2019 LIST OF LABORATORIES CERTIFIED BY LOUISIANA FOR DRINKING WATER ANALYSES – CHEMISTRY

Current as of January 30, 2019

Accurate Analytical Testing, LLC
30105 Beverly Road
Romulus, MI 48174
(734) 629-8161

Contact Person:
Robert Theys
btheys@accurate-test.biz

EPA Laboratory #: **MI01274**
TNI Laboratory #: **TNI02515**

Accepts Commercial Samples: YES
LDH Primary AB (TNI-NELAP)

Certificate Number: **LA001** **Effective Date: 01-01-2019** **Expiration Date: 12-31-2019**

Inorganic Parameters

Analyte	Method	Tech.	Analyte	Method	Tech.	Analyte	Method	Tech.
Copper	EPA 200.5	ICP-AES						
Lead	EPA 200.5	ICP-AES						

ALS Laboratory Group USA Corp
10450 Stancliff Road Suite 115
Houston, TX 77099
(281) 530-5656

Contact Person:
Erica Howard
erica.howard@alsglobal.com

EPA Laboratory #: **TX02693**
TNI Laboratory #: **TNI00037**

Accepts Commercial Samples: YES
LDH Secondary AB (TNI-NELAP)

Certificate Number: **LA028** **Effective Date: 01-01-2019** **Expiration Date: 12-31-2019**

Organic Parameters

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

American Water Central Laboratory
1115 South Illinois Street
Belleville, IL 62220
(618) 222-4053

Contact Person:
Bill Deckelmann
bill.deckelmann@amwater.com

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

Accepts Commercial Samples: YES
LDH Secondary AB (TNI-NELAP)

Certificate Number: **LA007** **Effective Date: 01-01-2019** **Expiration Date: 12-31-2019**

Inorganic Parameters

Analyte	Method	Tech.	Analyte	Method	Tech.	Analyte	Method	Tech.
Alkalinity as CaCO3	SM 2320 B	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	Chloride	EPA 300.0	IC-COND	Chlorite	EPA 300.1	IC-COND
Chromium	EPA 200.7	ICP-AES	Chromium (VI)	EPA 218.7	IC-UV	Color	SM 2120 B	OTHER
Conductivity	SM 2510 B	COND	Copper	EPA 200.8	ICP-MS	Corrosivity (Langlier Index)	SM 2330 B	OTHER
Cyanide	EPA 335.4	AUTO	Dissolved Organic Carbon (DOC)	SM 5310 C	TOC-FID	Fluoride	EPA 300.0	IC-COND
Hardness as $CaCO_3$ (calcium)	EPA 200.7	ICP-AES	Hardness as $CaCO_3$ (calcium)	SM 2340 B	OTHER	Hardness as $CaCO_3$ (total)	EPA 200.7	ICP-AES
Hardness as $CaCO_3$ (total)	SM 2340 B	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
Orthophosphate as P	EPA 300.0	IC-COND	Perchlorate	EPA 314.0	IC-COND	pH	SM 4500-H^+ B	ISE
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 Dissolved Solids (TDS)	SM 2540 C	GRAV	Total Organic Carbon (TOC)	SM 5310 C	TOC-FID	Turbidity	EPA 180.1	TURB
UV254	SM 5910 B	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

1,2,3-Trichloropropane	EPA 524.3	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
4,4'-DDE	EPA 525.2	GC-MS	4,4'-DDT	EPA 525.2	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 552.3	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
Dacthal (DCPA)	EPA 515.3	GC-ECD	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	Nitrobenzene	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	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						

Ana-Lab Corporation
2600 Dudley Road
Kilgore, TX 75662

Contact Person:
Tracey Varvel
tvarvel@ana-lab.com

(903) 984-0551

EPA Laboratory #: TX00063 | **Accepts Commercial Samples: YES**
TNI Laboratory #: TNI00014 | **LDH Secondary AB (TNI-NELAP)**

Certificate Number: LA026 | **Effective Date: 01-01-2019** | **Expiration Date: 12-31-2019**

Inorganic Parameters

Analyte	Method	Tech.	Analyte	Method	Tech.	Analyte	Method	Tech.
Alkalinity as CaCO3	SM 2320 B	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 200.8	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 (free residual)	SM 4500-Cl G	UV-VIS	Chlorine (total residual)	SM 4500-Cl F	TITR
Chlorine (total residual)	SM 4500-Cl G	UV-VIS	Chlorite	EPA 300.1	IC-COND	Chromium	EPA 200.8	ICP-MS
Conductivity	SM 2510 B	COND	Copper	EPA 200.7	ICP-AES	Copper	EPA 200.8	ICP-MS
Corrosivity (Langlier Index)	SM 2330 B	OTHER	Cyanide	SM 4500-CN^- E	UV-VIS	Cyanide (amenable)	SM 4500-CN^- G	OTHER
Dissolved Organic Carbon (DOC)	SM 5310 C	TOC-FID	Fluoride	EPA 300.0	IC-COND	Hardness as $CaCO_3$ (calcium)	SM 2340 B	OTHER
Hardness as $CaCO_3$ (total)	EPA 130.2	TITR	Hardness as $CaCO_3$ (total)	SM 2340 B	OTHER	Hardness as $CaCO_3$ (total)	SM 2340 C	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
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	Nitrite as N	EPA 300.0	IC-COND
Odor	SM 2150 B	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
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	SM 5540 C	UV-VIS	Temperature	SM 2550 B	OTHER	Thallium	EPA 200.8	ICP-MS
Total Dissolved Solids (TDS)	EPA 160.1	GRAV	Total Dissolved Solids (TDS)	SM 2540 C	GRAV	Total Organic Carbon (TOC)	SM 5310 C	TOC-FID
Total Suspended Solids (TSS)	SM 2540 D	GRAV	Turbidity	SM 2130 B	TURB	Uranium	EPA 200.8	ICP-MS
UV254	SM 5910 B	UV/VIS	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
1,2,3-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 515.1	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 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
Butyl benzyl phthalate	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
Diethyl phthalate	EPA 525.2	GC-MS	Dimethyl phthalate	EPA 525.2	GC-MS	Di-n-butyl phthalate	EPA 525.2	GC-MS
Dinoseb	EPA 515.1	GC-ECD	Ethylbenzene	EPA 524.2	GC-MS	Fluorene	EPA 525.2	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	Indeno(1,2,3-cd)pyrene	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
Pyrene	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	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			

ARS Aluet Analytical, LLC
2609 North River Road

Port Allen, LA 70767

(225) 381-2991

Contact Person:
Keith Greene

kgreene@aaanalytical.com

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

Accepts Commercial Samples: YES
LDH Primary AB (TNI-NELAP)

Certificate Number: **LA022** **Effective Date: 01-01-2019** **Expiration Date: 12-31-2019**

Inorganic Parameters

Analyte	Method	Tech.	Analyte	Method	Tech.	Analyte	Method	Tech.
Aluminum	EPA 200.7	ICP-AES	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
Cadmium	EPA 200.8	ICP-MS	Chloride	EPA 300.0	IC-COND	Chromium	EPA 200.8	ICP-MS
Conductivity	SM 2510 B	COND	Copper	EPA 200.8	ICP-MS	Iron	EPA 200.7	ICP-AES
Lead	EPA 200.8	ICP-MS	Manganese	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-Nitrite as N	EPA 300.0	IC-COND	Orthophosphate as P	EPA 300.0	IC-COND
pH	EPA 150.1	ISE	pH	SM 4500-H+ B	ISE	Potassium	EPA 200.7	ICP-AES
Selenium	EPA 200.8	ICP-MS	Silver	EPA 200.7	ICP-AES	Silver	EPA 200.8	ICP-MS
Sulfate	EPA 300.0	IC-COND	Thallium	EPA 200.8	ICP-MS	Vanadium	EPA 200.8	ICP-MS
Zinc	EPA 200.8	ICP-MS						

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 Alpha	SM 7110 B	PC	Gross Beta	EPA 900.0	PC	Gross Beta	SM 7110 B	PC

Radioactive Cesium	EPA 901.1	GS-HR	Radium-226	EPA 903.0	PC	Radium-228	EPA 904.0	PC
Strontium-89	EPA 905.0	PC	Strontium-90	EPA 905.0	PC	Tritium	EPA 906.0	LSC
Uranium (nat)	EPA 200.8	ICP-MS	Zinc-65	EPA 901.1	GS-HR			

City of Fort Worth Water Department Centralized Water & Wastewater Laboratory
2600 S.E. Loop 820

Fort Worth, TX 76140
(817) 392-5903

Contact Person:
Connie Dunn

connie.dunn@fortworthtexas.gov

EPA Laboratory #: TX00017
TNI Laboratory #: TNI00013

Accepts Commercial Samples: YES
LDH Secondary AB (TNI-NELAP)

Certificate Number: LA015 **Effective Date: 01-01-2019** **Expiration Date: 12-31-2019**

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	Chloride	EPA 300.0	IC-COND
Chromium	EPA 200.8	ICP-MS	Conductivity	SM 2510 B	COND	Copper	EPA 200.8	ICP-MS
Cyanide	EPA 335.4	AUTO	Fluoride	EPA 300.0	IC-COND	Fluoride	SM 4500-F^- C	ISE
Lead	EPA 200.8	ICP-MS	Manganese	EPA 200.8	ICP-MS	Mercury	EPA 200.8	ICP-MS
Molybdenum	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 2130 B	TURB	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-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	1,3,5-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
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
Bromobenzene	EPA 524.2	GC-MS	Bromochloromethane	EPA 524.2	GC-MS	Butachlor	EPA 525.2	GC-MS
Butyl benzyl phthalate	EPA 525.2	GC-MS	Carbon Tetrachloride	EPA 524.2	GC-MS	Chlorobenzene	EPA 524.2	GC-MS
Chloroethane	EPA 524.2	GC-MS	cis-1,2-Dichloroethylene	EPA 524.2	GC-MS	cis-1,3-Dichloropropene	EPA 524.2	GC-MS
Dibromomethane	EPA 524.2	GC-MS	Dichlorodifluoromethane	EPA 524.2	GC-MS	Dichloromethane	EPA 524.2	GC-MS
Dieldrin	EPA 525.2	GC-MS	Diethyl phthalate	EPA 525.2	GC-MS	Dimethyl phthalate	EPA 525.2	GC-MS
Di-n-butyl phthalate	EPA 525.2	GC-MS	Endrin	EPA 525.2	GC-MS	Ethylbenzene	EPA 524.2	GC-MS
Fluorene	EPA 525.2	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	Indeno(1,2,3-cd)pyrene	EPA 525.2	GC-MS	Isopropylbenzene	EPA 524.2	GC-MS
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
Propachlor	EPA 525.2	GC-MS	Pyrene	EPA 525.2	GC-MS	sec-Butylbenzene	EPA 524.2	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
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			

Curtis Environmental Services, Inc.
185 Belle Terre Boulevard
LaPlace, LA 70068
(985) 653-0000

Contact Person:
Jeffrey Dupuy
labsupervisor@curtislab.com

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

Accepts Commercial Samples: YES
LDH Primary AB (STATE)

Certificate Number: **LA033**

Effective Date: 01-01-2019

Expiration Date: 12-31-2019

Inorganic Parameters

Analyte	Method	Tech.	Analyte	Method	Tech.	Analyte	Method	Tech.
Alkalinity as CaCO3	SM 2320 B	TITR	Chlorite	EPA 300.1	IC-COND	Dissolved Organic Carbon (DOC)	SM 5310 B	TOC-IR
Total Organic Carbon (TOC)	SM 5310 B	TOC-IR	Turbidity	SM 2130 B	TURB			

Element Materials Technology Lafayette
2417 West Pinhook Road
Lafayette, LA 70508-3344
337-443-4001

Contact Person:
Tristan Davis
tristan.davis@element.com

EPA Laboratory #: **LA00903**
TNI Laboratory #: **TNI01402**

Accepts Commercial Samples: YES
LDH Primary AB (TNI-NELAP)

Certificate Number: **LA023** **Effective Date: 01-01-2019** **Expiration Date: 12-31-2019**

Inorganic Parameters

Analyte	Method	Tech.	Analyte	Method	Tech.	Analyte	Method	Tech.
Copper	EPA 200.7	ICP-AES	Copper	EPA 200.8	ICP-MS	Lead	EPA 200.8	ICP-MS

EMSL Analytical, Inc.
200 Route 130 North
Cinnaminson, NJ 08077
(800) 220-3675

Contact Person:
Benjamin Ellis
bellis@emsl.com

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

Accepts Commercial Samples: YES
LDH Secondary AB (TNI-NELAP)

Certificate Number: **LA004** **Effective Date: 01-01-2019** **Expiration Date: 12-31-2019**

Inorganic Parameters

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

Radiological Parameters

Analyte	Method	Tech.	Analyte	Method	Tech.	Analyte	Method	Tech.
Gross Alpha	EPA 900.0	PC	Radium-226	EPA 903.0	PC	Radium-228	EPA 904.0	PC
Tritium	EPA 906.0	LSC	Uranium (nat)	EPA 908.0	PC			

EMSL Analytical, Inc.
1830 Elm Street SE
Minneapolis, MN 55414
(612) 607-6457

Contact Person:
Mark Erickson
merickson@EMSL.com

EPA Laboratory #: **MN01089**
TNI Laboratory #: **TNI02402**

Accepts Commercial Samples: YES
LDH Secondary AB (TNI-NELAP)

Certificate Number: **LA005** **Effective Date: 01-01-2019** **Expiration Date: 12-31-2019**

Inorganic Parameters

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

Entek Environmental Laboratories
14285 Airline Highway
Baton Rouge, LA 70817
(225) 756-2706

Contact Person:
Juliette Schwaller
juliette.entek@gmail.com

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

Accepts Commercial Samples: YES
LDH Primary AB (STATE)

Certificate Number: **LA027** **Effective Date: 01-01-2019** **Expiration Date: 12-31-2019**

Inorganic Parameters

Analyte	Method	Tech.	Analyte	Method	Tech.	Analyte	Method	Tech.
Color	SM 2120 B	OTHER	Odor	SM 2150 B	OTHER	pH	SM 4500-H^+ B	ISE
Total Dissolved Solids (TDS)	SM 2540 C	GRAV	Turbidity	EPA 180.1	TURB			

Eurofins CEI, Inc.
730 SE Maynard Road
Cary, NC 27511

Contact Person:
Tianbao Bai
tianbaobai@eurofinsus.com

(919) 481-1413

EPA Laboratory #: **NC02074** | **Accepts Commercial Samples: YES**
TNI Laboratory #: **N/A** | **LDH Secondary AB (TNI-NELAP)**

Certificate Number: **LA034** | **Effective Date: 01-23-2019** | **Expiration Date: 12-31-2019**

Inorganic Parameters

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

Eurofins Eaton Analytical, Inc.
750 Royal Oaks Drive Suite 100
Monrovia, CA 91016
(626) 386-1100

Contact Person:
Andora Nguyen
andora.nguyen@eurofinsus.com

EPA Laboratory #: **CA00006** | **Accepts Commercial Samples: YES**
TNI Laboratory #: **TNI01223** | **LDH Secondary AB (TNI-NELAP)**

Certificate Number: **LA008** | **Effective Date: 01-01-2019** | **Expiration Date: 12-31-2019**

Inorganic Parameters

Analyte	Method	Tech.	Analyte	Method	Tech.	Analyte	Method	Tech.
Alkalinity as CaCO3	SM 2320 B	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	Asbestos	EPA 100.2	TEM
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
Bromate	EPA 317.0	IC-COND	Bromide	EPA 300.0	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 300.0	IC-COND	Chlorate	EPA 300.1	IC-COND	Chloride	EPA 300.0	IC-COND
Chlorine Dioxide	SM 4500-ClO2 D	TITR	Chlorine (free residual)	SM 4500-Cl G	UV-VIS	Chlorine (total residual)	SM 4500-Cl G	UV-VIS
Chlorite	EPA 300.0	IC-COND	Chlorite	EPA 300.1	IC-COND	Chromium	EPA 200.7	ICP-AES
Chromium	EPA 200.8	ICP-MS	Chromium (VI) (dissolved)	EPA 218.6	IC-UV	Chromium (VI)	EPA 218.7	IC-UV
Color	SM 2120 B	OTHER	Conductivity	SM 2510 B	COND	Copper	EPA 200.7	ICP-AES
Copper	EPA 200.8	ICP-MS	Corrosivity (Langlier Index)	SM 2330 B	OTHER	Cyanide	EPA 335.4	AUTO
Cyanide	SM 4500-CN$^-$ C	OTHER	Cyanide	SM 4500-CN$^-$ F	ISE	Cyanide (amenable)	SM 4500-CN$^-$ G	OTHER

Dissolved Organic Carbon (DOC)	SM 5310 C	TOC-FID	Fluoride	SM 4500-F^- C	ISE	Hardness as $CaCO_3$ (total)	EPA 200.7	ICP-AES
Hardness as $CaCO_3$ (total)	SM 2340 B	OTHER	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	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	Nitrite as N	EPA 300.0	IC-COND
Nitrite as N	EPA 353.2	AUTO	Odor	SM 2150 B	OTHER	Orthophosphate as P	EPA 365.1	AUTO
Orthophosphate as P	SM 4500-P E	UV-VIS	Perchlorate	EPA 314.0	IC-COND	Perchlorate	EPA 331.0	LC/ESI/MS
pH	EPA 150.1	ISE	pH	SM 4500-H^+ B	ISE	Potassium	EPA 200.7	ICP-AES
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 5540 C	UV-VIS	Thallium	EPA 200.8	ICP-MS
Total Dissolved Solids (TDS)	SM 2540 C	GRAV	Total Organic Carbon (TOC)	SM 5310 C	TOC-FID	Turbidity	EPA 180.1	TURB
Turbidity	SM 2130 B	TURB	Uranium	EPA 200.8	ICP-MS	UV254	SM 5910 B	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-Dibromo-3-chloropropane (DB	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-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	1,4-Dioxane (1,4-Diethyleneoxide)	EPA 522	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	4,4'-DDE	EPA 525.2	GC-MS
4,4'-DDT	EPA 525.2	GC-MS	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	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	Bromoacetic Acid	SM 6251B	GC-ECD	Bromobenzene	EPA 524.2	GC-MS
Bromochloroacetic Acid	EPA 552.3	GC-ECD	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	Butyl benzyl phthalate	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	Chlordane (tech.)	EPA 525.2	GC-MS	Chloroacetic Acid	EPA 552.3	GC-ECD

Chloroacetic Acid	SM 6251B	GC-ECD
Chloroform	EPA 524.2	GC-MS
cis-1,3-Dichloropropene	EPA 524.2	GC-MS
Di(2-ethylhexyl) adipate	EPA 525.2	GC-MS
Dibromochloromethane	EPA 524.2	GC-MS
Dicamba	EPA 515.4	GC-ECD
Dichlorodifluoromethane	EPA 524.2	GC-MS
Dieldrin	EPA 525.2	GC-MS
Dinoseb	EPA 515.4	GC-ECD
Endrin	EPA 505	GC-ECD
Fluorene	EPA 525.2	GC-MS
Glyphosate	EPA 547	HPLC-FLUOR
Heptachlor Epoxide	EPA 505	GC-ECD
Hexachlorobutadiene	EPA 524.2	GC-MS
Isopropylbenzene	EPA 524.2	GC-MS
Methoxychlor	EPA 505	GC-ECD
Methyl Chloride (Chloromethane)	EPA 524.2	GC-MS
Metribuzin	EPA 525.2	GC-MS
n-Butylbenzene	EPA 524.2	GC-MS
Oxamyl	EPA 531.2	HPLC-FLUOR
Pentachlorophenol	EPA 515.4	GC-ECD
Perfluorodecanoic acid (PFDA)	EPA 537	HPLC-TMS
Perfluorohexane sulfonate (PFHXS)	EPA 537	HPLC-TMS
Perfluorooctane sulfonate (PFOS)	EPA 537	HPLC-TMS
Perfluorotetradecanoic acid (PFTDA)	EPA 537	HPLC-TMS
Picloram	EPA 515.4	GC-ECD
Pyrene	EPA 525.2	GC-MS
Simazine	EPA 525.2	GC-MS
Tetrachloroethylene	EPA 524.2	GC-MS
Total Haloacetic Acids (HAA5)	EPA 552.3	GC-ECD
Total Trihalomethanes (THMs)	EPA 551.1	GC-ECD
trans-1,3-Dichloropropene	EPA 524.2	GC-MS
Trichloroethylene	EPA 524.2	GC-MS
Vinyl Chloride	EPA 524.2	GC-MS

Chlorobenzene	EPA 524.2	GC-MS
Chloroform	EPA 551.1	GC-ECD
Dalapon	EPA 515.4	GC-ECD
Dibromoacetic Acid	EPA 552.3	GC-ECD
Dibromochloromethane	EPA 551.1	GC-ECD
Dichloroacetic Acid	EPA 552.3	GC-ECD
Dichloromethane	EPA 524.2	GC-MS
Diethyl phthalate	EPA 525.2	GC-MS
Diquat	EPA 549.2	HPLC-UV
Endrin	EPA 525.2	GC-MS
gamma-BHC (Lindane)	EPA 505	GC-ECD
Heptachlor	EPA 505	GC-ECD
Heptachlor Epoxide	EPA 525.2	GC-MS
Hexachlorocyclopentadiene	EPA 525.2	GC-MS
Methiocarb	EPA 531.2	HPLC-FLUOR
Methoxychlor	EPA 525.2	GC-MS
Methyl tert-butyl Ether (MTBE)	EPA 524.2	GC-MS
Molinate	EPA 525.2	GC-MS
Nitrobenzene	EPA 524.2	GC-MS
Paraquat	EPA 549.2	HPLC-UV
Perfluorobutanesulfonic acid (PFB	EPA 537	HPLC-TMS
Perfluorododecanoic acid (PFDOA	EPA 537	HPLC-TMS
Perfluorohexanoic acid (PFHXA)	EPA 537	HPLC-TMS
Perfluorooctanoic acid (PFOA)	EPA 537	HPLC-TMS
Perfluorotridecanoic acid (PFTRIA)	EPA 537	HPLC-TMS
Propachlor	EPA 525.2	GC-MS
sec-Butylbenzene	EPA 524.2	GC-MS
Styrene	EPA 524.2	GC-MS
Thiobencarb	EPA 525.2	GC-MS
Total Haloacetic Acids (HAA5)	SM 6251B	GC-ECD
Toxaphene	EPA 505	GC-ECD
Trichloroacetic Acid	EPA 552.3	GC-ECD
Trichlorofluoromethane	EPA 524.2	GC-MS
Xylenes (total)	EPA 524.2	GC-MS

Chloroethane	EPA 524.2	GC-MS
cis-1,2-Dichloroethylene	EPA 524.2	GC-MS
Dalapon	EPA 552.3	GC-ECD
Dibromoacetic Acid	SM 6251B	GC-ECD
Dibromomethane	EPA 524.2	GC-MS
Dichloroacetic Acid	SM 6251B	GC-ECD
Dieldrin	EPA 505	GC-ECD
Dimethyl phthalate	EPA 525.2	GC-MS
Endothall	EPA 548.1	GC-MS
Ethylbenzene	EPA 524.2	GC-MS
gamma-BHC (Lindane)	EPA 525.2	GC-MS
Heptachlor	EPA 525.2	GC-MS
Hexachlorobenzene	EPA 525.2	GC-MS
Indeno(1,2,3-cd)pyrene	EPA 525.2	GC-MS
Methomyl	EPA 531.2	HPLC-FLUOR
Methyl Bromide (Bromomethane)	EPA 524.2	GC-MS
Metolachlor	EPA 525.2	GC-MS
Naphthalene	EPA 524.2	GC-MS
n-Propylbenzene	EPA 524.2	GC-MS
PCBs as Aroclors (screen)	EPA 505	GC-ECD
Perfluorobutyric acid (PFBA)	EPA 537	HPLC-TMS
Perfluoroheptanoic acid (PFHPA)	EPA 537	HPLC-TMS
Perfluorononanoic acid (PFNA)	EPA 537	HPLC-TMS
Perfluropentanoic acid (PFPEA)	EPA 537	HPLC-TMS
Perfluoroundecanoic acid (PFUDA)	EPA 537	HPLC-TMS
Propoxur (Baygon)	EPA 531.2	HPLC-FLUOR
Silvex (2,4,5-TP)	EPA 515.4	GC-ECD
tert-Butylbenzene	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
Trichloroacetic Acid	SM 6251B	GC-ECD
Trifluralin	EPA 525.2	GC-MS

Radiological Parameters

Analyte	Method	Tech.
Gross Alpha	EPA 900.0	PC
Radium-226	GA Ra-226/228	GS-HR
Uranium (natural)	EPA 200.8	ICP-MS

Analyte	Method	Tech.
Gross Alpha	SM 7110 C	PC
Radium-228	GA Ra-226/228	GS-HR

Analyte	Method	Tech.
Gross Beta	EPA 900.0	PC
Radon-222	SM 7500-Rn B	LSC

Eurofins Eaton Analytical, Inc. - South Bend
110 South Hill Street
South Bend, IN 46617
(574) 472-5523

Contact Person:
Dale Piechocki
dalepiechocki@eurofinsus.com

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

Accepts Commercial Samples: YES
LDH Secondary AB (TNI-NELAP)

Certificate Number: **LA014** **Effective Date: 01-01-2019** **Expiration Date: 12-31-2019**

Inorganic Parameters

Analyte	Method	Tech.	Analyte	Method	Tech.	Analyte	Method	Tech.
Alkalinity as CaCO3	SM 2320 B	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 218.7	IC-UV
Chromium (VI) (dissolved)	EPA 218.6	IC-UV	Color	SM 2120 B	OTHER	Conductivity	SM 2510 B	COND
Copper	EPA 200.8	ICP-MS	Corrosivity (Langlier Index)	SM 2330 B	OTHER	Cyanide	EPA 335.4	AUTO
Dissolved Organic Carbon (DOC)	SM 5310 C	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 2340 B	OTHER	Hardness as $CaCO_3$ (total)	EPA 200.7	ICP-AES
Hardness as $CaCO_3$ (total)	SM 2340 B	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	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
Temperature	EPA 170.1	OTHER	Thallium	EPA 200.8	ICP-MS	Total Dissolved Solids (TDS)	SM 2540 C	GRAV
Total Organic Carbon (TOC)	SM 5310 C	TOC-FID	Turbidity	EPA 180.1	TURB	Uranium	EPA 200.8	ICP-MS
UV254	SM 5910 B	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 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	1,4-Dioxane (1,4-Diethyleneoxide)	EPA 522	GC-MS
2,2-Dichloropropane	EPA 524.2	GC-MS	2,4,5-T	EPA 515.3	GC-ECD	2,4-D	EPA 515.3	GC-ECD
2,4-DB	EPA 515.3	GC-ECD	2-Chlorotoluene	EPA 524.2	GC-MS	3-Hydroxycarbofuran	EPA 531.2	HPLC-FLUOR
4,4'-DDE	EPA 525.2	GC-MS	4,4'-DDT	EPA 525.2	GC-MS	4-Chlorotoluene	EPA 524.2	GC-MS
4-Isopropyltoluene	EPA 524.2	GC-MS	Acifluorfen	EPA 515.3	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 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	Bromoacetic Acid	EPA 552.3	GC-ECD	Bromobenzene	EPA 524.2	GC-MS
Bromochloroacetic Acid	EPA 552.2	GC-ECD	Bromochloroacetic Acid	EPA 552.3	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	Butyl benzyl phthalate	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	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
Chloroform	EPA 551.1	GC-ECD	cis-1,2-Dichloroethylene	EPA 524.2	GC-MS	cis-1,3-Dichloropropene	EPA 524.2	GC-MS
Dacthal (DCPA)	EPA 515.3	GC-ECD	Dalapon	EPA 515.3	GC-ECD	Di(2-ethylhexyl) adipate	EPA 525.2	GC-MS
Dibromoacetic Acid	EPA 552.2	GC-ECD	Dibromoacetic Acid	EPA 552.3	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	Dichloroacetic Acid	EPA 552.3	GC-ECD	Dichlorodifluoromethane	EPA 524.2	GC-MS
Dichloromethane	EPA 524.2	GC-MS	Dichloroprop	EPA 515.3	GC-ECD	Dieldrin	EPA 525.2	GC-MS
Diethyl phthalate	EPA 525.2	GC-MS	Dimethyl phthalate	EPA 525.2	GC-MS	Di-n-butyl phthalate	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	Fluorene	EPA 525.2	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	Indeno(1,2,3-cd)pyrene	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	2-(N-Ethyl-perfluorooctane sulfonam	EPA 537	HPLC-TMS
Nitrobenzene	EPA 524.2	GC-MS	2-(N-Methyl-perfluorooctane sulfc	EPA 537	HPLC-TMS	n-Propylbenzene	EPA 524.2	GC-MS
Oxamyl	EPA 531.2	HPLC-FLUOR	Paraquat	EPA 549.2	HPLC-UV	PCBs as Aroclors (screen)	EPA 505	GC-ECD
Pentachlorophenol	EPA 515.3	GC-ECD	Perfluorobutanesulfonic acid (PFB	EPA 537	HPLC-TMS	Perfluorodecanoic acid (PFDA)	EPA 537	HPLC-TMS
Perfluorododecanoic acid (PFDOA)	EPA 537	HPLC-TMS	Perfluoroheptanoic acid (PFHPA)	EPA 537	HPLC-TMS	Perfluorohexane sulfonate (PFHXS)	EPA 537	HPLC-TMS
Perfluorohexanoic acid (PFHXA)	EPA 537	HPLC-TMS	Perfluorononanoic acid (PFNA)	EPA 537	HPLC-TMS	Perfluorooctane sulfonate (PFOS)	EPA 537	HPLC-TMS

Perfluorooctanoic acid (PFOA)	EPA 537	HPLC-TMS	Perfluorotetradecanoic acid (PFTD	EPA 537	HPLC-TMS	Perfluorotridecanoic acid (PFTRIA)	EPA 537	HPLC-TMS
Perfluoroundecanoic acid (PFUDA)	EPA 537	HPLC-TMS	Picloram	EPA 515.3	GC-ECD	Propachlor	EPA 525.2	GC-MS
Propoxur (Baygon)	EPA 531.2	HPLC-FLUOR	Pyrene	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 552.2	GC-ECD	Total Haloacetic Acids (HAA5)	EPA 552.3	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
Trichloroacetic Acid	EPA 552.3	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 7110 B	PC	Gross Alpha	SM 7110 C	PC	Gross Beta	SM 7110 B	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						

GEL Laboratories, LLC
2040 Savage Road
Charleston, SC 29407
(843) 556-8171

Contact Person:
Nancy Mattern
nancy.mattern@gel.com

EPA Laboratory #: **SC00012**
TNI Laboratory #: **TNI00188**

Accepts Commercial Samples: YES
LDH Secondary AB (TNI-NELAP)

Certificate Number: **LA024**

Effective Date: 01-01-2019

Expiration Date: 12-31-2019

Inorganic Parameters

Analyte	Method	Tech.	Analyte	Method	Tech.	Analyte	Method	Tech.
Alkalinity as CaCO3	SM 2320 B	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 (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 2120 B	OTHER	Conductivity	SM 2510 B	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	Magnesium	EPA 200.7	ICP-AES	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 as N	SM 4500-NO3⁻ I	AUTO
Nitrate-Nitrite as N	EPA 300.0	IC-COND	Nitrate-Nitrite as N	EPA 353.2	AUTO	Nitrate-Nitrite as N	SM 4500-NO3⁻ I	UV-VIS
Nitrite as N	EPA 300.0	IC-COND	Orthophosphate as P	EPA 300.0	IC-COND	Perchlorate	EPA 314.0	IC-COND
pH	EPA 150.1	ISE	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	Total Dissolved Solids (TDS)	EPA 160.1	GRAV
Total Dissolved Solids (TDS)	SM 2540 C	GRAV	Turbidity	EPA 180.1	TURB	Turbidity	SM 2130 B	TURB
Uranium	EPA 200.8	ICP-MS	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-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	Nitrobenzene	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	Total Alpha Radium	EPA 903.0	PC	Tritium	EPA 906.0	LSC
Uranium	DOE U-02	AS	Uranium (nat)	EPA 200.8	ICP-MS			

Hoffman Analytic Serices, Inc. dba Alloway
1776 Marion-Waldo Road
Marion, OH 43302
(740) 389-5991

Contact Person:
Rhonda Morris
rhonda.morris@alloway.com

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

Accepts Commercial Samples: YES
LDH Secondary AB (TNI-NELAP)

Certificate Number: **LA032** **Effective Date: 01-01-2019** **Expiration Date: 12-31-2019**

Inorganic Parameters

Analyte	Method	Tech.	Analyte	Method	Tech.	Analyte	Method	Tech.
Alkalinity as CaCO3	SM 2320 B	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
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 2120 B	OTHER	Copper	EPA 200.7	ICP-AES
Copper	EPA 200.8	ICP-MS	Cyanide	EPA 335.4	AUTO	Dissolved Organic Carbon (DOC)	SM 5310 C	TOC-FID
Fluoride	SM 4500-F$^-$ C	ISE	Hardness as $CaCO_3$ (calcium)	EPA 200.7	ICP-AES	Hardness as $CaCO_3$ (calcium)	SM 3120 B	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	Nitrate as N	SM 4500-NO3$^-$ F	AUTO	Nitrite as N	EPA 353.2	AUTO
Odor	SM 2150 B	OTHER	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 5540 C	UV-VIS	Thallium	EPA 200.8	ICP-MS	Total Dissolved Solids (TDS)	SM 2540 C	GRAV
Total Organic Carbon (TOC)	SM 5310 B	TOC-IR	UV254	SM 5910 B	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 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 531.2	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

Jefferson Parish Water Quality Laboratory
3600 Jefferson Highway Building E
Jefferson, LA 70121
(504) 838-4311

Contact Person:
Stacy Grant
sgrant@jeffparish.net

EPA Laboratory #: **LA00002**
TNI Laboratory #: **N/A**

Accepts Commercial Samples: NO
LDH Primary AB (STATE)

Certificate Number: **LA003** **Effective Date: 01-01-2019** **Expiration Date: 12-31-2019**

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
Chromium	EPA 200.8	ICP-MS	Copper	EPA 200.8	ICP-MS	Dissolved Organic Carbon (DOC)	SM 5310 C	TOC-FID
Fluoride	SM 4500-F^{-} C	ISE	Lead	EPA 200.8	ICP-MS	Manganese	EPA 200.8	ICP-MS
Mercury	EPA 200.8	ICP-MS	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
Selenium	EPA 200.8	ICP-MS	Silver	EPA 200.8	ICP-MS	Thallium	EPA 200.8	ICP-MS
Total Organic Carbon (TOC)	SM 5310 C	TOC-FID	UV254	SM 5910 B	UV/VIS	Zinc	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	Dalapon	EPA 552.2	GC-ECD
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						

National Testing Laboratories, Ltd.
556 South Mansfield Street
Ypsilanti, MI 48197
(734) 483-8333

Contact Person:
Chrissy MacMillan
cmacmillan@ntllabs.com

EPA Laboratory #: **MI00044** **Accepts Commercial Samples: YES**
TNI Laboratory #: **TNI02138** **LDH Primary AB (TNI-NELAP)**

Certificate Number: **LA020** **Effective Date: 01-01-2019** **Expiration Date: 12-31-2019**

Inorganic Parameters

Analyte	Method	Tech.	Analyte	Method	Tech.	Analyte	Method	Tech.
Alkalinity as CaCO3	SM 2320 B	TITR	Aluminum	EPA 200.7	ICP-AES	Antimony	EPA 200.8	ICP-MS
Arsenic	EPA 200.8	ICP-MS	Arsenic	SM 3113B	GFAAS	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	Bromate	EPA 326.0	IC-UV/VIS
Bromide	EPA 300.0	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	Chlorine Dioxide	SM 4500-ClO2 D	TITR	Chlorine (free residual)	SM 4500-Cl G	UV-VIS
Chlorine (total residual)	SM 4500-Cl G	UV-VIS	Chlorite	EPA 300.1	IC-COND	Chromium	EPA 200.7	ICP-AES
Chromium	EPA 200.8	ICP-MS	Color	SM 2120 B	OTHER	Conductivity	SM 2510 B	COND
Copper	EPA 200.7	ICP-AES	Copper	EPA 200.8	ICP-MS	Fluoride	EPA 300.0	IC-COND
Hardness as $CaCO_3$ (total)	SM 2340 B	OTHER	Hardness as $CaCO_3$ (total)	SM 2340 C	TITR	Iron	EPA 200.7	ICP-AES
Lead	EPA 200.8	ICP-MS	Lead	SM 3113B	GFAAS	Magnesium	EPA 200.7	ICP-AES
Manganese	EPA 200.7	ICP-AES	Manganese	EPA 200.8	ICP-MS	Mercury	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	Nitrite as N	EPA 300.0	IC-COND	Odor	SM 2150 B	OTHER
Orthophosphate as P	EPA 300.0	IC-COND	pH	EPA 150.1	ISE	Potassium	EPA 200.7	ICP-AES
Selenium	EPA 200.8	ICP-MS	Selenium	SM 3113B	GFAAS	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	SM 5540 C	UV-VIS	Thallium	EPA 200.8	ICP-MS
Total Dissolved Solids (TDS)	SM 2540 C	GRAV	Total Organic Carbon (TOC)	SM 5310 C	TOC-FID	Total Suspended Solids (TSS)	SM 2540 D	GRAV
Turbidity	SM 2130 B	TURB	Uranium	EPA 200.8	ICP-MS	Uranium (natural)	EPA 200.8	ICP-MS
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 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 515.4	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 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	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 531.2	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 515.4	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 515.4	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 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
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
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 552.2	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						

(513) 523-3605

EPA Laboratory #: **OH00286** | **Accepts Commercial Samples: YES**
TNI Laboratory #: **TNI01198** | **LDH Primary AB (TNI-NELAP)**

Certificate Number: **LA030** | **Effective Date: 01-01-2019** | **Expiration Date: 12-31-2019**

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						

Pace Analytical National Center for Testing and Innovation
12065 Lebanon Road
Mt. Juliet, TN 37122
(615) 773-9755

Contact Person:
Shari Pfalmer
spfalmer@pacenational.com

EPA Laboratory #: **TN00003** | **Accepts Commercial Samples: YES**
TNI Laboratory #: **TNI01354** | **LDH Primary AB (TNI-NELAP)**

Certificate Number: **LA018** | **Effective Date: 01-01-2019** | **Expiration Date: 12-31-2019**

Inorganic Parameters

Analyte	Method	Tech.	Analyte	Method	Tech.	Analyte	Method	Tech.
Alkalinity as CaCO3	SM 2320 B	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	Boron	EPA 200.7	ICP-AES
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	Chloride	SM 4110 B	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	Chromium (VI) (dissolved)	EPA 218.6	IC-UV	Color	SM 2120 B	OTHER
Conductivity	SM 2510 B	COND	Copper	EPA 200.7	ICP-AES	Copper	EPA 200.8	ICP-MS
Corrosivity (Langlier Index)	SM 2330 B	OTHER	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 5310 C	TOC-FID
Fluoride	EPA 300.0	IC-COND	Fluoride	SM 4110 B	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 2340 B	OTHER	Hardness as $CaCO_3$ (total)	SM 2340 C	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 as N	SM 4110 B	IC-COND	Nitrate-Nitrite as N	EPA 300.0	IC-COND
Nitrate-Nitrite as N	EPA 353.2	AUTO	Nitrate-Nitrite as N	SM 4500-NO3- F	AUTO	Nitrite as N	EPA 300.0	IC-COND
Nitrite as N	EPA 353.2	AUTO	Nitrite as N	SM 4110 B	IC-COND	Odor	SM 2150 B	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	Potassium	EPA 200.7	ICP-AES	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 4110 B	IC-COND
Surfactants-MBAS	SM 5540 C	UV-VIS	Temperature	SM 2550 B	OTHER	Thallium	EPA 200.8	ICP-MS
Total Dissolved Solids (TDS)	SM 2540 C	GRAV	Total Organic Carbon (TOC)	SM 5310 C	TOC-FID	Total Suspended Solids (TSS)	SM 2540 D	GRAV
Turbidity	EPA 180.1	TURB	Turbidity	SM 2130 B	TURB	Uranium	EPA 200.8	ICP-MS
UV254	SM 5910 B	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 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-Butanone	EPA 524.2	GC-MS	2-Chlorotoluene	EPA 524.2	GC-MS	2-Hexanone	EPA 524.2	GC-MS
4-Chlorotoluene	EPA 524.2	GC-MS	4-Isopropyltoluene	EPA 524.2	GC-MS	4-methyl-2-pentanone	EPA 524.2	GC-MS
Acetone	EPA 524.2	GC-MS	Benzene	EPA 524.2	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	Carbon Disulfide	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 iodide	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	Tetrahydrofuran	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						

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 Beta	EPA 900.0	PC
Radium-226	EPA 903.0	PC	Radium-226	EPA 903.1	ASC	Radium-226	SM 7500-Ra B	PC
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	Total Alpha Radium	EPA 903.0	PC	Tritium	EPA 906.0	LSC
Uranium (natural)	ASTM D5174-02	LP	Uranium (natural)	ASTM D5174-97	LP	Uranium (natural)	EPA 200.8	ICP-MS

Pace Analytical Services, LLC - Huntersville NC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704) 977-0959

Contact Person:
Cheryl Johnson
cheryl.johnson@pacelabs.com

EPA Laboratory #: NC00014
TNI Laboratory #: TNI00525

Accepts Commercial Samples: YES
LDH Secondary AB (TNI-NELAP)

Certificate Number: LA029

Effective Date: 01-01-2019

Expiration Date: 12-31-2019

Organic Parameters

Analyte	Method	Tech.	Analyte	Method	Tech.	Analyte	Method	Tech.
Bromoacetic Acid	EPA 552.2	GC-ECD	Bromodichloromethane	EPA 524.2	GC-MS	Bromoform	EPA 524.2	GC-MS
Chloroacetic Acid	EPA 552.2	GC-ECD	Chloroform	EPA 524.2	GC-MS	Dibromoacetic Acid	EPA 552.2	GC-ECD
Dibromochloromethane	EPA 524.2	GC-MS	Dichloroacetic Acid	EPA 552.2	GC-ECD	Total Haloacetic Acids (HAA5)	EPA 552.2	GC-ECD
Total Trihalomethanes (THMs)	EPA 524.2	GC-MS	Trichloroacetic Acid	EPA 552.2	GC-ECD			

Pace Analytical Services, LLC - Minneapolis MN
1700 Elm Street SE Suite 200
Minneapolis, MN 55414

Contact Person:
Janielle Ward
janielle.ward@pacelabs.com

(612) 607-6352

EPA Laboratory #: MN00064
TNI Laboratory #: TNI00223

Accepts Commercial Samples: YES
LDH Secondary AB (TNI-NELAP)

Certificate Number: LA006 **Effective Date: 01-01-2018** **Expiration Date: 12-31-2018**

Inorganic Parameters

Analyte	Method	Tech.	Analyte	Method	Tech.	Analyte	Method	Tech.
Alkalinity as CaCO3	SM 2320 B	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
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	Conductivity	SM 2510 B	COND
Copper	EPA 200.8	ICP-MS	Cyanide	SM 4500-CN$^-$ E	UV-VIS	Fluoride	EPA 300.0	IC-COND
Fluoride	SM 4500-F$^-$ C	ISE	Hardness as $CaCO_3$ (total)	SM 2340 B	OTHER	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 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 4500-NO2$^-$ E	UV-VIS	pH	SM 4500-H$^+$ B	ISE
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 Dissolved Solids (TDS)	SM 2540 C	GRAV	Turbidity	EPA 180.1	TURB
Uranium	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			

Pace Analytical Services, LLC - Ormond Beach FL
8 East Tower Circle
Ormond Beach, FL 32174
(386) 676-4803

Contact Person:
Lynn Baylor
lynn.baylor@pacelabs.com

EPA Laboratory #: **FL01264**
TNI Laboratory #: **TNI00459**

Accepts Commercial Samples: YES
LDH Secondary AB (TNI-NELAP)

Certificate Number: **LA013** **Effective Date: 01-01-2019** **Expiration Date: 12-31-2019**

Inorganic Parameters

Analyte	Method	Tech.	Analyte	Method	Tech.	Analyte	Method	Tech.
Alkalinity as CaCO3	SM 2320 B	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
Bromate	EPA 300.1	IC-COND	Bromide	EPA 300.0	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	Chlorine Dioxide	SM 4500-ClO2 D	TITR
Chlorine (free residual)	SM 4500-Cl D	AMP	Chlorine (total residual)	SM 4500-Cl D	AMP	Chlorite	EPA 300.1	IC-COND
Chromium	EPA 200.7	ICP-AES	Chromium	EPA 200.8	ICP-MS	Chromium (VI)	EPA 218.7	IC-UV
Chromium (VI) (dissolved)	EPA 218.6	IC-UV	Color	SM 2120 B	OTHER	Conductivity	SM 2510 B	COND
Copper	EPA 200.7	ICP-AES	Copper	EPA 200.8	ICP-MS	Corrosivity (Langlier Index)	SM 2330 B	OTHER
Cyanide	EPA 335.4	AUTO	Dissolved Organic Carbon (DOC)	SM 5310 B	TOC-IR	Fluoride	EPA 300.0	IC-COND
Hardness as $CaCO_3$ (total)	EPA 200.7	ICP-AES	Hardness as $CaCO_3$ (total)	SM 2340 B	OTHER	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-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	SM 2150 B	OTHER	Orthophosphate as P	EPA 300.0	IC-COND
Orthophosphate as P	EPA 365.1	AUTO	pH	SM 4500-H^+ B	ISE	Potassium	EPA 200.7	ICP-AES
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	SM 5540 C	UV-VIS	Thallium	EPA 200.8	ICP-MS	Total Dissolved Solids (TDS)	SM 2540 C	GRAV
Total Organic Carbon (TOC)	SM 5310 B	TOC-IR	Turbidity	EPA 180.1	TURB	Uranium	EPA 200.8	ICP-MS

UV254	SM 5910 B	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	1,1,2,2-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 (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	1,4-Dioxane (1,4-Diethyleneoxide)	EPA 522	GC-MS
2,2-Dichloropropane	EPA 524.2	GC-MS	2,4,5-T	EPA 515.3	GC-ECD	2,4-D	EPA 515.3	GC-ECD
2,4-DB	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	Acifluorfen	EPA 515.3	GC-ECD
Alachlor	EPA 508.1	GC-ECD	Aldicarb	EPA 531.1	HPLC-FLUOR	Aldicarb	EPA 531.2	HPLC-FLUOR
Aldicarb Sulfone	EPA 531.1	HPLC-FLUOR	Aldicarb Sulfone	EPA 531.2	HPLC-FLUOR	Aldicarb Sulfoxide	EPA 531.1	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	Bromoacetic Acid	EPA 552.3	GC-ECD
Bromobenzene	EPA 524.2	GC-MS	Bromochloroacetic Acid	EPA 552.2	GC-ECD	Bromochloroacetic Acid	EPA 552.3	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	Butyl benzyl phthalate	EPA 525.2	GC-MS	Carbaryl	EPA 531.1	HPLC-FLUOR
Carbaryl	EPA 531.2	HPLC-FLUOR	Carbofuran	EPA 531.1	HPLC-FLUOR	Carbofuran	EPA 531.2	HPLC-FLUOR
Carbon Tetrachloride	EPA 524.2	GC-MS	Chlordane (tech.)	EPA 508.1	GC-ECD	Chloroacetic Acid	EPA 552.2	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 552.2	GC-ECD
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 552.2	GC-ECD	Dichloroacetic Acid	EPA 552.3	GC-ECD
Dichlorodifluoromethane	EPA 524.2	GC-MS	Dichloromethane	EPA 524.2	GC-MS	Dichloroprop	EPA 515.3	GC-ECD
Dieldrin	EPA 508.1	GC-ECD	Dieldrin	EPA 525.2	GC-MS	Diethyl phthalate	EPA 525.2	GC-MS
Dimethyl phthalate	EPA 525.2	GC-MS	Di-n-butyl phthalate	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	Fluorene	EPA 525.2	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
Indeno(1,2,3-cd)pyrene	EPA 525.2	GC-MS	Isopropylbenzene	EPA 524.2	GC-MS	Methiocarb	EPA 531.1	HPLC-FLUOR
Methiocarb	EPA 531.2	HPLC-FLUOR	Methomyl	EPA 531.1	HPLC-FLUOR	Methomyl	EPA 531.2	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 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	Oxamyl	EPA 531.2	HPLC-FLUOR
Paraquat	EPA 549.2	HPLC-UV	PCBs as Aroclors (screen)	EPA 508.1	GC-ECD	Pentachlorophenol	EPA 515.3	GC-ECD
Perfluorobutanesulfonic acid (PFBS)	EPA 537	HPLC-MS-MS	Perfluoroheptanoic acid (PFHPA)	EPA 537	HPLC-MS-MS	Perfluorohexane sulfonate (PFHXS)	EPA 537	HPLC-MS-MS
Perfluorononanoic acid (PFNA)	EPA 537	HPLC-MS-MS	Perfluorooctane sulfonate (PFOS)	EPA 537	HPLC-MS-MS	Perfluorooctanoic acid (PFOA)	EPA 537	HPLC-MS-MS
Picloram	EPA 515.3	GC-ECD	Propachlor	EPA 508.1	GC-ECD	Propachlor	EPA 525.2	GC-MS
Pyrene	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 Haloacetic Acids (HAA5)	EPA 552.3	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 552.2	GC-ECD
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			

Pace Analytical Services, LLC - Pittsburgh PA
1638 Roseytown Road Suites 2,3,&4
Greensburg, PA 15601
(724) 850-5630

Contact Person:
Nasreen DeRubeis
nasreen.derubeis@pacelabs.com

EPA Laboratory #: PA01457
TNI Laboratory #: TNI02141

Accepts Commercial Samples: YES
LDH Secondary AB (TNI-NELAP)

Certificate Number: LA010

Effective Date: 01-01-2019

Expiration Date: 12-31-2019

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 7110 C	PC
Gross Beta	EPA 900.0	PC	Radium-226	EPA 903.1	ASC	Radium-228	EPA 904.0	PC
Radon-222	SM 7500-Rn B	LSC	Strontium-90	EPA 905.0	PC	Total Alpha Radium	EPA 903.0	PC
Tritium	EPA 906.0	LSC	Uranium (natural)	ASTM D5174-97	LP			

SGS North America, Inc.
500 Ambassador Caffery Pkwy
Scott, LA 70583-8544
(337) 237-4775

Contact Person:
Karen Rodrigue-Varnado
karen.rodrigue-varnado@sgs.com

EPA Laboratory #: **LA01236**
TNI Laboratory #: **TNI01404**

Accepts Commercial Samples: YES
LDH Primary AB (TNI-NELAP)

Certificate Number: **LA025** **Effective Date: 01-01-2019** **Expiration Date: 12-31-2019**

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	Bromide	EPA 300.0	IC-COND
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	Molybdenum	EPA 200.8	ICP-MS
Nickel	EPA 200.8	ICP-MS	Nitrate as N	EPA 300.0	IC-COND	Nitrate-Nitrite as N	SM 4500-NO3⁻ E	UV-VIS
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	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 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-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 552.3	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	Dibromoacetic Acid	EPA 552.3	GC-ECD	Dibromochloromethane	EPA 524.2	GC-MS
Dibromomethane	EPA 524.2	GC-MS	Dichloroacetic Acid	EPA 552.3	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 552.3	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

SGS North America, Inc. - Wheat Ridge
4036 Youngfield Street
Wheat Ridge, CO 80003
(303) 425-6021

Contact Person:
Scott Heideman
scott.heideman@sgs.com

EPA Laboratory #: **CO00049**
TNI Laboratory #: **TNI01950**

Accepts Commercial Samples: YES
LDH Secondary AB (TNI-NELAP)

Certificate Number: **LA021**

Effective Date: 01-01-2019

Expiration Date: 12-31-2019

Inorganic Parameters

Analyte	Method	Tech.	Analyte	Method	Tech.	Analyte	Method	Tech.
Alkalinity as CaCO3	SM 2320 B	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 200.8	ICP-MS	Boron	EPA 200.8	ICP-MS
Bromide	EPA 300.0	IC-COND	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	SM 2120 B	OTHER
Conductivity	SM 2510 B	COND	Copper	EPA 200.7	ICP-AES	Copper	EPA 200.8	ICP-MS
Corrosivity	SM 203	OTHER	Cyanide	EPA 335.4	AUTO	Dissolved Organic Carbon (DOC)	SM 5310 C	TOC-FID
Fluoride	EPA 300.0	IC-COND	Hardness as $CaCO_3$ (total)	SM 2340 B	OTHER	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	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	Nitrite as N	EPA 300.0	IC-COND	Orthophosphate as P	EPA 300.0	IC-COND
pH	EPA 150.1	ISE	pH	SM 4500-H^+ B	ISE	Potassium	EPA 200.7	ICP-AES
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	Thallium	EPA 200.8	ICP-MS
Total Dissolved Solids (TDS)	SM 2540 C	GRAV	Total Organic Carbon (TOC)	SM 5310 C	TOC-FID	Turbidity	SM 2130 B	TURB
Uranium	EPA 200.8	ICP-MS	UV254	SM 5910 B	UV/VIS	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 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 515.4	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 505	GC-ECD	alpha-Chlordane	EPA 505	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	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 552.2	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	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 515.4	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	Dinoseb	EPA 515.4	GC-ECD
Diquat	EPA 549.2	HPLC-UV	Endothall	EPA 548.1	GC-MS	Endrin	EPA 505	GC-ECD
Ethylbenzene	EPA 524.2	GC-MS	gamma-BHC (Lindane)	EPA 505	GC-ECD	gamma-Chlordane	EPA 505	GC-ECD
Glyphosate	EPA 547	HPLC-FLUOR	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	Methiocarb	EPA 531.1	HPLC-FLUOR	Methomyl	EPA 531.1	HPLC-FLUOR
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	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	Paraquat	EPA 549.2	HPLC-UV	PCBs as Aroclors (screen)	EPA 505	GC-ECD
Pentachlorophenol	EPA 515.4	GC-ECD	Picloram	EPA 515.4	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 515.4	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 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

SGS North America, Inc.
5500 Business Drive
Wilmington NC 28405
(910) 350-1903

Contact Person:
Jeannie Milholland
jeannie.milholland@sgs.com

EPA Laboratory #: NC00919
TNI Laboratory #: TNI00558

Accepts Commercial Samples: YES
LDH Secondary AB (TNI-NELAP)

Certificate Number: LA031 **Effective Date: 01-01-2019** **Expiration Date: 12-31-2019**

Organic Parameters

Analyte	Method	Tech.	Analyte	Method	Tech.	Analyte	Method	Tech.
Perfluorobutanesulfonic acid (PFBS)	EPA 537	HPLC-MS-MS	Perfluorodecanoic acid (PFDA)	EPA 537	HPLC-MS-MS	Perfluorododecanoic acid (PFDOA)	EPA 537	HPLC-MS-MS
Perfluoroheptanoic acid (PFHPA)	EPA 537	HPLC-MS-MS	Perfluorohexanesulfonic acid (PFH	EPA 537	HPLC-MS-MS	Perfluorohexanoic acid (PFHXA)	EPA 537	HPLC-MS-MS
Perfluorononanoic acid (PFNA)	EPA 537	HPLC-MS-MS	Perfluorooctanesulfonic acid (PFO	EPA 537	HPLC-MS-MS	Perfluorooctanoic acid (PFOA)	EPA 537	HPLC-MS-MS
Perfluorotetradecanoic acid (PFTDA)	EPA 537	HPLC-MS-MS	Perfluorotridecanoic acid (PFTRIA)	EPA 537	HPLC-MS-MS	Perfluoroundecanoic acid (PFUDA)	EPA 537	HPLC-MS-MS
2-(N-Ethyl-perfluorooctane sulfonam	EPA 537	HPLC-MS-MS	2-(N-Methyl-perfluorooctane sulfc	EPA 537	HPLC-MS-MS			

Teklab Inc
5445 Horseshoe Lake Road
Collinsville, IL 62234
(618) 344-1004

Contact Person:
Claire Bogner
cbogner@teklabinc.com

EPA Laboratory #: IL00054
TNI Laboratory #: TNI02051

Accepts Commercial Samples: YES
LDH Secondary AB (TNI-NELAP)

Certificate Number: LA016 **Effective Date: 01-01-2019** **Expiration Date: 12-31-2019**

Inorganic Parameters

Analyte	Method	Tech.	Analyte	Method	Tech.	Analyte	Method	Tech.
Alkalinity as CaCO3	SM 2320 B	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	Cadmium	EPA 200.7	ICP-AES
Cadmium	EPA 200.8	ICP-MS	Calcium	EPA 200.7	ICP-AES	Chlorine (total residual)	SM 4500-Cl G	UV-VIS

Chromium	EPA 200.7	ICP-AES	Chromium	EPA 200.8	ICP-MS	Color	SM 2120 B	OTHER
Conductivity	SM 2510 B	COND	Copper	EPA 200.7	ICP-AES	Copper	EPA 200.8	ICP-MS
Cyanide	EPA 335.4	AUTO	Dissolved Organic Carbon (DOC)	SM 5310 C	TOC-FID	Fluoride	SM 4500-F- C	ISE
Hardness as $CaCO_3$ (calcium)	SM 2340 B	OTHER	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	Molybdenum	EPA 200.8	ICP-MS	Nickel	EPA 200.7	ICP-AES
Nickel	EPA 200.8	ICP-MS	Nitrate as N	EPA 353.2	AUTO	Nitrate-Nitrite as N	EPA 353.2	AUTO
Nitrite as N	EPA 353.2	AUTO	Nitrite as N	SM 4500-NO2- E	UV-VIS	Orthophosphate as P	SM 4500-P E	UV-VIS
pH	SM 4500-H^+ B	ISE	Selenium	EPA 200.8	ICP-MS	Silver	EPA 200.7	ICP-AES
Silver	EPA 200.8	ICP-MS	Sodium	EPA 200.7	ICP-AES	Surfactants-MBAS	SM 5540 C	UV-VIS
Thallium	EPA 200.8	ICP-MS	Total Dissolved Solids (TDS)	SM 2540 C	GRAV	Total Organic Carbon (TOC)	SM 5310 C	TOC-FID
Turbidity	EPA 180.1	TURB	Turbidity	SM 2130 B	TURB	Zinc	EPA 200.7	ICP-MS
Zinc	EPA 200.8	ICP-MS						

Teledyne Brown Engineering - Environmental Services
2508 Quality Lane
Knoxville, TN 37931
(865) 934-0374

Contact Person:
Sharon Northcutt
sharon.northcutt@teledyne.com

EPA Laboratory #: NJ01166
TNI Laboratory #: TNI01754

Accepts Commercial Samples: YES
LDH Secondary AB (TNI-NELAP)

Certificate Number: LA002 **Effective Date: 01-01-2019** **Expiration Date: 12-31-2019**

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 Beta	EPA 900.0	PC
Strontium-89	EPA 905.0	PC	Tritium	EPA 906.0	LSC	Uranium (natural)	EPA 908.0	PC

TestAmerica Laboratories Inc. - Knoxville
5815 Middlebrook Pike
Knoxville, TN 37923
(865) 291-3000

Contact Person:
Kevin McGee
kevin.mcgee@testamericainc.com

EPA Laboratory #: TN00009
TNI Laboratory #: TNI00189

Accepts Commercial Samples: YES
LDH Secondary AB (TNI-NELAP)

Certificate Number: **LA019** **Effective Date: 01-01-2019** **Expiration Date: 12-31-2019**

Organic Parameters

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

TestAmerica Pensacola
3355 McLemore Drive
Pensacola, FL 35214
(850) 474-1001

Contact Person:
Lance Larson
lance.larson@testamericainc.com

EPA Laboratory #: **FL00094**
TNI Laboratory #: **TNI00601**

Accepts Commercial Samples: YES
LDH Secondary AB (TNI-NELAP)

Certificate Number: **LA017** **Effective Date: 01-01-2019** **Expiration Date: 12-31-2019**

Inorganic Parameters

Analyte	Method	Tech.	Analyte	Method	Tech.	Analyte	Method	Tech.
Alkalinity as CaCO3	SM 2320 B	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	Beryllium	EPA 200.7	ICP-AES
Beryllium	EPA 200.8	ICP-MS	Cadmium	EPA 200.7	ICP-AES	Calcium	EPA 200.7	ICP-AES
Chloride	EPA 325.2	AUTO	Chromium	EPA 200.7	ICP-AES	Color	EPA 110.2	OTHER
Color	SM 2120 B	OTHER	Conductivity	SM 2510 B	COND	Copper	EPA 200.7	ICP-AES
Copper	EPA 200.8	ICP-MS	Cyanide	SM 4500-CN^- E	UV-VIS	Fluoride	SM 4500-F^- C	ISE
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 245.1	CVAAS	Nickel	EPA 200.7	ICP-AES
Nitrate as N	EPA 353.2	AUTO	Nitrate as N	SM 4500-$NO3^-$ I	AUTO	Nitrate-Nitrite as N	EPA 353.2	AUTO
Nitrate-Nitrite as N	SM 4500-$NO3^-$ E	AUTO	Nitrite as N	SM 4500-$NO2^-$ E	UV-VIS	Odor	EPA 140.1	OTHER
Orthophosphate as P	SM 4500-P E	UV-VIS	pH	EPA 150.1	ISE	pH	SM 4500-H^+ B	ISE
Selenium	EPA 200.8	ICP-MS	Silica as SiO_2	EPA 200.7	ICP-AES	Silver	EPA 200.7	ICP-AES
Sodium	EPA 200.7	ICP-AES	Sulfate	SM 4500-SO4 E	TURB	Surfactants-MBAS	SM 5540 C	UV-VIS
Thallium	EPA 200.8	ICP-MS	Total Dissolved Solids (TDS)	EPA 160.1	GRAV	Total Organic Carbon (TOC)	SM 5310 B	TOC-IR
Total Suspended Solids (TSS)	SM 2540 D	GRAV	Zinc	EPA 200.7	ICP-AES			

TestAmerica Savannah
5102 LaRoche Avenue
Savannah, GA 31419
(912) 354-7858

Contact Person:
Norma Tyler
norma.tyler@testamericainc.com

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

Accepts Commercial Samples: YES
LDH Secondary AB (TNI-NELAP)

Certificate Number: **LA009** **Effective Date: 01-01-2019** **Expiration Date: 12-31-2019**

Inorganic Parameters

Analyte	Method	Tech.	Analyte	Method	Tech.	Analyte	Method	Tech.
Alkalinity as CaCO3	SM 2320 B	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 2120 B	OTHER	Conductivity	SM 2510 B	COND
Copper	EPA 200.7	ICP-AES	Copper	EPA 200.8	ICP-MS	Corrosivity (Langlier Index)	SM 2330 B	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 5310 B	TOC-IR	Fluoride	EPA 300.0	IC-COND	Hardness as $CaCO_3$ (total)	EPA 130.2	TITR
Hardness as $CaCO_3$ (total)	SM 2340 B	OTHER	Hardness as $CaCO_3$ (total)	SM 2340 C	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 2150 B	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	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 5540 C	UV-VIS	Thallium	EPA 200.8	ICP-MS	Total Dissolved Solids (TDS)	EPA 160.1	GRAV
Total Dissolved Solids (TDS)	SM 2540 C	GRAV	Total Organic Carbon (TOC)	SM 5310 B	TOC-IR	Turbidity	EPA 180.1	TURB
Turbidity	SM 2130 B	TURB	UV254	SM 5910 B	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 515.1	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	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	Butyl benzyl phthalate	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 508	GC-ECD	Dieldrin	EPA 525.2	GC-MS	Diethyl phthalate	EPA 525.2	GC-MS
Dimethyl phthalate	EPA 525.2	GC-MS	Di-n-butyl phthalate	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	Fluorene	EPA 525.2	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	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 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
Pyrene	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	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 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			

TestAmerica Inc. St. Louis Facility
13715 Rider Trail North
Earth City, MO 63045
(314) 298-8566

Contact Person:
Kristen Ely
kristen.ely@testamericainc.com

EPA Laboratory #: MO00054
TNI Laboratory #: TNI00602

Accepts Commercial Samples: YES
LDH Secondary AB (TNI-NELAP)

Certificate Number: LA011 **Effective Date: 01-01-2019** **Expiration Date: 12-31-2019**

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 7110 C	PC
Gross Beta	EPA 900.0	PC	Radioactive Cesium	EPA 901.1	GS-HR	Radium-226	EPA 903.0	PC
Radium-228	EPA 904.0	PC	Radon-222	SM 7500-Rn B	LSC	Strontium-90	DOE Sr-02	PC
Strontium-90	EPA 905.0	PC	Tritium	EPA 906.0	LSC	Uranium (natural)	DOE U-02	AS
Uranium (natural)	EPA 200.8	ICP-MS						

CERTIFYING AGENCY

Louisiana Department of Health
Office of Public Health
Laboratory Accreditation Program
1209 Leesville Avenue
Baton Rouge, LA 70802

Contact Person:
Grant Aucoin
Grant.Aucoin@la.gov
225-219-5202

AB = Accreditation Body
Tech = Technology

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