 | ICP-MS |
| Manganese | EPA 200.8 | ICP-MS |
| Molybdenum | EPA 200.8 | ICP-MS |
| Nitrate as N | EPA 300.0 | IC-COND |
| Odor | SM 2150B | OTHER |
| pH | SM 4500-$H^+$ B | ISE |
| Silica as $SiO_2$ | EPA 200.7 | ICP-AES |
| Sodium | EPA 200.7 | ICP-AES |
| Thallium | EPA 200.8 | ICP-MS |
| Vanadium | EPA 200.7 | ICP-AES |
| Zinc | EPA 200.8 | ICP-MS |

| Analyte | Method | Tech. |
|---|---|---|
| Aluminum | EPA 200.8 | ICP-MS |
| Barium | EPA 200.7 | ICP-AES |
| Beryllium | EPA 200.8 | ICP-MS |
| Bromide | EPA 300.0 | IC-COND |
| Cadmium | EPA 200.8 | ICP-MS |
| Chloride | EPA 300.0 | IC-COND |
| Chlorite | EPA 300.1 | IC-COND |
| Color | SM 2120B | OTHER |
| Copper | EPA 200.8 | ICP-MS |
| Cyanide (amenable) | SM 4500-$CN^-$ G | OTHER |
| Hardness as $CaCO_3$ (total) | SM 2340B | OTHER |
| Magnesium | EPA 200.7 | ICP-AES |
| Mercury | EPA 245.1 | CVAAS |
| Nickel | EPA 200.7 | ICP-AES |
| Nitrate-Nitrite as N | EPA 300.0 | IC-COND |
| Orthophosphate as P | EPA 300.0 | IC-COND |
| Potassium | EPA 200.7 | ICP-AES |
| Silver | EPA 200.7 | ICP-AES |
| Sulfate | EPA 300.0 | IC-COND |
| Total Organic Carbon (TOC) | SM 5310B | TOC-IR |
| Vanadium | EPA 200.8 | ICP-MS |

# Organic Parameters

| Analyte | Method | Tech. | Analyte | Method | Tech. | Analyte | Method | Tech. |
|---|---|---|---|---|---|---|---|---|
| 1,1,1,2-Tetrachloroethane | EPA 524.2 | GC-MS | 1,1,2,2-Tetrachloroethane | EPA 524.2 | GC-MS | 1,1,2-Trichloroethane | EPA 524.2 | GC-MS |
| 1,1-Dichloroethane | EPA 524.2 | GC-MS | 1,1-Dichloroethylene | EPA 524.2 | GC-MS | 1,1-Dichloropropene | EPA 524.2 | GC-MS |
| 1,2,3-Trichlorobenzene | EPA 524.2 | GC-MS | 1,2,3-Trichloropropane | EPA 524.2 | GC-MS | 1,2,4-Trichlorobenzene | EPA 524.2 | GC-MS |
| 1,2,4-Trimethylbenzene | EPA 524.2 | GC-MS | 1,2-Dibromo-3-chloropropane (DB | EPA 504.1 | GC-ECD | 1,2-Dibromoethane (EDB) | EPA 504.1 | GC-ECD |
| 1,2-Dichlorobenzene | EPA 524.2 | GC-MS | 1,2-Dichloroethane | EPA 524.2 | GC-MS | 1,2-Dichloropropane | EPA 524.2 | GC-MS |
| 1,3,5-Trimethylbenzene | EPA 524.2 | GC-MS | 1,3-Dichlorobenzene | EPA 524.2 | GC-MS | 1,4-Dichlorobenzene | EPA 524.2 | GC-MS |
| 2,2-Dichloropropane | EPA 524.2 | GC-MS | 2,3,7,8-TCDD (Dioxin) | EPA 1613 | GC-HRMS | 2,4-D | EPA 515.1 | GC-ECD |
| 2-Chlorotoluene | EPA 524.2 | GC-MS | 3-Hydroxycarbofuran | EPA 531.2 | HPLC-FLUOR | 4-Chlorotoluene | EPA 524.2 | GC-MS |
| 4-Isopropyltoluene | EPA 524.2 | GC-MS | Alachlor | EPA 525.2 | GC-MS | Aldicarb | EPA 531.2 | HPLC-FLUOR |
| Aldicarb Sulfone | EPA 531.2 | HPLC-FLUOR | Aldicarb Sulfoxide | EPA 531.2 | HPLC-FLUOR | Aldrin | EPA 508 | GC-ECD |
| Aldrin | EPA 525.2 | GC-MS | Atrazine | EPA 525.2 | GC-MS | Benzene | EPA 524.2 | GC-MS |
| Benzo(a)pyrene (PAHs) | EPA 525.2 | GC-MS | Bis(2-ethylhexyl) phthalate | EPA 525.2 | GC-MS | Bromoacetic Acid | EPA 552.2 | GC-ECD |
| Bromobenzene | EPA 524.2 | GC-MS | Bromochloroacetic Acid | EPA 552.2 | GC-ECD | Bromochloromethane | EPA 524.2 | GC-MS |
| Bromodichloromethane | EPA 524.2 | GC-MS | Bromoform | EPA 524.2 | GC-MS | Butachlor | EPA 525.2 | GC-MS |
| Carbaryl | EPA 531.2 | HPLC-FLUOR | Carbofuran | EPA 531.2 | HPLC-FLUOR | Carbon Tetrachloride | EPA 524.2 | GC-MS |
| Chlordane (tech.) | EPA 508 | GC-ECD | Chlordane (tech.) | EPA 525.2 | GC-MS | Chloroacetic Acid | EPA 552.2 | GC-ECD |
| Chlorobenzene | EPA 524.2 | GC-MS | Chloroform | EPA 524.2 | GC-MS | cis-1,2-Dichloroethylene | EPA 524.2 | GC-MS |
| cis-1,3-Dichloropropene | EPA 524.2 | GC-MS | Dalapon | EPA 515.1 | GC-ECD | Di(2-ethylhexyl) Adipate | EPA 525.2 | GC-MS |
| Dibromoacetic Acid | EPA 552.2 | GC-ECD | Dibromochloromethane | EPA 524.2 | GC-MS | Dibromomethane | EPA 524.2 | GC-MS |
| Dicamba | EPA 515.1 | GC-ECD | Dichloroacetic Acid | EPA 552.2 | GC-ECD | Dichlorodifluoromethane | EPA 524.2 | GC-MS |
| Dichloromethane | EPA 524.2 | GC-MS | Dieldrin | EPA 508 | GC-ECD | Dinoseb | EPA 515.1 | GC-ECD |
| Diquat | EPA 549.2 | HPLC-UV | Endothall | EPA 548.1 | GC-MS | Endrin | EPA 508 | GC-ECD |
| Ethylbenzene | EPA 524.2 | GC-MS | gamma-BHC (Lindane) | EPA 508 | GC-ECD | Glyphosate | EPA 547 | HPLC-FLUOR |
| Heptachlor | EPA 508 | GC-ECD | Heptachlor Epoxide | EPA 508 | GC-ECD | Hexachlorobenzene | EPA 525.2 | GC-MS |
| Hexachlorocyclopentadiene | EPA 525.2 | GC-MS | Isopropylbenzene | EPA 524.2 | GC-MS | Methiocarb | EPA 531.2 | HPLC-FLUOR |
| Methomyl | EPA 531.2 | HPLC-FLUOR | Methoxychlor | EPA 508 | GC-ECD | Methyl Bromide (Bromomethane) | EPA 524.2 | GC-MS |
| Methyl Chloride (Chloromethane) | EPA 524.2 | GC-MS | Methyl tert-butyl Ether (MTBE) | EPA 524.2 | GC-MS | Metolachlor | EPA 525.2 | GC-MS |
| Metribuzin | EPA 525.2 | GC-MS | Molinate | EPA 525.2 | GC-MS | Naphthalene | EPA 524.2 | GC-MS |
| n-Butylbenzene | EPA 524.2 | GC-MS | n-Propylbenzene | EPA 524.2 | GC-MS | Oxamyl | EPA 531.2 | HPLC-FLUOR |
| PCBs as Aroclors (screen) | EPA 508 | GC-ECD | Pentachlorophenol | EPA 515.1 | GC-ECD | Pentachlorophenol | EPA 525.2 | GC-MS |
| Picloram | EPA 515.1 | GC-ECD | Propachlor | EPA 525.2 | GC-MS | Propoxur (Baygon) | EPA 531.2 | HPLC-FLUOR |
| sec-Butylbenzene | EPA 524.2 | GC-MS | Silvex (2,4,5-TP) | EPA 515.1 | GC-ECD | Simazine | EPA 525.2 | GC-MS |
| Styrene | EPA 524.2 | GC-MS | tert-Butylbenzene | EPA 524.2 | GC-MS | Tetrachloroethylene | EPA 524.2 | GC-MS |
| Toluene | EPA 524.2 | GC-MS | Total Haloacetic Acids (HAA5) | EPA 552.2 | GC-ECD | Total Trihalomethanes (THMs) | EPA 524.2 | GC-MS |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Toxaphene | EPA 508 | GC-ECD | trans-1,2-Dichloroethylene | EPA 524.2 | GC-MS | Trichloroacetic Acid | EPA 552.2 | GC-ECD |
| Trichloroethylene | EPA 524.2 | GC-MS | Trichlorofluoromethane | EPA 524.2 | GC-MS | Vinyl Chloride | EPA 524.2 | GC-MS |
| Xylenes (total) | EPA 524.2 | GC-MS | | | | | | |

## Radiological Parameters

| Analyte | Method | Tech. | Analyte | Method | Tech. | Analyte | Method | Tech. |
|---|---|---|---|---|---|---|---|---|
| Gross Alpha | EPA 900.0 | PC | Gross Alpha | SM 7110C | PC | Gross Beta | EPA 900.0 | PC |
| Radium-226 | EPA 903.0 | PC | Radium-228 | EPA 904.0 | PC | Uranium (nat) | EPA 200.8 | ICP-MS |
| Uranium (nat) | EPA 908.0 | PC | | | | | | |

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**EPA Laboratory #: TN00009**
**TNI Laboratory #: TNI00189**

**LADHH Secondary AB (TNI-NELAP)**

**Certificate Number: LA140014** **Issue Date: 01-01-2014** **Expiration Date: 12-31-2014**

## Organic Parameters

| Analyte | Method | Tech. | Analyte | Method | Tech. | Analyte | Method | Tech. |
|---|---|---|---|---|---|---|---|---|
| 2,3,7,8-TCDD (Dioxin) | EPA 1613 | GC-HRMS | | | | | | |

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**EPA Laboratory #: GA00006**
**TNI Laboratory #: TNI00593**

**LADHH Secondary AB (TNI-NELAP)**

**Certificate Number: LA140023** **Issue Date: 01-01-2014** **Expiration Date: 12-31-2014**

## Inorganic Parameters

| Analyte | Method | Tech. | Analyte | Method | Tech. | Analyte | Method | Tech. |
|---|---|---|---|---|---|---|---|---|
| Alkalinity as CaCO3 | SM2320B | TITR | Aluminum | EPA 200.7 | ICP-AES | Aluminum | EPA 200.8 | ICP-MS |
| Antimony | EPA 200.8 | ICP-MS | Arsenic | EPA 200.8 | ICP-MS | Barium | EPA 200.7 | ICP-AES |
| Barium | EPA 200.8 | ICP-MS | Beryllium | EPA 200.7 | ICP-AES | Beryllium | EPA 200.8 | ICP-MS |
| Boron | EPA 200.7 | ICP-AES | Bromate | EPA 300.1 | IC-COND | Bromide | EPA 300.1 | IC-COND |
| Cadmium | EPA 200.7 | ICP-AES | Cadmium | EPA 200.8 | ICP-MS | Calcium | EPA 200.7 | ICP-AES |
| Chlorate | EPA 300.1 | IC-COND | Chloride | EPA 300.0 | IC-COND | Chloride | EPA 325.2 | AUTO |
| Chlorite | EPA 300.1 | IC-COND | Chromium | EPA 200.7 | ICP-AES | Chromium | EPA 200.8 | ICP-MS |
| Color | EPA 110.2 | OTHER | Color | SM 2120B | OTHER | Conductivity | SM 2510B | COND |
| Copper | EPA 200.7 | ICP-AES | Copper | EPA 200.8 | ICP-MS | Corrosivity (Langlier Index) | SM 2330B | OTHER |
| Cyanide | EPA 335.4 | AUTO | Cyanide | SM 4500-$CN^-$ E | UV-VIS | Cyanide (amenable) | SM 4500-$CN^-$ G | OTHER |
| Dissolved Organic Carbon (DOC) | SM 5310B | TOC-IR | Fluoride | EPA 300.0 | IC-COND | Hardness as $CaCO_3$ (total) | EPA 130.2 | TITR |
| Hardness as $CaCO_3$ (total) | SM 2340B | OTHER | Hardness as $CaCO_3$ (total) | SM 2340C | TITR | Iron | EPA 200.7 | ICP-AES |
| Lead | EPA 200.8 | ICP-MS | Magnesium | EPA 200.7 | ICP-AES | Manganese | EPA 200.7 | ICP-AES |
| Manganese | EPA 200.8 | ICP-MS | Mercury | EPA 200.8 | ICP-MS | Mercury | EPA 245.1 | CVAAS |
| Molybdenum | EPA 200.7 | ICP-AES | Molybdenum | EPA 200.8 | ICP-MS | Nickel | EPA 200.7 | ICP-AES |
| Nickel | EPA 200.8 | ICP-MS | Nitrate as N | EPA 300.0 | IC-COND | Nitrate as N | EPA 353.2 | AUTO |
| Nitrate-Nitrite as N | EPA 300.0 | IC-COND | Nitrate-Nitrite as N | EPA 353.2 | AUTO | Nitrite as N | EPA 300.0 | IC-COND |
| Nitrite as N | EPA 353.2 | AUTO | Odor | EPA 140.1 | OTHER | Odor | SM 2150B | OTHER |
| Orthophosphate as P | EPA 365.1 | AUTO | Orthophosphate as P | SM 4500-P F | AUTO | pH | EPA 150.1 | ISE |
| pH | SM 4500-$H^+$ B | ISE | Potassium | EPA 200.7 | ICP-AES | Residue-Filterable (TDS) | EPA 160.1 | GRAV |
| Residue-Filterable (TDS) | SM 2540C | GRAV | Selenium | EPA 200.8 | ICP-MS | Silica as $SiO_2$ | EPA 200.7 | ICP-AES |
| Silver | EPA 200.7 | ICP-AES | Silver | EPA 200.8 | ICP-MS | Sodium | EPA 200.7 | ICP-AES |
| Sulfate | EPA 300.0 | IC-COND | Surfactants-MBAS | EPA 425.1 | UV-VIS | Surfactants-MBAS | SM 5540C | UV-VIS |
| Thallium | EPA 200.8 | ICP-MS | Total Organic Carbon (TOC) | SM 5310B | TOC-IR | Turbidity | EPA 180.1 | TURB |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Turbidity | SM 2130B | TURB | UV254 | SM 5910B | UV/VIS | Vanadium | EPA 200.7 | ICP-AES |
| Vanadium | EPA 200.8 | ICP-MS | Zinc | EPA 200.7 | ICP-AES | Zinc | EPA 200.8 | ICP-MS |

## Organic Parameters

| Analyte | Method | Tech. | Analyte | Method | Tech. | Analyte | Method | Tech. |
|---|---|---|---|---|---|---|---|---|
| 1,1,1,2-Tetrachloroethane | EPA 524.2 | GC-MS | 1,1,1-Trichloroethane | EPA 524.2 | GC-MS | 1,1,2,2-Tetrachloroethane | EPA 524.2 | GC-MS |
| 1,1,2-Trichloroethane | EPA 524.2 | GC-MS | 1,1-Dichloroethane | EPA 524.2 | GC-MS | 1,1-Dichloroethylene | EPA 524.2 | GC-MS |
| 1,1-Dichloropropene | EPA 524.2 | GC-MS | 1,2,3-Trichlorobenzene | EPA 524.2 | GC-MS | 1,2,3-Trichloropropane | EPA 504.1 | GC-ECD |
| 1,2,3-Trichloropropane | EPA 524.2 | GC-MS | 1,2,4-Trichlorobenzene | EPA 524.2 | GC-MS | 1,2,4-Trimethylbenzene | EPA 524.2 | GC-MS |
| 1,2-Dibromo-3-chloropropane (DBCF | EPA 504.1 | GC-ECD | 1,2-Dibromoethane (EDB) | EPA 504.1 | GC-ECD | 1,2-Dichlorobenzene | EPA 524.2 | GC-MS |
| 1,2-Dichloroethane | EPA 524.2 | GC-MS | 1,2-Dichloropropane | EPA 524.2 | GC-MS | 1,3,5-Trimethylbenzene | EPA 524.2 | GC-MS |
| 1,3-Dichlorobenzene | EPA 524.2 | GC-MS | 1,3-Dichloropropane | EPA 524.2 | GC-MS | 1,4-Dichlorobenzene | EPA 524.2 | GC-MS |
| 2,2-Dichloropropane | EPA 524.2 | GC-MS | 2,4-D | EPA 515.1 | GC-ECD | 2-Chlorotoluene | EPA 524.2 | GC-MS |
| 3-Hydroxycarbofuran | EPA 531.1 | HPLC-FLUOR | 4-Chlorotoluene | EPA 524.2 | GC-MS | 4-Isopropyltoluene | EPA 524.2 | GC-MS |
| Alachlor | EPA 525.2 | GC-MS | Aldicarb | EPA 531.1 | HPLC-FLUOR | Aldicarb Sulfone | EPA 531.1 | HPLC-FLUOR |
| Aldicarb Sulfoxide | EPA 531.1 | HPLC-FLUOR | Aldrin | EPA 508 | GC-ECD | Aldrin | EPA 525.2 | GC-MS |
| Atrazine | EPA 525.2 | GC-MS | Bentazon | EPA 515.1 | GC-ECD | Benzene | EPA 524.2 | GC-MS |
| Benzo(a)pyrene (PAHs) | EPA 525.2 | GC-MS | Bis(2-ethylhexyl) phthalate | EPA 525.2 | GC-MS | Bromoacetic Acid | EPA 552.2 | GC-ECD |
| Bromobenzene | EPA 524.2 | GC-MS | Bromochloromethane | EPA 524.2 | GC-MS | Bromodichloromethane | EPA 524.2 | GC-MS |
| Bromoform | EPA 524.2 | GC-MS | Butachlor | EPA 525.2 | GC-MS | Carbaryl | EPA 531.1 | HPLC-FLUOR |
| Carbofuran | EPA 531.1 | HPLC-FLUOR | Carbon Tetrachloride | EPA 524.2 | GC-MS | Chlordane (tech.) | EPA 508 | GC-ECD |
| Chloroacetic Acid | EPA 552.2 | GC-ECD | Chlorobenzene | EPA 524.2 | GC-MS | Chloroethane | EPA 524.2 | GC-MS |
| Chloroform | EPA 524.2 | GC-MS | cis-1,2-Dichloroethylene | EPA 524.2 | GC-MS | cis-1,2-Dichloropropene | EPA 524.2 | GC-MS |
| Dalapon | EPA 515.1 | GC-ECD | Di(2-ethylhexyl) Adipate | EPA 525.2 | GC-MS | Dibromoacetic Acid | EPA 552.2 | GC-ECD |
| Dibromochloromethane | EPA 524.2 | GC-MS | Dibromomethane | EPA 524.2 | GC-MS | Dicamba | EPA 515.1 | GC-ECD |
| Dichloroacetic Acid | EPA 552.2 | GC-ECD | Dichlorodifluoromethane | EPA 524.2 | GC-MS | Dichloromethane | EPA 524.2 | GC-MS |
| Dieldrin | EPA 508 | GC-ECD | Dieldrin | EPA 525.2 | GC-MS | Dinoseb | EPA 515.1 | GC-ECD |
| Diquat | EPA 549.2 | HPLC-UV | Endothall | EPA 548.1 | GC-MS | Endrin | EPA 508 | GC-ECD |
| Endrin | EPA 525.2 | GC-MS | Ethylbenzene | EPA 524.2 | GC-MS | gamma-BHC (Lindane) | EPA 508 | GC-ECD |
| gamma-BHC (Lindane) | EPA 525.2 | GC-MS | Glyphosate | EPA 547 | HPLC-FLUOR | Heptachlor | EPA 508 | GC-ECD |
| Heptachlor | EPA 525.2 | GC-MS | Heptachlor Epoxide | EPA 508 | GC-ECD | Heptachlor Epoxide | EPA 525.2 | GC-MS |
| Hexachlorobenzene | EPA 525.2 | GC-MS | Hexachlorocyclopentadiene | EPA 525.2 | GC-MS | Isopropylbenzene | EPA 524.2 | GC-MS |
| Methiocarb | EPA 531.1 | HPLC-FLUOR | Methomyl | EPA 531.1 | HPLC-FLUOR | Methoxychlor | EPA 508 | GC-ECD |
| Methoxychlor | EPA 525.2 | GC-MS | Methyl Bromide (Bromomethane) | EPA 524.2 | GC-MS | Methyl Chloride (Chloromethane) | EPA 524.2 | GC-MS |
| Methyl tert-butyl Ether (MTBE) | EPA 524.2 | GC-MS | Metolachlor | EPA 525.2 | GC-MS | Metribuzin | EPA 525.2 | GC-MS |
| Molinate | EPA 525.2 | GC-MS | Naphthalene | EPA 524.2 | GC-MS | n-Butylbenzene | EPA 524.2 | GC-MS |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| n-Propylbenzene | EPA 524.2 | GC-MS | Oxamyl | EPA 531.1 | HPLC-FLUOR | PCBs as Aroclors (screen) | EPA 508 | GC-ECD |
| Pentachlorophenol | EPA 515.1 | GC-ECD | Picloram | EPA 515.1 | GC-ECD | Propachlor | EPA 525.2 | GC-MS |
| Propoxur (Baygon) | EPA 531.1 | HPLC-FLUOR | sec-Butylbenzene | EPA 524.2 | GC-MS | Silvex (2,4,5-TP) | EPA 515.1 | GC-ECD |
| Simazine | EPA 525.2 | GC-MS | Styrene | EPA 524.2 | GC-MS | tert-Butylbenzene | EPA 524.2 | GC-MS |
| Tetrachloroethylene | EPA 524.2 | GC-MS | Toluene | EPA 524.2 | GC-MS | Total Haloacetic Acids (HAA5) | EPA 552.2 | GC-ECD |
| Total Trihalomethanes (THMs) | EPA 524.2 | GC-MS | Toxaphene | EPA 508 | GC-ECD | trans-1,2-Dichloroethylene | EPA 524.2 | GC-MS |
| trans-1,3-Dichloropropene | EPA 524.2 | GC-MS | Trichloroacetic Acid | EPA 552.2 | GC-ECD | Trichloroethylene | EPA 524.2 | GC-MS |
| Trichlorofluoromethane | EPA 524.2 | GC-MS | Trifluralin | EPA 525.2 | GC-MS | Vinyl Chloride | EPA 524.2 | GC-MS |
| Xylenes (total) | EPA 524.2 | GC-MS | | | | | | |

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**TNI Laboratory #: TNI00602**

**LADHH Secondary AB (TNI-NELAP)**

**Certificate Number: LA140007** **Issue Date: 01-01-2014** **Expiration Date: 12-31-2014**

## Radiological Parameters

| Analyte | Method | Tech. | Analyte | Method | Tech. | Analyte | Method | Tech. |
|---|---|---|---|---|---|---|---|---|
| Cesium-134 | EPA 901.1 | GS-HR | Cesium-137 | EPA 901.1 | GS-HR | Gross Alpha | EPA 900.0 | PC |
| Gross Beta | EPA 900.0 | PC | Radium-226 | EPA 903.0 | PC | Radium-228 | EPA 904.0 | PC |
| Strontium-90 | DOE Sr-02 | PC | Strontium-90 | EPA 905.0 | PC | Tritium | EPA 906.0 | LSC |

## CERTIFYING AGENCY

**Lousiana Department of Health and Hospitals**
**Office of Public Health -Laboratory Services**
**Laboratory Certification Program**
**3101 West Napoleon Ave.**
**Metairie, LA 70001**

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**AB = Accreditation Body**
**Tech = Technology**

**NELAP= National Environmental Laboratory Accreditation Program**
**TNI= The NELAC Institute**