



“NELAP-Recognized”



## 2011 LIST OF LABORATORIES CERTIFIED BY THE LOUISIANA FOR DRINKING WATER ANALYSES - CHEMISTRY

July 18, 2011

**Accutest/SPL Environmental - Louisiana**  
**500 Ambassador Caffery Pkwy**  
**Scott, LA 70583-8544**  
**(337) 237-4775**

**Rebecca Haryett**  
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**EPA ID# LA070019**

**LADHH Primary AB (NELAP)**

**Certificate Number: LA110026**

**Date of Issue: 01-01-2011**

**Date of Expiration: 12-31-2011**

HAA5 - Monochloroacetic Acid - GC-ECD/EPA 552.3; Monobromoacetic Acid - GC-ECD/EPA 552.3; Dichloroacetic Acid - GC-ECD/EPA 552.3; Trichloroacetic Acid - GC-ECD/EPA 552.3; Dibromoacetic Acid - GC-ECD/EPA 552.3; Total Haloacetic Acids - GC-ECD/EPA 552.3

Metals I – Antimony - ICP-MS/EPA 200.8; Arsenic - ICP-MS/EPA 200.8; Beryllium - ICP-MS/EPA 200.8; Barium - ICP-MS/EPA 200.8; Cadmium - ICP-MS/EPA 200.8; Chromium - ICP-MS/EPA 200.8; Copper - ICP-MS/EPA 200.8; Lead - ICP-MS/EPA 200.8; Mercury - CVAA/EPA 245.1; Nickel - ICP-MS/EPA 200.8; Selenium - ICP-MS/EPA 200.8; Thallium - ICP-MS/EPA 200.8

Metals II – Aluminum - ICP-MS/EPA 200.8; Manganese - ICP-MS/EPA 200.8; Silver - ICP-MS/EPA 200.8; Zinc – ICP-MS/EPA 200.8

Non-Metals - Chloride - IC/EPA 300.0 (interim); Fluoride - IC/EPA 300.0 (interim); Nitrate - IC/EPA 300.0 (interim); Nitrate-Nitrite (as N) – POT/SM 4500NO3 E (interim); Sulfate – IC/EPA 300.0 (interim)

Others – Alkalinity - TITR/SM 2320B; TOC - IR/SM 5310B

SOCs I - Dibromochloropropane (DBCP) - GC-ECD/EPA 504.1; Ethylene Dibromide (EDB) - GC-ECD/EPA 504.1

TTHMs - Bromoform - GC-MS/EPA 524.2; Chloroform - GC-MS/EPA 524.2; Bromodichloromethane - GC-MS/EPA 524.2; Chlorodibromomethane - GC-MS/EPA 524.2; Total Trihalomethanes - GC-MS/EPA 524.2

VOCs I – Benzene - GC-MS/EPA 524.2; Carbon Tetrachloride - GC-MS/EPA 524.2; Chlorobenzene - GC-MS/EPA 524.2; o-Dichlorobenzene - GC-MS/EPA 524.2 p-Dichlorobenzene - GC-MS/EPA 524.2; Dichloromethane - GC-MS/EPA 524.2; 1,2-Dichloroethane - GC-MS/EPA 524.2; 1,1-Dichloroethylene - GC-MS/EPA 524.2; cis-1,2-Dichloroethylene - GC-MS/EPA 524.2; trans-1,2-Dichloroethylene - GC-MS/EPA 524.2; 1,2-Dichloropropane - GC-MS/EPA 524.2; Ethylbenzene - GC-MS/EPA 524.2; Styrene - GC-MS/EPA 524.2; Tetrachloroethylene - GC-MS/EPA 524.2; Toluene - GC-MS/EPA 524.2; 1,2,4-Trichlorobenzene - GC-MS/EPA 524.2; 1,1,1-Trichloroethane - GC-MS/EPA 524.2; 1,1,2-Trichloroethane - GC-MS/EPA 524.2; Trichloroethylene - GC-MS/EPA 524.2; Vinyl Chloride - GC-MS/EPA 524.2; m&p-Xylenes - GC-MS/EPA 524.2; o-Xylenes - GC-MS/EPA 524.2; Total Xylenes - GC-MS/EPA 524.2

VOCs II (unregulated) – Bromobenzene - GC-MS/EPA 524.2 (interim); Bromochloromethane - GC-MS/EPA 524.2 (interim); Bromomethane - GC-MS/EPA 524.2 (interim); MTBE - GC-MS/EPA 524.2 (interim); n-Butylbenzene - GC-MS/EPA 524.2 (interim); sec-Butylbenzene - GC-MS/EPA 524.2 (interim); tert-Butylbenzene - GC-MS/EPA 524.2 (interim); Chloroethane - GC-MS/EPA 524.2 (interim); Chloromethane - GC-MS/EPA 524.2 (interim); o-Chlorotoluene - GC-MS/EPA 524.2 (interim); p-Chlorotoluene - GC-MS/EPA 524.2 (interim); Dibromomethane - GC-MS/EPA 524.2 (interim); m-Dichlorobenzene - GC-MS/EPA 524.2 (interim); Dichlorodifluoromethane - GC-MS/EPA 524.2 (interim); 1,1-Dichloroethane - GC-MS/EPA 524.2 (interim); 1,3-Dichloropropane - GC-MS/EPA 524.2 (interim); 2,2-Dichloropropane - GC-MS/EPA 524.2 (interim); 1,1-Dichloropropene - GC-MS/EPA 524.2 (interim); cis-1,3-Dichloropropene - GC-MS/EPA 524.2 (interim); trans-1,3-Dichloropropene - GC-MS/EPA 524.2 (interim); Fluorotrichloromethane - GC-MS/EPA 524.2 (interim); Hexachlorobutadiene - GC-MS/EPA 524.2 (interim); Isopropylbenzene - GC-MS/EPA 524.2 (interim); p-

Isopropyltoluene - GC-MS/EPA 524.2 (interim); Naphthalene - GC-MS/EPA 524.2 (interim); n-Propylbenzene - GC-MS/EPA 524.2 (interim); 1,1,1,2-Tetrachloroethane - GC-MS/EPA 524.2 (interim); 1,1,2,2-Tetrachloroethane - GC-MS/EPA 524.2 (interim); 1,2,3-Trichlorobenzene - GC-MS/EPA 524.2 (interim); 1,2,3-Trichloropropane - GC-MS/EPA 524.2 (interim); 1,2,4-Trimethylbenzene - GC-MS/EPA 524.2 (interim); 1,3,5-Trimethylbenzene - GC-MS/EPA 524.2 (interim)

**American Water Central Laboratory**  
**1115 S. Illinois Street**  
**Belleville, IL 62220-6349**  
**(618) 235-3600**

**Cindy Nettrour**  
**cindy.nettrour@amwater.com**

**EPA ID# IL00028**

**LADHH Secondary AB (NELAP)**

**Certificate Number: LA110010**

**Date of Issue: 01-01-2011**

**Date of Expiration: 12-31-2011**

HAA5 - Monochloroacetic Acid - GC-ECD/SM 6251B; Monobromoacetic Acid - GC-ECD/SM 6251B; Dichloroacetic Acid - GC-ECD/SM 6251B; Trichloroacetic Acid - GC-ECD/SM 6251B; Dibromoacetic Acid - GC-ECD/SM 6251B; Total Haloacetic Acids - GC-ECD/SM 6251B

Herbicides - 2,4 D - GC-ECD/EPA 515.3; 2,4,5-TP (Silvex) - GC-ECD/EPA 515.3; Dalapon - GC-ECD/EPA 515.3; Dinoseb - GC-ECD/EPA 515.3; Pentachlorophenol - GC-ECD/EPA 515.3; Picloram - GC-ECD/EPA 515.3; Dicamba - GC-ECD/EPA 515.3

Metals I - Antimony - ICP-MS/EPA 200.8; Arsenic - ICP-MS/EPA 200.8; Barium - ICP-MS/EPA 200.8; Beryllium - ICP-MS/EPA 200.8; Cadmium - ICP-MS/EPA 200.8; Chromium - ICP-MS/EPA 200.8; ICP-AES/EPA 200.7; Copper - ICP-MS/EPA 200.8; Lead - ICP-MS/EPA 200.8; Mercury - ICP-MS/EPA 200.8; CVAA/EPA 245.1; CVAA/EPA 245.2; Nickel - ICP-MS/EPA 200.8; Selenium - ICP-MS/EPA 200.8; Thallium - ICP-MS/EPA 200.8

Metals II - Aluminum - ICP-MS/EPA 200.8; Calcium - ICP-AES/EPA 200.7; Iron - ICP-AES/EPA 200.7; Manganese - ICP-MS/EPA 200.8; Silver - ICP-MS/EPA 200.8; Sodium - ICP-AES/EPA 200.7; Zinc - ICP-MS/EPA 200.8

Non-Metals - Bromate - IC/EPA 300.1; Bromide - IC/EPA 300.1; Chloride - IC/EPA 300.0; Chlorite - IC/EPA 300.1; Cyanide - COLOR/EPA 335.4; Fluoride - IC/EPA 300.0; Nitrate - IC/EPA 300.0; Nitrite - IC/EPA 300.0

Others - Alkalinity - TITR/SM 2320B; DOC - IR/SM 5310C; Hardness - ICP-AES/EPA 200.7; Magnesium - ICP-AES/EPA 200.7; Orthophosphate - IC/EPA 300.0; pH - POT/SM 4500H B; Perchlorate - IC/EPA 314.0; Silica - ICP-AES/EPA 200.7; Sulfate - IC/EPA 300.0; TDS - GRAV/SM 2540C; TOC - IR/SM 5310C; Turbidity - NEPHELOMETRY/EPA 180.1; UV 254 - COLOR/SM 5910B

Pesticides I - Alachlor - GC-MS/EPA 525.2; Aldrin - GC-MS/EPA 525.2; Atrazine - GC-MS/EPA 525.2; Butachlor - GC-MS/EPA 525.2; Chlordane - GC-MS/EPA 525.2; GC-ECD/EPA 505; Dieldrin - GC-MS/EPA 525.2; Endrin - GC-MS/EPA 525.2; Heptachlor - GC-MS/EPA 525.2; Heptachlor Epoxide - GC-MS/EPA 525.2; Lindane - GC-MS/EPA 525.2; Methoxychlor - GC-MS/EPA 525.2; Metolachlor - GC-MS/EPA 525.2; Metribuzin - GC-MS/EPA 525.2; Propachlor - GC-MS/EPA 525.2; Simazine - GC-MS/EPA 525.2; Toxaphene - GC-ECD/EPA 505

Pesticides II - Aldicarb - HPLC-Fluor/EPA 531.1; Aldicarb sulfone - HPLC-Fluor/EPA 531.1; Aldicarb sulfoxide - HPLC-Fluor/EPA 531.1; Carbofuran - HPLC; Fluor/EPA 531.1; Oxamyl (Vydate) - HPLC-Fluor/EPA 531.1; 3-Hydroxycarbofuran - HPLC-Fluor/EPA 531.1; Carbaryl - HPLC-Fluor/EPA 531.1; Methomyl - HPLC-Fluor/EPA 531.1

Pesticides III - Diquat - HPLC-UV/EPA 549.2; Endothall - GC-MS/EPA 548.1; Glyphosate - HPLC-UV/EPA 547

SOCs I - Dibromochloropropane (DBCP) - GC-ECD/EPA 504.1; Ethylene Dibromide (EDB) - GC-ECD/EPA 504.1; Di(2-ethylhexyl)Adipate - GC-MS/EPA 525.2; Di(2-ethylhexyl)Phthalate - GC-MS/EPA 525.2; Hexachlorobenzene - GC-MS/EPA 525.2; Hexachlorocyclopentadiene - GC-MS/EPA 525.2; PAHs [Benzo(a)pyrene] - GC-MS/EPA 525.2; PCBs - GC-ECD/EPA 505

TTHMs - Bromoform - GC-PID+EC/EPA 502.2; GC-MS/EPA 524.2; Chloroform - GC-PID+EC/EPA 502.2; GC-MS/EPA 524.2; Bromodichloromethane - GC-PID+EC/EPA 502.2; GC-MS/EPA 524.2; Chlorodibromomethane - GC-PID+EC/EPA 502.2; GC-MS/EPA 524.2; Total Trihalomethanes - GC-PID+EC/EPA 502.2; GC-MS/EPA 524.2

VOCs I - Benzene - GC-MS/EPA 524.2; Carbon Tetrachloride - GC-MS/EPA 524.2; p-Dichlorobenzene - GC-MS/EPA 524.2; 1,2-Dichloroethane - GC-MS/EPA 524.2; 1,1-Dichloroethylene - GC-MS/EPA 524.2; 1,1,1-Trichloroethane - GC-MS/EPA 524.2; Trichloroethylene - GC-MS/EPA 524.2; Vinyl Chloride - GC-MS/EPA 524.2; Chlorobenzene - GC-MS/EPA 524.2; o-Dichlorobenzene -

GC-MS/EPA 524.2; cis-1,2-Dichloroethylene -GC-MS/EPA 524.2; trans-1,2-Dichloroethylene - GC-MS/EPA 524.2; Dichloromethane - GC-MS/EPA 524.2; 1,2-Dichloropropane - GC-MS/EPA 524.2; Ethylbenzene - GC-MS/EPA 524.2; Styrene - GC-MS/EPA 524.2; Tetrachloroethylene - GC-MS/EPA 524.2; Toluene - GC-MS/EPA 524.2; 1,1,2-Trichloroethane - GC-MS/EPA 524.2; 1,2,4-Trichlorobenzene - GC-MS/EPA 524.2; Total Xylenes - GC-MS/EPA 524.2

VOCs II (unregulated) – Bromobenzene - GC-MS/EPA 524.2; Bromochloromethane - GC-MS/EPA 524.2; Bromomethane - GC-MS/EPA 524.2; Chloroethane - GC-MS/EPA 524.2; Chloromethane - GC-MS/EPA 524.2; o-Chlorotoluene - GC-MS/EPA 524.2; p-Chlorotoluene - GC-MS/EPA 524.2; Dibromomethane - GC-MS/EPA 524.2; m-Dichlorobenzene - GC-MS/EPA 524.2; 1,1-Dichloroethane - GC-MS/EPA 524.2; Dichlorodifluoromethane - GC-MS/EPA 524.2; 1,3-Dichloropropane - GC-MS/EPA 524.2; 2,2-Dichloropropane - GC-MS/EPA 524.2; 1,1-Dichloropropene - GC-MS/EPA 524.2; cis-1,3-Dichloropropene - GC-MS/EPA 524.2; trans-1,3-Dichloropropene - GC-MS/EPA 524.2; Fluorotrichloromethane - GC-MS/EPA 524.2; 1,1,1,2-Tetrachloroethane - GC-MS/EPA 524.2; 1,1,2,2-Tetrachloroethane - GC-MS/EPA 524.2; 1,2,3-Trichloropropane - GC-MS/EPA 524.2; n-Butylbenzene - GC-MS/EPA 524.2; sec-Butylbenzene - GC-MS/EPA 524.2; tert-Butylbenzene - GC-MS/EPA 524.2; Hexachlorobutadiene - GC-MS/EPA 524.2; Isopropylbenzene - GC-MS/EPA 524.2; p-Isopropyltoluene - GC-MS/EPA 524.2; MTBE -GC-MS/EPA 524.2; Naphthalene - GC-MS/EPA 524.2; n-Propylbenzene - GC-MS/EPA 524.2; 1,2,3-Trichlorobenzene - GC-MS/EPA 524.2; 1,2,4-Trimethylbenzene - GC-MS/EPA 524.2; 1,3,5-Trimethylbenzene - GC-MS/EPA 524.2

**ANA-Lab Corp.**  
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**EPA ID# TX00063**

**LADHH Secondary AB (NELAP)**

**Certificate Number: LA110007**

**Date of Issue: 01-01-2011**

**Date of Expiration: 12-31-2011**

HAA5 - Monochloroacetic Acid - GC-ECD/EPA 552.2; Monobromoacetic Acid - GC-ECD/EPA 552.2; Dichloroacetic Acid - GC-ECD/EPA 552.2; Trichloroacetic Acid - GC-ECD/EPA 552.2 - Dibromoacetic Acid - GC-ECD/EPA 552.2; Total Haloacetic Acids - GC-ECD/EPA 552.2

Herbicides - 2,4 D - GC-ECD/EPA 515.1; 2,4,5-TP (Silvex) - GC-ECD/EPA 515.1; Dalapon - GC-ECD/EPA 515.1; Dicamba - GC-ECD/EPA 515.1; Dinoseb - GC-ECD/EPA 515.1; ; Pentachlorophenol GC-ECD/EPA 515.1; Picloram - GC-ECD/EPA 515.1

Metals I – Antimony - ICP-MS/EPA 200.8; Arsenic - ICP-MS/EPA 200.8; Beryllium - ICP-MS/EPA 200.8; Barium - ICP-MS/EPA 200.8; Cadmium - ICP-MS/EPA 200.8; Chromium - ICP-MS/EPA 200.8; Copper - ICP-MS/EPA 200.8; Lead - ICP-MS/EPA 200.8; Mercury - CVAA/EPA 245.1; Nickel - ICP-MS/EPA 200.8; Selenium - ICP-MS/EPA 200.8; Thallium - ICP-MS/EPA 200.8

Metals II – Aluminum - ICP-MS/EPA 200.8; Calcium - ICP-AES/EPA 200.7; Iron - ICP-AES/EPA 200.7; Manganese - ICP-MS/EPA 200.8; Silver - ICP-MS/EPA 200.8; Sodium - ICP-AES/EPA 200.7; Zinc - ICP-MS/EPA 200.8

Non-Metals – Bromate - IC/EPA 300.1; Bromide - IC/EPA 300.0; Chloride - IC/EPA 300.0; Chlorite - IC/EPA 300.1; Cyanide-DISTILLATION/SM 4500 CN-C,E; Fluoride - IC/EPA 300.0; Nitrate - IC/EPA 300.0; Nitrite - IC/EPA 300.0

Others - Boron - ICP-AES/EPA 200.7; Chlorine - TITR/SM 4500Cl-F & G; Color/EPA 330.4, Color/EPA 300.5; Corrosivity - POT/SM 2330B; DOC - IR/SM 5310C; EPA 415.1; Hardness --TITR/SM 2340C; EPA130.2; Magnesium - ICP-AES/EPA 200.7; Orthophosphate – IC/EPA 300.0; COLOR/SM4500P-E; COLOR/EPA 365.3; pH – POT/SM 4500H+B; POT/EPA 150.1; Perchlorate – IC/EPA 314.0; Potassium - ICP-AES/EPA 200.7; Silica - ICP-AES/EPA 200.7; Sulfate - IC/EPA 300.0; TDS - GRAV/SM 2540C; GRAV/ EPA 160.1, Temperature - THERM/SM 5310; EPA 170.1; TOC - IR/SM 5310C; EPA 415.1; UV 254 COLOR/SM 5910B

Pesticides I – Alachlor - GC-MS/EPA 525.2; Aldrin - GC-MS/EPA 525.2; Atrazine - GC-MS/EPA 525.2; Butachlor - GC-MS/EPA 525.2; Chlordane - GC-ECD/EPA 508; GC-MS/EPA 525.2; Dieldrin - GC-MS/EPA 525.2; Endrin - GC-MS/EPA 525.2; Heptachlor - GC-MS/EPA 525.2; Heptachlor Epoxide -GC-MS/EPA 525.2; Lindane - GC-MS/EPA 525.2; Methoxychlor - GC-MS/EPA 525.2; Metolachlor - GC-MS/EPA 525.2; Metribuzin - GC-MS/EPA 525.2; Propachlor - GC-MS/EPA 525.2; Simazine - GC-MS/EPA 525.2; Toxaphene - GC-ECD/EPA 508;

Pesticides II - Aldicarb - HPLC-FLUOR/EPA 531.1; Aldicarb sulfone - HPLC-FLUOR/EPA 531.1; Aldicarb sulfoxide - HPLC-FLUOR/EPA 531.1; Carbaryl – HPLC-FLUOR/EPA 531.1; Carbofuran – HPLC-FLUOR/EPA 531.1, 3-Hydroxycarbofuran – HPLC-FLUOR/EPA 531.1; Methomyl – HPLC-FLUOR/EPA 531.1; Oxamyl (Vydate) – HPLC-FLUOR/EPA 531.1

Pesticides III – Glyphosate - HPLC-UV/EPA 547

SOCs I - Dibromochloropropane (DBCP) - GC-ECD/EPA 504.1; Ethylene Dibromide (EDB) - GC-ECD/EPA 504.1; Di(2-ethylhexyl)Adipate - GC-MS/EPA 525.2; Di(2-ethylhexyl)Phthalate - GC-MS/EPA 525.2; Hexachlorobenzene - GC-MS/EPA 525.2; Hexachlorocyclopentadiene - GC-MS/EPA 525.2; PAHs [Benzo(a)pyrene] - GC-MS/EPA 525.2  
TTHMs – Bromoform - GC-MS/EPA 524.2; Chloroform - GC-MS/EPA 524.2; Bromodichloromethane - GC-MS/EPA 524.2; Chlorodibromomethane - GC-MS/EPA 524.2; Total Trihalomethanes - GC-MS/EPA 524.2

VOCs I - Benzene - GC-MS/EPA 524.2; Carbon Tetrachloride - GC-MS/EPA 524.2; p-Dichlorobenzene - GC-MS/EPA 524.2; 1,2-Dichloroethane - GC-MS/EPA 524.2; 1,1-Dichloroethylene - GC-MS/EPA 524.2; 1,1,1-Trichloroethane - GC-MS/EPA 524.2; Trichloroethylene - GC-MS/EPA 524.2; Vinyl Chloride - GC-MS/EPA 524.2; Chlorobenzene - GC-MS/EPA 524.2; o-Dichlorobenzene - GC-MS/EPA 524.2; cis-1,2-Dichloroethylene - GC-MS/EPA 524.2; trans-1,2-Dichloroethylene - GC-MS/EPA 524.2; Dichloromethane - GC-MS/EPA 524.2; 1,2-Dichloropropane - GC-MS/EPA 524.2; Ethylbenzene - GC-MS/EPA 524.2; Styrene - GC-MS/EPA 524.2; Tetrachloroethylene - GC-MS/EPA 524.2; Toluene -GC-MS/EPA 524.2; 1,1,2-Trichloroethane - GC-MS/EPA 524.2 - 1,2,4-Trichlorobenzene - GC-MS/EPA 524.2; Total Xylenes - GC-MS/EPA 524.2

VOCs II (unregulated) – Bromobenzene - GC-MS/EPA 524.2; Bromochloromethane - GC-MS/EPA 524.2; Bromomethane - GC-MS/EPA 524.2; Chloroethane - GC-MS/EPA 524.2; Chloromethane - GC-MS/EPA 524.2; o-Chlorotoluene - GC-MS/EPA 524.2; p-Chlorotoluene - GC-MS/EPA 524.2; Dibromomethane - GC-MS/EPA 524.2; m-Dichlorobenzene - GC-MS/EPA 524.2; 1,1-Dichloroethane - GC-MS/EPA 524.2; 1,3-Dichloropropane - GC-MS/EPA 524.2; 2,2-Dichloropropane - GC-MS/EPA 524.2; 1,1-Dichloropropene - GC-MS/EPA 524.2; cis-1,3-Dichloropropene - GC-MS/EPA 524.2; trans-1,3-Dichloropropene - GC-MS/EPA 524.2; Fluorotrichloromethane - GC-MS/EPA 524.2; 1,1,1,2-Tetrachloroethane - GC-MS/EPA 524.2; 1,1,2,2-Tetrachloroethane - GC-MS/EPA 524.2; 1,2,3-Trichloropropane - GC-MS/EPA 524.2; n-Butylbenzene - GC-MS/EPA 524.2; sec-Butylbenzene - GC-MS/EPA 524.2; tert-Butylbenzene - GC-MS/EPA 524.2; Hexachlorobutadiene - GC-MS/EPA 524.2; Isopropylbenzene - GC-MS/EPA 524.2; p-Isopropyltoluene - GC-MS/EPA 524.2; MTBE - GC-MS/EPA 524.2; Naphthalene - GC-MS/EPA 524.2; n-Propylbenzene - GC-MS/EPA 524.2; 1,2,3-Trichlorobenzene - GC-MS/EPA 524.2; 1,2,4-Trimethylbenzene - GC-MS/EPA 524.2; 1,3,5-Trimethylbenzene - GC-MS/EPA 524.2

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**EPA ID# OH00255**

**LADHH Secondary AB (NELAP)**

**Certificate Number: LA110028**

**Date of Issue: 03-09-2011**

**Date of Expiration: 12-31-2011**

Non-Metals – Asbestos - TEM/EPA 100.1, TEM/EPA 100.2

**Benchmark Analytics, Inc.**  
**4777 Saucon Creek Road**  
**Center Valley, PA 18034**  
**(610) 974-8100**

**Theresa Fenstermaker**  
**t.fenstermaker@benchmarkanalyticlabs.com**

**EPA ID# PA00153**

**LADHH Secondary AB (NELAP)**

**Certificate Number: LA110020**

**Date of Issue: 01-01-2011**

**Date of Expiration: 12-31-2011**

HAA5 - Monochloroacetic Acid - GC-ECD/EPA 552.2; Monobromoacetic Acid - GC-ECD/EPA 552.2; Dichloroacetic Acid - GC-ECD/EPA 552.2; Trichloroacetic Acid - GC-ECD/EPA 552.2; Dibromoacetic Acid - GC-ECD/EPA 552.2; Total Haloacetic Acids - GC-ECD/EPA 552.2

Herbicides - 2,4 D - GC-ECD/EPA 515.3; 2,4,5-TP (Silvex) - GC-ECD/EPA 515.3; Dalapon - GC-ECD/EPA 515.3; Dinoseb - GC-ECD/EPA 515.3; Pentachlorophenol - GC-ECD/EPA 515.3; Picloram - GC-ECD/EPA 515.3; Dicamba - GC-ECD/EPA 515.3

Metals I- Antimony – ICP-MS/EPA 200.8; Arsenic - ICP-MS/EPA 200.8; Beryllium - ICP-AES/EPA 200.7; ICP-MS/EPA 200.8; Barium - ICP-AES/EPA 200.7; ICP-MS/EPA 200.8; Cadmium - ICP-AES/EPA 200.7; ICP-MS/EPA 200.8; Chromium - ICP-AES/EPA 200.7; ICP-MS/EPA 200.8; Copper - ICP-AES/EPA 200.7; ICP-MS/EPA 200.8; Lead - ICP-MS/EPA 200.8; Mercury - ICP-MS/EPA 200.8; CVAA/EPA 245.1; Nickel - ICP-AES/EPA 200.7; ICP-MS/EPA 200.8; Selenium - ICP-MS/EPA 200.8; Thallium - ICP-MS/EPA 200.8

Metals II – Aluminum - ICP-AES/EPA 200.7; ICP-MS/EPA 200.8; Calcium - ICP-AES/EPA 200.7; TITR/SM 3500Ca-B; Iron - ICP-AES/EPA

200.7; Manganese - ICP-AES/EPA 200.7; ICP-MS/EPA 200.8; Silver - ICP-AES/EPA 200.7; ICP-MS/EPA 200.8; Sodium - ICP-AES/EPA 200.7; Zinc - ICP-AES/EPA 200.7

Non-Metals – Bromide - IC/EPA 300.0; Chloride - IC/EPA 300.0; Chlorite - IC/EPA 300.0; Cyanide - COLOR/SM 4500CN-C,E; COLOR/SM 4500CN-G; Fluoride - IC/EPA 300.0; Nitrate - IC/EPA 300.0; COLOR/EPA 353.2; Nitrite - IC/EPA 300.0; COLOR/SM 4500NO2-B

Others – Alkalinity - TITR/SM 2320B; Ammonia – SPEC/EPA 350.1; Chlorine - COLOR/HACH 8021; COLOR/HACH 8167; Color - COLOR/SM 2120B; Foaming Agents – COLOR/SM 5540C; Hardness - ICP-AES/EPA 200.7; TITR/2340C; Odor - ODOR/SM 2150B; Magnesium - ICP-AES/EPA 200.7; Orthophosphate - IC/EPA 300.0; COLOR/SM 4500P,B E; Perchlorate – IC/ EPA 314.0; Potassium – ICP-AES/EPA 200.7; pH- POT/SM 4500H+B; Silica – ICP-AES/EPA 200.7, COLOR/SM 4500SiO2 C; Sulfate - IC/EPA 300.0; Surfactants - COLOR/SM 5540C; Temperature - THREMOMETRY/SM 2550B; TDS - GRAV/SM 2540C; TOC- IR/SM 5310C; DOC - IR/SM 5310C; Turbidity- NEPHELOMETRY/EPA 180.1; UV-254 – COLOR/SM 5910B

Pesticides I – Alachlor - GC-ECD/EPA 505; Aldrin - GC-ECD/EPA 505; Atrazine - GC-ECD/EPA 505; Chlordane - GC-ECD/EPA 505; Dieldrin - GC-ECD/EPA 505; Endrin - GC-ECD/EPA 505; Heptachlor - GC-ECD/EPA 505; Heptachlor Epoxide - GC-ECD/EPA 505; Lindane - GC-ECD/EPA 505; Methoxychlor - GC-ECD/EPA 505; Simazine - GC-ECD/EPA 505; Toxaphene - GC-ECD/EPA 505

Radiological - Gross Alpha - PC/EPA 900.0; Gross Beta -PC/EPA 900.0; Radium 226 - PC/EPA 903.0; Radium 228 - PC/EPA 904.0; Radon 222 – SC/ SM7500 Rn-B; Tritium - SC-L/EPA 906.0; Uranium -PC/USEPA 908.0; ICP-MS/EPA 200.8

SOCs I - Dibromochloropropane (DBCP) - GC-ECD/EPA 504.1; Ethylene Dibromide (EDB) - GC-ECD/EPA 504.1; Di(2-ethylhexyl)Adipate - GC-MS/EPA 525.2; Di(2-ethylhexyl)Phthalate - GC-MS/EPA 525.2; Hexachlorobenzene - GC-ECD/EPA 505; Hexachlorocyclopentadiene - GC-ECD/EPA 505; PAHs [Benzo(a)pyrene] - GC-MS/EPA 525.2

TTHMs – Bromoform - GC-MS/EPA 524.2; Chloroform - GC-MS/EPA 524.2; Bromodichloromethane - GC-MS/EPA 524.2; Chlorodibromomethane - GC-MS/EPA 524.2; Total Trihalomethanes - GC-MS/EPA 524.2

VOCs I - Benzene - GC-MS/EPA 524.2; Carbon Tetrachloride - GC-MS/EPA 524.2; p-Dichlorobenzene - GC-MS/EPA 524.2; 1,2-Dichloroethane - GC-MS/EPA 524.2; 1,1-Dichloroethylene - GC-MS/EPA 524.2; 1,1,1-Trichloroethane - GC-MS/EPA 524.2; Trichloroethylene - GC-MS/EPA 524.2; Vinyl Chloride - GC-MS/EPA 524.2; Chlorobenzene - GC-MS/EPA 524.2; o-Dichlorobenzene - GC-MS/EPA 524.2; cis-1,2-Dichloroethylene - GC-MS/EPA 524.2; trans-1,2-Dichloroethylene - GC-MS/EPA 524.2; Dichloromethane - GC-MS/EPA 524.2; 1,2-Dichloropropane - GC-MS/EPA 524.2; Ethylbenzene - GC-MS/EPA 524.2; Styrene - GC-MS/EPA 524.2; Tetrachloroethylene - GC-MS/EPA 524.2; Toluene - GC-MS/EPA 524.2; 1,1,2-Trichloroethane - GC-MS/EPA 524.2; 1,2,4-Trichlorobenzene - GC-MS/EPA 524.2; Total Xylenes - GC-MS/EPA 524.2

VOCs II (unregulated) – Bromobenzene - GC-MS/EPA 524.2; Bromochloromethane - GC-MS/EPA 524.2; Bromomethane - GC-MS/EPA 524.2; Chloroethane - GC-MS/EPA 524.2; Chloromethane - GC-MS/EPA 524.2; o-Chlorotoluene - GC-MS/EPA 524.2; p-Chlorotoluene - GC-MS/EPA 524.2; Dibromomethane - GC-MS/EPA 524.2; m-Dichlorobenzene - GC-MS/EPA 524.2; 1,1-Dichloroethane - GC-MS/EPA 524.2; Dichlorodifluoromethane - GC-MS/EPA 524.2; 1,3-Dichloropropane - GC-MS/EPA 524.2; 2,2-Dichloropropane - GC-MS/EPA 524.2; 1,1-Dichloropropene - GC-MS/EPA 524.2; cis-1,3-Dichloropropene - GC-MS/EPA 524.2; trans-1,3-Dichloropropene - GC-MS/EPA 524.2; Fluorotrichloromethane - GC-MS/EPA 524.2; 1,1,1,2-Tetrachloroethane - GC-MS/EPA 524.2; 1,1,2,2-Tetrachloroethane - GC-MS/EPA 524.2; 1,2,3-Trichloropropane - GC-MS/EPA 524.2; n-Butylbenzene - GC-MS/EPA 524.2; sec-Butylbenzene - GC-MS/EPA 524.2; tert-Butylbenzene - GC-MS/EPA 524.2; Hexachlorobutadiene - GC-MS/EPA 524.2; Isopropylbenzene - GC-MS/EPA 524.2; p-Isopropyltoluene - GC-MS/EPA 524.2; MTBE - GC-MS/EPA 524.2; Naphthalene - GC-MS/EPA 524.2; n-Propylbenzene - GC-MS/EPA 524.2; 1,2,3-Trichlorobenzene - GC-MS/EPA 524.2; 1,2,4-Trimethylbenzene – GC-MS/EPA 524.2; 1,3,5-Trimethylbenzene - GC-MS/EPA 524.2

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**Chandra R. Appanna**  
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**EPA ID# LA00044**

**LADHH Primary AB (NELAP)**

**Certificate Number: LA110009**

**Date of Issue: 01-01-2011**

**Date of Expiration: 12-31-2011**

HAA5 - Monochloroacetic Acid - GC-ECD/EPA 552.2; Monobromoacetic Acid - GC-ECD/EPA 552.2; Dichloroacetic Acid - GC-ECD/EPA 552.2; Trichloroacetic Acid - GC-ECD/EPA 552.2; Dibromoacetic Acid - GC-ECD/EPA 552.2; Total Haloacetic Acids - GC-ECD/EPA

552.2

Metals I - Beryllium - ICP-AES/EPA 200.7; Barium - ICP-AES/EPA 200.7; Cadmium - ICP-AES/EPA 200.7; Chromium - ICP-AES/EPA 200.7; Copper - ICP-AES/EPA 200.7; Mercury - CVAA/EPA 245.1; Nickel - ICP-AES/EPA 200.7

Metals II - Aluminum - ICP-AES/EPA 200.7; Iron - ICP-AES/EPA 200.7; Manganese - ICP-AES/EPA 200.7; Silver - ICP-AES/EPA 200.7; Zinc - ICP-AES/EPA 200.7

Others - DOC - IR/SM 5310B; TOC - IR/SM 5310B; UV254 - COLOR/SM 5910B

TTHMs - Bromoform - GC-MS/EPA 524.2; Chloroform - GC-MS/EPA 524.2; Bromodichloromethane - GC-MS/EPA 524.2; Chlorodibromomethane - GC-MS/EPA 524.2; Total Trihalomethanes - GC-MS/EPA 524.2

VOCs I - Benzene - GC-MS/EPA 524.2; Carbon Tetrachloride - GC-MS/EPA 524.2; p-Dichlorobenzene - GC-MS/EPA 524.2; 1,2-Dichloroethane - GC-MS/EPA 524.2; 1,1-Dichloroethylene - GC-MS/EPA 524.2; 1,1,1-Trichloroethane - GC-MS/EPA 524.2; Trichloroethylene - GC-MS/EPA 524.2; Vinyl Chloride - GC-MS/EPA 524.2; Chlorobenzene - GC-MS/EPA 524.2; o-Dichlorobenzene - GC-MS/EPA 524.2; cis-1,2-Dichloroethylene - GC-MS/EPA 524.2; trans-1,2-Dichloroethylene - GC-MS/EPA 524.2; Dichloromethane - GC-MS/EPA 524.2; 1,2-Dichloropropane - GC-MS/EPA 524.2; Ethylbenzene - GC-MS/EPA 524.2; Styrene - GC-MS/EPA 524.2; Tetrachloroethylene - GC-MS/EPA 524.2; Toluene - GC-MS/EPA 524.2; 1,1,2-Trichloroethane - GC-MS/EPA 524.2; 1,2,4-Trichlorobenzene - GC-MS/EPA 524.2; Total Xylenes - GC-MS/EPA 524.2

**City of Fort Worth Water Department  
Centralized Water & Wastewater Laboratory  
2600 SE Loop 820  
Fort Worth, TX 76140  
(817) 551-6401**

**Connie Dunn  
connie.dunn@fortworthgov.org**

**EPA ID# # TX00017**

**LADHH Secondary AB (NELAP)**

**Certificate Number: LA110021**

**Date of Issue: 01-01-2011**

**Date of Expiration: 12-31-2011**

HAA5 - Monochloroacetic Acid - GC-ECD/EPA 552.2; Monobromoacetic Acid - GC-ECD/EPA 552.2; Dichloroacetic Acid - GC-ECD/EPA 552.2; Trichloroacetic Acid - GC-ECD/EPA 552.2; Dibromoacetic Acid - GC-ECD/EPA 552.2; Total Haloacetic Acids - GC-ECD/EPA 552.2

Herbicides - Pentachlorophenol - GC-MS/EPA 525.2

Metals I - Antimony - ICP-MS/EPA 200.8; Arsenic - ICP-MS/EPA 200.8; Beryllium - ICP-MS/EPA 200.8; Barium - ICP-MS/EPA 200.8; Cadmium - ICP-MS/EPA 200.8; Chromium - ICP-MS/EPA 200.8; Copper - ICP-MS/EPA 200.8; Lead - ICP-MS/EPA 200.8; Mercury - ICP-MS/EPA 200.8; Nickel - ICP-MS/EPA 200.8; Selenium - ICP-MS/EPA 200.8; Thallium - ICP-MS/EPA 200.8

Metals II - Aluminum - ICP-MS/EPA 200.8; Manganese - ICP-MS/EPA 200.8; Silver - ICP-MS/EPA 200.8; Zinc - ICP-MS/EPA 200.8

Non-Metals - Bromate - IC/EPA 300.1; Bromide - IC/EPA 300.1; Fluoride - IC/EPA 300.0; POT/SM 4500F-C; Nitrate - IC/EPA 300.0; Nitrite - IC/EPA 300.0; COLOR/EPA 353.2

OTHERS - Alkalinity - TITR/SM 2320B; Hardness - TITR/SM 2340C; Sulfate - IC/EPA 300.0; COLOR/EPA 375.4; Turbidity - NEPHELOMETRY/SM 2130B

Pesticides I - Atrazine - GC-MS/EPA 525.2; Aldrin - GC-MS/EPA 525.2; Dieldrin - GC-MS/EPA 525.2; Endrin - GC-MS/EPA 525.2; Heptachlor - GC-MS/EPA 525.2; Heptachlor Epoxide - GC-MS/EPA 525.2; Lindane - GC-MS/EPA 525.2; Methoxychlor - GC-MS/EPA 525.2; Metolachlor - GC-MS/EPA 525.2; Metribuzin - EPA 525.2; Propachlor - GC-MS/EPA 525.2; Simazine - GC-MS/EPA 525.2

SOCs I - Di(2-ethylhexyl)Adipate - GC-MS/EPA 525.2; Di(2-ethylhexyl)Phthalate - GC-MS/EPA 525.2; Hexachlorobenzene - GC-MS/EPA 525.2; Hexachlorocyclopentadiene - GC-MS/EPA 525.2; PAHs [Benzo(a)pyrene] - GC-MS/EPA 525.2

TTHMs - Bromoform - GC-MS/EPA 524.2; Chloroform - GC-MS/EPA 524.2; Bromodichloromethane - GC-MS/EPA 524.2; Chlorodibromomethane - GC-MS/EPA 524.2; Total Trihalomethanes - GC-MS/EPA 524.2

VOCs I – Benzene - GC-MS/EPA 524.2; Carbon Tetrachloride - GC-MS/EPA 524.2; p-Dichlorobenzene - GC-MS/EPA 524.2; 1,2-Dichloroethane - GC-MS/EPA 524.2; 1,1-Dichloroethylene - GC-MS/EPA 524.2; 1,1,1-Trichloroethane - GC-MS/EPA 524.2; Trichloroethylene - GC-MS/EPA 524.2; Vinyl Chloride - GC-MS/EPA 524.2; Chlorobenzene - GC-MS/EPA 524.2; o-Dichlorobenzene - GC-MS/EPA 524.2; cis-1,2-Dichloroethylene - GC-MS/EPA 524.2; trans-1,2-Dichloroethylene - GC-MS/EPA 524.2; Dichloromethane - GC-MS/EPA 524.2; 1,2-Dichloropropane - GC-MS/EPA 524.2; Ethylbenzene - GC-MS/EPA 524.2; Styrene - GC-MS/EPA 524.2; Tetrachloroethylene - GC-MS/EPA 524.2; Toluene - GC-MS/EPA 524.2; 1,1,2-Trichloroethane - GC-MS/EPA 524.2; 1,2,4-Trichlorobenzene - GC-MS/EPA 524.2; Total Xylenes - GC-MS/EPA 524.2

VOCs II (unregulated) – Bromobenzene - GC-MS/EPA 524.2; Bromochloromethane - GC-MS/EPA 524.2; Bromomethane - GC-MS/EPA 524.2; Chloroethane - GC-MS/EPA 524.2; Chloromethane - GC-MS/EPA 524.2; o-Chlorotoluene - GC-MS/EPA 524.2; p-Chlorotoluene - GC-MS/EPA 524.2; Dibromomethane - GC-MS/EPA 524.2; m-Dichlorobenzene - GC-MS/EPA 524.2; 1,1-Dichloroethane - GC-MS/EPA 524.2; Dichlorodifluoromethane - GC-MS/EPA 524.2; 1,3-Dichloropropane - GC-MS/EPA 524.2; 2,2-Dichloropropane - GC-MS/EPA 524.2; 1,1-Dichloropropene - GC-MS/EPA 524.2; cis-1,3-Dichloropropene - GC-MS/EPA 524.2; trans-1,3-Dichloropropene - GC-MS/EPA 524.2; Fluorotrichloromethane - GC-MS/EPA 524.2; 1,1,1,2-Tetrachloroethane - GC-MS/EPA 524.2; 1,1,2,2-Tetrachloroethane - GC-MS/EPA 524.2; 1,2,3-Trichloropropane - GC-MS/EPA 524.2; n-Butylbenzene - GC-MS/EPA 524.2; sec-Butylbenzene - GC-MS/EPA 524.2; tert-Butylbenzene - GC-MS/EPA 524.2; Hexachlorobutadiene - GC-MS/EPA 524.2; Isopropylbenzene - GC-MS/EPA 524.2; p-Isopropyltoluene - GC-MS/EPA 524.2; MTBE - GC-MS/EPA 524.2; Naphthalene - GC-MS/EPA 524.2; n-Propylbenzene - GC-MS/EPA 524.2; 1,2,3-Trichlorobenzene - GC-MS/EPA 524.2; 1,2,4-Trimethylbenzene – GC-MS/EPA 524.2; 1,3,5-Trimethylbenzene - GC-MS/EPA 524.2

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**EPA ID# TX01411**

**LADHH Secondary AB (NELAP)**

**Certificate Number: LA110023**

**Date of Issue: 01-01-2011**

**Date of Expiration: 12-31-2011**

**SOCs I - 2, 3, 7, 8-TCDD (Dioxin) - GC-HRMS/EPA 1613**

**Columbia Analytical Services, Inc.**  
**1317 South 13<sup>th</sup> Avenue**  
**Kelso, Washington 98626**  
**(360) 577-7222**

**Julie Gish**  
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**EPA ID# WA00035**

**LADHH Secondary AB (NELAP)**

**Certificate Number: LA110003**

**Date of Issue: 01-01-2011**

**Date of Expiration: 12-31-2011**

**HAA5 - Monochloroacetic Acid - GC-ECD/EPA 552.2; Monobromoacetic Acid - GC-ECD/EPA 552.2; Dichloroacetic Acid - GC-ECD/EPA 552.2; Trichloroacetic Acid - GC-ECD/EPA 552.2; Dibromoacetic Acid - GC-ECD/EPA 552.2; Total Haloacetic Acids - GC-ECD/EPA 552.2**

**Herbicides - 2,4 D - GC-ECD/EPA 515.4; 2,4,5-TP (Silvex) - GC-ECD/EPA 515.4; Dalapon - GC-ECD/EPA 515.4; Dinoseb - GC-ECD/EPA 515.4; Pentachlorophenol - GC-ECD/EPA 515.4; Picloram - GC-ECD/EPA 515.4; Dicamba - GC-ECD/EPA 515.4**

**Metals I – Antimony – ICP-MS/EPA 200.8; Arsenic - ICP-MS/EPA 200.8; GFAA/EPA 200.9; Beryllium - ICP-MS/EPA 200.8; Barium - ICP-MS/EPA 200.8; Cadmium - ICP-MS/EPA 200.8; Chromium - ICP-MS/EPA 200.8; Copper - ICP-MS/EPA 200.8; Lead - ICP-MS/EPA 200.8; GFAAS/EPA 200.9; Mercury - CVAA/EPA 245.1; Nickel - ICP-MS/EPA 200.8; Selenium - ICP-MS/EPA 200.8; GFAAS/EPA 200.9; Thallium - ICP-MS/EPA 200.8; GFAAS/EPA 200.9**

**Metals II - Aluminum - ICP-AES/EPA 200.7; ICP-MS/EPA 200.8; Calcium - ICP-AES/EPA 200.7; Iron - ICP-AES/EPA 200.7; Manganese - ICP-AES/EPA 200.7; ICP-MS/EPA 200.8; Silver - ICP-AES/EPA 200.7; ICP-MS/EPA 200.8; Sodium - ICP-AES/EPA 200.7; Zinc - ICP-AES/EPA 200.7; ICP-MS/EPA 200.8**

**Non-Metals – Bromate - IC/EPA 300.1; Bromide - IC/EPA 300.1; Chloride - IC/EPA 300.0; Chlorite - IC/EPA 300.1; Cyanide -**

COLOR/EPA 335.4; Fluoride - IC/EPA 300.0; POT/ SM4500F-C; Nitrate - IC/EPA 300.0; Nitrite - IC/EPA 300.0

Others – Alkalinity - TITR/SM 2320B; Color - COLOR/SM 2120B; Hardness - ICP-AES/EPA 200.7; Magnesium - ICP-AES/EPA 200.7; Perchlorate - IC/EPA 314.0; Potassium - ICP-AES/EPA 200.7; pH - POT/SM 4500 H+B; Silica - ICP-AES/EPA 200.7; Sulfate - IC/EPA 300.0; TDS - GRAV/SM 2540C; TOC - IR/SM 5310C; Turbidity - NEPHELOMETRY/EPA 180.1

Pesticides I – Alachlor - GC-MS/EPA 525.2; Aldrin - GC-ECD/EPA 508.1; Atrazine - GC-MS/EPA 525.2; Butachlor - GC-MS/EPA 525.2; Chlordane - GC-ECD/EPA 508.1; Dieldrin - GC-ECD/EPA 508.1; Endrin - GC-ECD/EPA 508.1; Heptachlor - GC-ECD/EPA 508.1; Heptachlor Epoxide - GC-ECD/EPA 508.1; Lindane - GC-ECD/EPA 508.1; Methoxychlor - GC-ECD/EPA 508.1; Metolachlor - GC-MS/EPA 525.2; Metribuzin - GC-MS/EPA 525.2; Propachlor - GC-MS/EPA 525.2; Simazine - GC-MS/EPA 525.2; Toxaphene - GC-ECD/EPA 508.1

Pesticides II - Aldicarb - HPLC-Fluor/EPA 531.1; Aldicarb sulfone - HPLC-Fluor/EPA 531.1; Aldicarb sulfoxide - HPLC-Fluor/EPA 531.1; Carbofuran - HPLC; Fluor/EPA 531.1; Oxamyl (Vydate) - HPLC-Fluor/EPA 531.1; Carbaryl - HPLC-Fluor/EPA 531.1; Methomyl - HPLC-Fluor/EPA 531.1

Pesticides III - Diquat - HPLC-UV/EPA 549.2; Endothall - GC-MS/EPA 548.1; Glyphosate - HPLC-UV/EPA 547

SOCs I - Dibromochloropropane (DBCP) - GC-ECD/EPA 504.1; Ethylene Dibromide (EDB) - GC-ECD/EPA 504.1; Di(2-ethylhexyl)Adipate - GC-MS/EPA 525.2; Di(2-ethylhexyl)Phthalate - GC-MS/EPA 525.2; Hexachlorobenzene - GC-MS/EPA 525.2; Hexachlorocyclopentadiene - GC-MS/EPA 525.2; PAHs [Benzo(a)pyrene] - GC-MS/EPA 525.2; PCBs - GC-ECD/EPA 508.1

TTHMs - Bromoform - GC-MS/EPA 524.2; Chloroform - GC-MS/EPA 524.2; Bromodichloromethane - GC-MS/EPA 524.2; Chlorodibromomethane - GC-MS/EPA 524.2; Total Trihalomethanes - GC-MS/EPA 524.2

VOCs I – Benzene - GC-MS/EPA 524.2; Carbon Tetrachloride - GC-MS/EPA 524.2; p-Dichlorobenzene - GC-MS/EPA 524.2; 1,2-Dichloroethane - GC-MS/EPA 524.2; 1,1-Dichloroethylene - GC-MS/EPA 524.2; 1,1,1-Trichloroethane - GC-MS/EPA 524.2; Trichloroethylene - GC-MS/EPA 524.2; Vinyl Chloride - GC-MS/EPA 524.2; Chlorobenzene - GC-MS/EPA 524.2; o-Dichlorobenzene - GC-MS/EPA 524.2; cis-1,2-Dichloroethylene - GC-MS/EPA 524.2; trans-1,2-Dichloroethylene - GC-MS/EPA 524.2; Dichloromethane - GC-MS/EPA 524.2; 1,2-Dichloropropane - GC-MS/EPA 524.2; Ethylbenzene - GC-MS/EPA 524.2; Styrene - GC-MS/EPA 524.2; Tetrachloroethylene - GC-MS/EPA 524.2; Toluene - GC-MS/EPA 524.2; 1,1,2-Trichloroethane - GC-MS/EPA 524.2; 1,2,4-Trichlorobenzene - GC-MS/EPA 524.2; Total Xylenes - GC-MS/EPA 524.2

VOCs II (unregulated) – Bromobenzene - GC-MS/EPA 524.2; Bromochloromethane - GC-MS/EPA 524.2; Bromomethane - GC-MS/EPA 524.2; Chloroethane - GC-MS/EPA 524.2; Chloromethane - GC-MS/EPA 524.2; o-Chlorotoluene - GC-MS/EPA 524.2; p-Chlorotoluene - GC-MS/EPA 524.2; Dibromomethane - GC-MS/EPA 524.2; m-Dichlorobenzene - GC-MS/EPA 524.2; 1,1-Dichloroethane - GC-MS/EPA 524.2; Dichlorodifluoromethane - GC-MS/EPA 524.2; 1,3-Dichloropropane - GC-MS/EPA 524.2; 2,2-Dichloropropane - GC-MS/EPA 524.2; 1,1-Dichloropropene - GC-MS/EPA 524.2; cis-1,3-Dichloropropene - GC-MS/EPA 524.2; trans-1,3-Dichloropropene - GC-MS/EPA 524.2; Fluorotrichloromethane - GC-MS/EPA 524.2; 1,1,1,2-Tetrachloroethane - GC-MS/EPA 524.2; 1,1,2,2-Tetrachloroethane - GC-MS/EPA 524.2; 1,2,3-Trichloropropane - GC-MS/EPA 524.2; n-Butylbenzene - GC-MS/EPA 524.2; sec-Butylbenzene - GC-MS/EPA 524.2; tert-Butylbenzene - GC-MS/EPA 524.2; Hexachlorobutadiene - GC-MS/EPA 524.2; Isopropylbenzene - GC-MS/EPA 524.2; p-Isopropyltoluene - GC-MS/EPA 524.2; MTBE - GC-MS/EPA 524.2; Naphthalene - GC-MS/EPA 524.2; n-Propylbenzene - GC-MS/EPA 524.2; 1,2,3-Trichlorobenzene - GC-MS/EPA 524.2; 1,2,4-Trimethylbenzene - GC-MS/EPA 524.2; 1,3,5-Trimethylbenzene - GC-MS/EPA 524.2

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**(985) 653-0000**

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**EPA ID# LA00955**

**LADHH (NON NELAP)**

**Certificate Number: LA110008**

**Date of Issue: 01-01-2011**

**Date of Expiration: 12-31-2011**

**Non-Metals – Chlorite – IC/EPA 300.1 (interim certification)**

**Others - Alkalinity - TITR/SM 2320B; Chlorine - COLOR/SM18-4500CI-G; DOC - IR/SM18-5310B; TOC - IR/SM18-5310B; Turbidity - NEPHELOMETRY/SM18-2130B**



**EMSL Analytical, Inc.**  
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**Cinnaminson, NJ 08077**  
**(800) 220-3675**

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**EPA ID# NJ00337**

**LADHH Secondary AB (NELAP)**

**Certificate Number: LA110011**

**Date of Issue: 01-01-2011**

**Date of Expiration: 12-31-2011**

Non-Metals – Asbestos - TEM/EPA 100.1, TEM/EPA 100.2

**Entek Environmental Laboratories, Inc.**  
**14285 Airline Highway**  
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**(225) 752-2900**

**Juliette D. Schwaller**  
**juliette.entek@gmail.com**

**EPA ID# LA00029**

**LADHH (NON-NELAP)**

**Certificate Number: LA110027**

**Date of Issue: 02-17-2011**

**Date of Expiration: 12-31-2011**

HAA5 - Monochloroacetic Acid - GC-ECD/EPA 552.2 (Provisional); Dichloroacetic Acid - GC-ECD/EPA 552.2 (Provisional); Trichloroacetic Acid - GC-ECD/EPA 552.2 (Provisional); Dibromoacetic Acid - GC-ECD/EPA 552.2 (Provisional); Total Haloacetic Acids - GC-ECD/EPA 552.2 (Provisional)

Metals I – Antimony - GFAAS/SM 3113B; Arsenic - GFAAS/SM 3113B; Barium - ICP-AES/EPA 200.7; Beryllium - ICP-AES/EPA 200.7; Cadmium - ICP-AES/EPA 200.7; Chromium - ICP-AES/EPA 200.7; Copper - ICP-AES/EPA 200.7; Lead - GFAAS/SM 3113B; Mercury - CVA/EPA 245.1; Nickel - ICP-AES/EPA 200.7; Selenium - GFAAS/SM 3113B; Thallium - GFAAS/EPA 200.9

Metals II – Aluminum - ICP-AES/EPA 200.7; Calcium - FAAS/SM 3111B; Iron - ICP-AES/EPA 200.7; Manganese - ICP-AES/EPA 200.7; Silver - FAAS/SM 3111B; Sodium - FAAS/SM 3111B; Zinc - ICP-AES/EPA 200.7

Non-Metals – Chloride - IC/EPA 300.0; TITR/SM 18<sup>th</sup> 4500 Cl-B; Cyanide - COLOR/EPA 335.2; COLOR/SM 18<sup>th</sup> 4500-CN-D,E; Fluoride - IC/EPA 300.0; POT/SM 18<sup>th</sup> 4500F-C; Nitrate - IC/EPA 300.0; Nitrite - IC/EPA 300.

Others - Alkalinity - TITR/SM 2320B; Chlorine - TITR/SM 18<sup>th</sup> 4500Cl-B; Color - COLOR/SM 18<sup>th</sup> 2120B; Foaming Agents - COLOR/SM 18<sup>th</sup> 5540C; Hardness - ---/SM 18<sup>th</sup> 2340B; Odor - ODOR/SM 18<sup>th</sup> 2150B; Boron - ICP-AES/EPA 200.7; Magnesium - FAAS/SM 3111B; Orthophosphate - COLOR/EPA 365.2; SM 18<sup>th</sup> 4500-P-E (Provisional); Potassium - FAAS/SM 3111B (Provisional); pH - POT/EPA 150.1; SM 18<sup>th</sup> 4500H-B; Sulfate - IC/EPA 300.0; TDS - GRAV/EPA 160.1; SM 18<sup>th</sup> 2540C; Turbidity - NEPHELOMETRY/EPA 180.1; SM 18<sup>th</sup> 2130D

TTHMs – Bromoform - GC-MS/EPA 524.2; Chloroform - GC-MS/EPA 524.2; Bromodichloromethane - GC-MS/EPA 524.2; Chlorodibromomethane - GC-MS/EPA 524.2; Total Trihalomethanes - GC-MS/EPA 524.2

VOCs I – Benzene - GC-MS/EPA 524.2; Carbon Tetrachloride - GC-MS/EPA 524.2; p-Dichlorobenzene - GC-MS/EPA 524.2; 1,2-Dichloroethane - GC-MS/EPA 524.2; 1,1-Dichloroethylene - GC-MS/EPA 524.2; 1,1,1-Trichloroethane - GC-MS/EPA 524.2; Trichloroethylene - GC-MS/EPA 524.2; Vinyl Chloride - GC-MS/EPA 524.2; Chlorobenzene - GC-MS/EPA 524.2; o-Dichlorobenzene - GC-MS/EPA 524.2; cis-1,2-Dichloroethylene - GC-MS/EPA 524.2; trans-1,2-Dichloroethylene - GC-MS/EPA 524.2; Dichloromethane - GC-MS/EPA 524.2; 1,2-Dichloropropane - GC-MS/EPA 524.2; Ethylbenzene - GC-MS/EPA 524.2; Styrene - GC-MS/EPA 524.2; Tetrachloroethylene - GC-MS/EPA 524.2; Toluene - GC-MS/EPA 524.2; 1,1,2-Trichloroethane - GC-MS/EPA 524.2; 1,2,4-Trichlorobenzene - GC-MS/EPA 524.2; Total Xylenes - GC-MS/EPA 524.2

VOCs II (unregulated) – Bromobenzene - GC-MS/EPA 524.2; Bromochloromethane - GC-MS/EPA 524.2; Bromomethane - GC-MS/EPA 524.2; Chloroethane - GC-MS/EPA 524.2; Chloromethane - GC-MS/EPA 524.2; o-Chlorotoluene - GC-MS/EPA 524.2; p-Chlorotoluene - GC-MS/EPA 524.2; Dibromomethane - GC-MS/EPA 524.2; m-Dichlorobenzene - GC-MS/EPA 524.2; 1,1-Dichloroethane - GC-MS/EPA 524.2; Dichlorodifluoromethane - GC-MS/EPA 524.2; 1,3-Dichloropropane - GC-MS/EPA 524.2; 2,2-Dichloropropane - GC-MS/EPA

524.2; 1,1-Dichloropropene - GC-MS/EPA 524.2; cis-1,3-Dichloropropene - GC-MS/EPA 524.2; trans-1,3-Dichloropropene - GC-MS/EPA 524.2; Fluorotrichloromethane - GC-MS/EPA 524.2; 1,1,1,2-Tetrachloroethane - GC-MS/EPA 524.2; 1,1,2,2-Tetrachloroethane - GC-MS/EPA 524.2; 1,2,3-Trichloropropane - GC-MS/EPA 524.2; n-Butylbenzene - GC-MS/EPA 524.2; sec-Butylbenzene - GC-MS/EPA 524.2; tert-Butylbenzene - GC-MS/EPA 524.2; Hexachlorobutadiene - GC-MS/EPA 524.2; Isopropylbenzene - GC-MS/EPA 524.2; p-Isopropyltoluene - GC-MS/EPA 524.2; MTBE - GC-MS/EPA 524.2; Napthalene - GC-MS/EPA 524.2; n-Propylbenzene - GC-MS/EPA 524.2; 1,2,3-Trichlorobenzene - GC-MS/EPA 524.2; 1,2,4-Trimethylbenzene - GC-MS/EPA 524.2; 1,3,5-Trimethylbenzene - GC-MS/EPA 524.2

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**EPA ID# SC00012**

**LADHH Secondary AB (NELAP)**

**Certificate Number: LA110006**

**Date of Issue: 01-01-2011**

**Date of Expiration: 12-31-2011**

HAA5 - Monochloroacetic Acid - GC-ECD/EPA 552.2; Monobromoacetic Acid - GC-ECD/EPA 552.2; Dichloroacetic Acid - GC-ECD/EPA 552.2; Trichloroacetic Acid - GC-ECD/EPA 552.2; Dibromoacetic Acid - GC-ECD/EPA 552.2; Total Haloacetic Acids - GC-ECD/EPA 552.2

Metals I - Antimony-ICP-MS/EPA 200.8; Arsenic - ICP-MS/EPA 200.8; Beryllium - ICP-AES/EPA 200.7; ICP-MS/EPA 200.8; Barium - ICP-AES/EPA 200.7; ICP-MS/EPA 200.8; Cadmium - ICP-AES/EPA 200.7; ICP-MS/EPA 200.8; Chromium - ICP-AES/EPA 200.7; ICP-MS/EPA 200.8; Copper - ICP-AES/EPA 200.7; ICP-MS/EPA 200.8; Lead - ICP-MS/EPA 200.8; Mercury - CVAA/EPA 245.1; Nickel - ICP-AES/EPA 200.7; ICP-MS/EPA 200.8; Selenium - ICP-MS/EPA 200.8; Thallium - ICP-MS/EPA 200.8

Metals II - Aluminum - ICP-AES/EPA 200.7; ICP-MS/EPA 200.8; Calcium - ICP-AES/EPA 200.7; Iron - ICP-AES/EPA 200.7; Manganese - ICP-AES/EPA 200.7; ICP-MS/EPA 200.8; Silver - ICP-AES/EPA 200.7; ICP-MS/EPA 200.8; Sodium - ICP-AES/EPA 200.7; Zinc - ICP-AES/EPA 200.7; ICP-MS/EPA 200.8;

Non-Metals - Bromide - IC/EPA 300.0; Chloride - IC/EPA 300.0; Fluoride - IC/EPA 300.0; Nitrate - IC/EPA 300.0; Nitrite - IC/EPA 300.0

Others - Alkalinity - TITR/SM 2320B; Color - COLOR/EPA 110.2; Orthophosphate - IC/EPA 300.0; Perchlorate - IC/EPA 314.0; EPA 6850; pH - POT/EPA 150.1; Silica - ICP-AES/EPA 200.7; Sulfate - IC/EPA 300.0; TDS - GRAV/EPA 160.1

SOCs I - Dibromochloropropane (DBCP) - GC-ECD/EPA 504.1; Ethylene Dibromide (EDB) - GC-ECD/EPA 504.1

TTHMs - Bromoform - GC-MS/EPA 524.2; Chloroform - GC-MS/EPA 524.2; Bromodichloromethane - GC-MS/EPA 524.2; Chlorodibromomethane - GC-MS/EPA 524.2; Total Trihalomethanes - GC-MS/EPA 524.2

VOCs I - Benzene - GC-MS/EPA 524.2; Carbon Tetrachloride - GC-MS/EPA 524.2; p-Dichlorobenzene - GC-MS/EPA 524.2; 1,2-Dichloroethane - GC-MS/EPA 524.2; 1,1-Dichloroethylene - GC-MS/EPA 524.2; 1,1,1-Trichloroethane - GC-MS/EPA 524.2; Trichloroethylene - GC-MS/EPA 524.2; Vinyl Chloride - GC-MS/EPA 524.2; Chlorobenzene - GC-MS/EPA 524.2; o-Dichlorobenzene - GC-MS/EPA 524.2; cis-1,2-Dichloroethylene - GC-MS/EPA 524.2; trans-1,2-Dichloroethylene - GC-MS/EPA 524.2; Dichloromethane - GC-MS/EPA 524.2; 1,2-Dichloropropane - GC-MS/EPA 524.2; Ethylbenzene - GC-MS/EPA 524.2; Styrene - GC-MS/EPA 524.2; Tetrachloroethylene - GC-MS/EPA 524.2; Toluene - GC-MS/EPA 524.2; 1,1,2-Trichloroethane - GC-MS/EPA 524.2; 1,2,4-Trichlorobenzene - GC-MS/EPA 524.2; Total Xylenes - GC-MS/EPA 524.2

VOCs II (unregulated) - Bromobenzene - GC-MS/EPA 524.2; Bromochloromethane - GC-MS/EPA 524.2; Bromomethane - GC-MS/EPA 524.2; Chloroethane - GC-MS/EPA 524.2; Chloromethane - GC-MS/EPA 524.2; o-Chlorotoluene - GC-MS/EPA 524.2; p-Chlorotoluene - GC-MS/EPA 524.2; Dibromomethane - GC-MS/EPA 524.2; m-Dichlorobenzene - GC-MS/EPA 524.2; 1,1-Dichloroethane - GC-MS/EPA 524.2; Dichlorodifluoromethane - GC-MS/EPA 524.2; 1,3-Dichloropropane - GC-MS/EPA 524.2; 2,2-Dichloropropane - GC-MS/EPA 524.2; 1,1-Dichloropropene - GC-MS/EPA 524.2; cis-1,3-Dichloropropene - GC-MS/EPA 524.2; trans-1,3-Dichloropropene - GC-MS/EPA 524.2; Fluorotrichloromethane - GC-MS/EPA 524.2; 1,1,1,2-Tetrachloroethane - GC-MS/EPA 524.2; 1,1,2,2-Tetrachloroethane - GC-MS/EPA 524.2; 1,2,3-Trichloropropane - GC-MS/EPA 524.2; n-Butylbenzene - GC-MS/EPA 524.2; sec-Butylbenzene - GC-MS/EPA 524.2; tert-Butylbenzene - GC-MS/EPA 524.2; Hexachlorobutadiene - GC-MS/EPA 524.2; Isopropylbenzene - GC-MS/EPA 524.2; p-Isopropyltoluene - GC-MS/EPA 524.2; MTBE - GC-MS/EPA 524.2; Napthalene - GC-MS/EPA 524.2; n-Propylbenzene - GC-MS/EPA 524.2; 1,2,3-Trichlorobenzene - GC-MS/EPA 524.2; 1,2,4-Trimethylbenzene - GC-MS/EPA 524.2; 1,3,5-Trimethylbenzene - GC-MS/EPA 524.2

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**EPA ID# OH00014**

**LADHH Secondary AB (NELAP)**

**Certificate Number: LA110005**

**Date of Issue: 01-01-2011**

**Date of Expiration: 12-31-2011**

HAA5 - Monochloroacetic Acid - GC-ECD/EPA 552.2; Monobromoacetic Acid - GC-ECD/EPA 552.2; Dichloroacetic Acid - GC-ECD/EPA 552.2; Trichloroacetic Acid - GC-ECD/EPA 552.2; Dibromoacetic Acid - GC-ECD/EPA 552.2; Total Haloacetic Acids - GC-ECD/EPA 552.2

Herbicides - 2,4 D - GC-ECD/EPA 515.1; 2,4,5-TP (Silvex) - GC-ECD/EPA 515.1; Dalapon - GC-ECD/EPA 515.1; Dinoseb - GC-ECD/EPA 515.1; Pentachlorophenol - GC-ECD/EPA 515.1; Picloram - GC-ECD/EPA 515.1; Dicamba - GC-ECD/EPA 515.1

Metals I – Antimony -ICP-MS/EPA 200.8; Arsenic - ICP-MS/EPA 200.8; Beryllium - ICP-MS/EPA 200.8; Barium - ICP-AES/EPA 200.7; ICP-MS/EPA 200.8; Cadmium - ICP-MS/EPA 200.8; Chromium - ICP-AES/EPA 200.7; ICP-MS/EPA 200.8; Copper - ICP-AES/EPA 200.7; ICP-MS/EPA 200.8; Lead - ICP-MS/EPA 200.8; Mercury - CVAAS/EPA 245.1; CVAAS/EPA 245.2; Nickel - ICP-AES/EPA 200.7; ICP-MS/EPA 200.8; Selenium - ICP-MS/EPA 200.8; Thallium - ICP-MS/EPA 200.8

Metals II – Aluminum – ICP-AES/EPA 200.7; Calcium - ICP-AES/EPA 200.7; Iron - ICP-AES/EPA 200.7; Manganese - ICP-AES/EPA 200.7; Sodium - ICP-AES/EPA 200.7; Zinc - ICP-AES/EPA 200.7

Non-Metals – Chlorate - IC/EPA 300.0; Chloride - IC/EPA 300.0; Chlorite - IC/EPA 300.0; Cyanide - COLOR/EPA 335.4; Fluoride - POT/SM 4500F-C; Nitrate - COLOR/EPA 353.2; COLOR/SM 4500-NO<sub>3</sub>F; Nitrite - COLOR/EPA 353.2

Others - Alkalinity - TITR/SM 2320B; Color – COLOR/SM 2120B; DOC – IR/SM 5130B; Hardness - ICP-AES/EPA 200.7; SM 3120B; pH - POT/EPA 150.1; Sulfate - IC/EPA 300.0; TDS - GRAV/SM 2540C; TOC – IR/SM 5310B; UV254 – COLOR/SM 5910B

Pesticides I - Alachlor - GC-MS/EPA 525.2; Aldrin - GC-ECD/EPA 508; Atrazine - GC-MS/EPA 525.2; Butachlor - GC-MS/EPA 525.2; Chlordane - GC-ECD/EPA 508; Dieldrin - GC-ECD/EPA 508; Endrin - GC-ECD/EPA 508; Heptachlor - GC-ECD/EPA 508; Heptachlor Epoxide - GC-ECD/EPA 508; Lindane - GC-ECD/EPA 508; Methoxychlor - GC-ECD/EPA 508; Metolachlor - GC-MS/EPA 525.2; Metribuzin - GC-MS/EPA 525.2; Propachlor - GC-ECD/EPA 508; GC-MS/EPA 525.2; Simazine - GC-MS/EPA 525.2; Toxaphene - GC-ECD/EPA 508

Pesticides II - Aldicarb - HPLC-FLUOR/EPA 531.2; Aldicarb sulfone - HPLC-FLUOR/EPA 531.2; Aldicarb sulfoxide - HPLC-FLUOR/EPA 531.2; Carbofuran - HPLC-FLUOR/EPA 531.2; Oxamyl (Vydate) - HPLC-FLUOR/EPA 531.2; 3-Hydroxycarbofuran - HPLC-FLUOR/EPA 531.2; Carbaryl - HPLC-FLUOR/EPA 531.2; Methomyl - HPLC-FLUOR/EPA 531.2

Pesticides III – Diquat - HPLC-UV/EPA 549.2; Endothall - GC-MS/EPA 548.1; Glyphosate - HPLC-UV/EPA 547

SOCs I - Dibromochloropropane (DBCP) - GC-ECD/EPA 504.1; Ethylene Dibromide (EDB) - GC-ECD/EPA 504.1; Di(2-ethylhexyl)Adipate - GC-MS/EPA 525.2; Di(2-ethylhexyl)Phthalate - GC-MS/EPA 525.2; Hexachlorobenzene - GC-ECD/EPA 508; GC-MS/EPA 525.2; Hexachlorocyclopentadiene - GC-ECD/EPA 508; GC-MS/EPA 525.2; PAHs [Benzo(a)pyrene] - GC-MS/EPA 525.2

TTHMs - Bromoform - GC-MS/EPA 524.2; Chloroform - GC-MS/EPA 524.2; Bromodichloromethane - GC-MS/EPA 524.2; Chlorodibromomethane - GC-MS/EPA 524.2; Total Trihalomethanes - GC-MS/EPA 524

VOCs I – Benzene - GC-MS/EPA 524.2; Carbon Tetrachloride - GC-MS/EPA 524.2; p-Dichlorobenzene- GC-MS/EPA 524.2; 1,2-Dichloroethane - GC-MS/EPA 524.2; 1,1-Dichloroethylene - GC-MS/EPA 524.2; 1,1,1-Trichloroethane - GC-MS/EPA 524.2; Trichloroethylene - GC-MS/EPA 524.2; Vinyl Chloride - GC-MS/EPA 524.2; Chlorobenzene - GC-MS/EPA 524.2; o-Dichlorobenzene - GC-MS/EPA 524.2; cis-1,2-Dichloroethylene - GC-MS/EPA 524.2; ; trans-1,2-Dichloroethylene - GC-MS/EPA 524.2; Dichloromethane - GC-MS/EPA 524.2; 1,2-Dichloropropane - GC-MS/EPA 524.2; Ethylbenzene - GC-MS/EPA 524.2; Styrene - GC-MS/EPA 524.2; Tetrachloroethylene - GC-MS/EPA 524.2; Toluene - GC-MS/EPA 524.2; 1,1,2-Trichloroethane - GC-MS/EPA 524.2; 1,2,4-Trichlorobenzene - GC-MS/EPA 524.2; Total Xylenes - GC-MS/EPA 524.2

VOCs II (unregulated) – Bromobenzene - GC-MS/EPA 524.2; Bromochloromethane - GC-MS/EPA 524.2; Bromomethane - GC-MS/EPA 524.2; Chloroethane - GC-MS/EPA 524.2; Chloromethane - GC-MS/EPA 524.2; o-Chlorotoluene - GC-MS/EPA 524.2; p-Chlorotoluene - GC-MS/EPA 524.2; Dibromomethane - GC-MS/EPA 524.2; m-Dichlorobenzene - GC-MS/EPA 524.2; 1,1-Dichloroethane - GC-MS/EPA 524.2; Dichlorodifluoromethane - GC-MS/EPA 524.2; 1,3-Dichloropropane - GC-MS/EPA 524.2; 2,2-Dichloropropane - GC-MS/EPA 524.2; 1,1-Dichloropropene - GC-MS/EPA 524.2; cis-1,3-Dichloropropene - GC-MS/EPA 524.2; trans-1,3-Dichloropropene - GC-MS/EPA 524.2; Fluorotrichloromethane - GC-MS/EPA 524.2; 1,1,1,2-Tetrachloroethane - GC-MS/EPA 524.2; 1,1,2,2-Tetrachloroethane - GC-MS/EPA 524.2; 1,2,3-Trichloropropane - GC-MS/EPA 524.2; n-Butylbenzene - GC-MS/EPA 524.2; sec-Butylbenzene - GC-MS/EPA 524.2; tert-Butylbenzene - GC-MS/EPA 524.2; Hexachlorobutadiene - GC-MS/EPA 524.2; Isopropylbenzene - GC-MS/EPA 524.2; p-Isopropyltoluene - GC-MS/EPA 524.2; MTBE - GC-MS/EPA 524.2; n-Propylbenzene - GC-MS/EPA 524.2; 1,2,3-Trichlorobenzene - GC-MS/EPA 524.2; 1,2,4-Trimethylbenzene - GC-MS/EPA 524.2; 1,3,5-Trimethylbenzene - GC-MS/EPA 524.2

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**EPA ID# LA00002**

**LADHH (NON-NELAP)**

**Certificate Number: LA110012**

**Date of Issue: 01-01-2011**

**Date of Expiration: 12-31-2011**

HAA5 - Monochloroacetic Acid - GC-ECD/EPA 552.2; Monobromoacetic Acid - GC-ECD/EPA 552.2; Dichloroacetic Acid - GC-ECD/EPA 552.2; Trichloroacetic Acid - GC-ECD/EPA 552.2; Dibromoacetic Acid - GC-ECD/EPA 552.2; Total Haloacetic Acids - GC-ECD/EPA 552.2

Metals I –Antimony – GFAA/SM3113B; Arsenic - GFAA/SM3113B; Beryllium - ICP-AES/EPA 200.7; Barium - ICP-AES/EPA 200.7; Cadmium - ICP-AES/EPA 200.7; Chromium - ICP-AES/EPA 200.7; Copper - ICP-AES/EPA 200.7; Lead - GFAA/ SM3113B; Mercury – CVAA/EPA 245.1; Nickel - ICP-AES/EPA 200.7; Selenium - GFAA/ SM3113B; Thallium - GFAA/EPA 200.9

Metals II – Aluminum - ICP-AES/EPA 200.7; Iron - ICP-AES/EPA 200.7; Manganese - ICP-AES/EPA 200.7; Silver - ICP-AES/EPA 200.7; Zinc - ICP-AES/EPA 200.7

Non-Metals - Nitrate - IC/EPA 300.0; Nitrite - IC/EPA 300.0

Others –TOC - IR/SM 5310C; DOC - IR/SM 5310C; UV254 - COLOR/SM 5910B

Pesticides I – Alachlor - GC-ECD/EPA 505; Atrazine - GC-ECD/EPA 505; Simazine - GC-ECD/EPA 505

TTHMs - Bromoform - GC-PID+EC/EPA 502.2; Chloroform - GC-PID+EC/EPA 502.2; Bromodichloromethane - GC-PID+EC/EPA 502.2; Chlorodibromomethane - GC-PID+EC/EPA 502.2; Total Trihalomethanes - GC-PID+EC/EPA 502.2

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**EPA ID# CA00006**

**LADHH Secondary AB (NELAP)**

**Certificate Number: LA110022**

**Date of Issue: 01-01-2011**

**Date of Expiration: 12-31-2011**

HAA5 - Monobromoacetic Acid - GC-ECD/SM 6251B; GC-ECD/EPA 552.3; Monochloroacetic Acid - GC-ECD/SM 6251B; GC-ECD/EPA 552.3; Dibromoacetic Acid - GC-ECD/SM 6251B; GC-ECD/EPA 552.3; Dichloroacetic Acid - GC-ECD/SM 6251B; GC-ECD/EPA 552.3; Trichloroacetic Acid - GC-ECD/SM 6251B; GC-ECD/EPA 552.3; Total Haloacetic Acids - GC-ECD/SM 6251B; GC-ECD/EPA 552.3

Herbicides - 2,4 D - GC-ECD/EPA 515.4; Dalapon - GC-ECD/EPA 515.4; GC-ECD/EPA 552.3; Dicamba - GC-ECD/EPA 515.4; Dinoseb - GC-ECD/EPA 515.4; Pentachlorophenol - GC-ECD/EPA 515.4; GC-MS/EPA 525.2; Picloram - GC-ECD/EPA 515.4; 2,4,5-TP (Silvex) - GC-ECD/EPA 515.4

Metals I – Antimony - ICP-MS/EPA 200.8; Arsenic - ICP-MS/EPA 200.8; Beryllium - ICP-AES/EPA 200.7; ICP-MS/EPA 200.8; Barium - ICP-AES/EPA 200.7; ICP-MS/EPA 200.8; Cadmium - ICP-AES/EPA 200.7; ICP-MS/EPA 200.8; Chromium - ICP-AES/EPA 200.7; ICP-MS/EPA 200.8; Copper - ICP-AES/EPA 200.7; ICP-MS/EPA 200.8; Lead - ICP-MS/EPA 200.8; Mercury - CVAA/EPA 245.1; Nickel - ICP-AES/EPA 200.7; ICP-MS/EPA 200.8; Selenium - ICP-MS/EPA 200.8; Thallium - ICP-MS/EPA 200.8

Metals II - Aluminum - ICP-AES/EPA 200.7; ICP-MS/EPA 200.8; Calcium - ICP-AES/EPA 200.7; Iron - ICP-AES/EPA 200.7; Manganese - ICP-AES/EPA 200.7; ICP-MS/EPA 200.8; Silver - ICP-AES/EPA 200.7; ICP-MS/EPA 200.8; Sodium - ICP-AES/EPA 200.7; Zinc - ICP-AES/EPA 200.7; ICP-MS/EPA 200.8

Non-Metals – Asbestos - TEM EPA 100.2; Bromate - IC/EPA 300.1; IC/EPA 317.0; Bromide - IC/EPA 300.0; IC/EPA 300.1; Chloride - IC/EPA 300.0; Chlorine Dioxide - TITR/SM 4500 ClO<sub>2</sub>-D; Chlorite; IC/EPA 300.0; IC/EPA 300.1; IC/EPA 317.0; Cyanide - DISTILLATION/SM 4500CN-G; POT/SM 4500CN-F; POT/EPA 335.4; Fluoride - POT/SM 4500F-C; Nitrate - IC/EPA 300.0; COLOR/EPA 353.2; Nitrite - IC/EAP 300.0; COLOR/EPA 353.2

Others – Alkalinity - TITR/SM 2320B; Chlorine - COLOR/SM 4500Cl-G; Corrosivity - POT/SM 2330B; DOC - IR/SM 5310C; Hardness - SM 2340B; ICP-AES/EPA 200.7; Magnesium - ICP-AES/EPA 200.7; Orthophosphate - COLOR/SM 4500P-E; COLOR/EPA 365.1; Perchlorate – IC/EPA 314.0; IC/EPA 331.0; pH - POT/EPA 150.1; POT/SM 4500H-B; Potassium - ICP-AES/EPA 200.7; Silica - ICP-AES/EPA 200.7; COLOR/SM 4500SiO<sub>2</sub>-C; Sulfate - IC/EPA 300.0; Surfactants - COLOR/SM 5540C; TDS – GRAV/SM 2540C; TOC -IR/SM 5310C; Turbidity - NEPHELOMETRY/EPA 180.1; UV-254 - COLOR/SM 5910B

Pesticides I - Alachlor - GC-ECD/EPA 505; GC-MS/EPA 525.2; Aldrin - GC-ECD/EPA 505; GC-MS/EPA 525.2; Atrazine - GC-MS/EPA 525.2; Butachlor -GC-MS/EPA 525.2; Chlordane - GC-ECD/EPA 505; GC-MS/EPA 525.2; Dieldrin - GC-ECD/EPA 505; GC-MS/EPA 525.2; Endrin - GC-ECD/EPA 505; GC-MS/EPA 525.2; Heptachlor - GC-ECD/EPA 505; GC-MS/EPA 525.2; Heptachlor Epoxide - GC-ECD/EPA 505; GC-MS/EPA 525.2; Lindane - GC-ECD/EPA 505; GC-MS/EPA 525.2; Methoxychlor - GC-ECD/EPA 505; GC-MS/EPA 525.2; Metolachlor - GC-MS/EPA 525.2; Metribuzin - GC-MS/EPA 525.2; Propachlor - GC-MS/EPA 525.2; Simazine - GC-MS/EPA 525.2; Toxaphene - GC-ECD/EPA 505

Pesticides II – Aldicarb - HPLC-FLUOR/EPA 531.2; Aldicarb sulfone - HPLC-FLUOR/EPA 531.2; Aldicarb sulfoxide - HPLC-FLUOR/EPA 531.2; Carbaryl - HPLC-FLUOR/EPA; Carbofuran - HPLC-FLUOR/EPA 531.2; 3-Hydroxycarbofuran - HPLC-FLUOR/EPA 531.2; Methomyl - HPLC-FLUOR/EPA EPA 531.2; Oxamyl (Vydate) - HPLC-FLUOR/EPA 531.2

Pesticides III - Diquat - HPLC-UV/EPA 549.2; Endothall - GC-MS/EPA 548.1; Glyphosate - HPLC-UV/EPA 547

Radiological - Gross Alpha - PC/EPA 900.0; Gross Beta -PC/EPA 900.0; Radium 228 - PC/EPA 904.0; Radon 222 – SC/ SM7500 Rn-B; Uranium - ICP-MS/EPA 200.8

SOCs I - Di(2-ethylhexyl)Adipate - GC-MS/EPA 525.2; Di(2-ethylhexyl)Phthalate - GC-MS/EPA 525.2; Dibromochloropropane (DBCP) - GC-ECD/EPA 504.1; EPA 551.1; Ethylene Dibromide (EDB) - GC-ECD/EPA 504.1; EPA 551.1; Hexachlorobenzene - GC-MS/EPA 525.2; Hexachlorocyclopentadiene - GC-MS/EPA 525.2; PAHs [Benzo(a)pyrene] - GC-MS/EPA 525.2; PCBs - GC-ECD/EPA 505; 2,3,7,8-TCDD (Dioxin) – GC-MS/EPA 1613

TTHMs - Bromodichloromethane - GC-ECD/EPA 551.1; GC-MS/EPA 524.2; Bromoform - GC-ECD/EPA 551.1; GC-MS/EPA 524.2; Chlorodibromomethane - GC-ECD/EPA 551.1; GC-MS/EPA 524.2; Chloroform - GC-ECD/EPA 551.1; GC-MS/EPA 524.2; Total Trihalomethanes - GC-ECD/EPA 551.1; GC-MS/EPA 524.2;

VOCs I - Benzene - GC-MS/EPA 524.2; Carbon Tetrachloride - GC-MS/EPA 524.2; Chlorobenzene - GC-MS/EPA 524.2; o-Dichlorobenzene - GC-MS/EPA 524.2; p-Dichlorobenzene - GC-MS/EPA 524.2; Dichloromethane - GC-MS/EPA 524.2; 1,2-Dichloroethane - GC-MS/EPA 524.2; 1,1-Dichloroethylene - GC-MS/EPA 524.2; cis-1,2-Dichloroethylene - GC-MS/EPA 524.2; trans-1,2-Dichloroethylene - GC-MS/EPA 524.2; 1,2-Dichloropropane - GC-MS/EPA 524.2; Ethylbenzene - GC-MS/EPA 524.2; Styrene - GC-MS/EPA 524.2; Tetrachloroethylene - GC-MS/EPA 524.2; Toluene - GC-MS/EPA 524.2; 1,2,4-Trichlorobenzene – GC-MS/EPA 524.2 1,1,1-Trichloroethane - GC-MS/EPA 524.2; 1,1,2-Trichloroethane - GC-MS/EPA 524.2 Trichloroethylene - GC-MS/EPA 524.2; Vinyl Chloride - GC-MS/EPA 524.2; Total Xylenes - GC-MS/EPA 524.2

VOCs II (unregulated) - Bromobenzene - GC-MS/EPA 524.2; Bromochloromethane - GC-MS/EPA 524.2; Bromomethane - GC-MS/EPA 524.2; n-Butylbenzene - GC-MS/EPA 524.2; sec-Butylbenzene - GC-MS/EPA 524.2; tert-Butylbenzene - GC-MS/EPA 524.2; Chloroethane - GC-MS/EPA 524.2; Chloromethane - GC-MS/EPA 524.2; o-Chlorotoluene; GC-MS/EPA 524.2; p-Chlorotoluene - GC-MS/EPA 524.2; Dibromomethane - GC-MS/EPA 524.2; m-Dichlorobenzene - GC-MS/EPA 524.2; Dichlorodifluoromethane - GC-MS/EPA 524.2; 1,1-Dichloroethane - GC-MS/EPA 524.2; 1,3-Dichloropropane - GC-MS/EPA 524.2; 2,2-Dichloropropane - GC-MS/EPA 524.2; 1,1-Dichloropropene - GC-MS/EPA 524.2; cis-1,3-Dichloropropene - GC-MS/EPA 524.2; trans-1,3-Dichloropropene - GC-MS/EPA 524.2; Fluorotrichloromethane - GC-MS/EPA 524.2; Hexachlorobutadiene - GC-MS/EPA 524.2; Isopropylbenzene - GC-MS/EPA 524.2; p-Isopropyltoluene - GC-MS/EPA 524.2; MTBE – GC-MS/EPA 524.2; Naphthalene - GC-MS/EPA 524.2; n-Propylbenzene - GC-MS/EPA 524.2; 1,1,1,2-Tetrachloroethane - GC-MS/EPA 524.2; 1,1,2,2-Tetrachloroethane - GC-MS/EPA 524.2; 1,2,3-Trichlorobenzene -GC-MS/EPA 524.2; 1,2,3-Trichloropropane - GC-ECD/EPA 504.1; GC-MS/EPA 524.2; 1,2,4-Trimethylbenzene -GC-MS/EPA 524.2, 1,3,5-Trimethylbenzene – GC-MS/EPA 524.2

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**EPA ID# MI00044**

**LADHH Primary AB (NELAP)**

**Certificate Number: LA110018**

**Date of Issue: 01-01-2011**

**Date of Expiration: 12-31-2011**

HAA5 - Monochloroacetic Acid - GC-ECD/EPA 552.2; Monobromoacetic Acid - GC-ECD/EPA 552.2; Dichloroacetic Acid - GC-ECD/EPA 552.2; Trichloroacetic Acid - GC-ECD/EPA 552.2 - Dibromoacetic Acid - GC-ECD/EPA 552.2; Total Haloacetic Acids - GC-ECD/EPA 552.2

Herbicides - 2,4 D - GC-ECD/EPA 515.2; 2,4,5-TP (Silvex) - GC-ECD/EPA 515.2; Dalapon - GC-ECD/EPA 515.3; GC-ECD/EPA 552.2; Dicamba - GC-ECD/EPA 515.2; Dinoseb - GC-ECD/EPA 515.2; Pentachlorophenol - GC-ECD/EPA 515.2; Picloram - GC-ECD/EPA 515.2;

Metals I – Antimony - ICP-MS/EPA 200.8; GFAA/SM 3113B; Arsenic - ICP-MS/EPA 200.8; GFAA/SM 3113B; Beryllium - ICP-AES/EPA 200.7; ICP-MS/EPA 200.8; Barium - ICP-AES/EPA 200.7; ICP-MS/EPA 200.8; Cadmium - ICP-AES/EPA 200.7; ICP-MS/EPA 200.8; Chromium - ICP-AES/EPA 200.7; ICP-MS/EPA 200.8; GFAA/SM 3113B; Copper - ICP-AES/EPA 200.7; ICP-MS/EPA 200.8; Lead - ICP-MS/EPA 200.8; GFAA/SM 3113B; Mercury – ICP-MS/EPA 200.8; Nickel - ICP-MS/EPA 200.8; GFAA/SM 3113B; ICP-AES/EPA 200.7; Selenium - ICP-MS/EPA 200.8; GFAA/SM 3113B; Thallium - ICP-MS/EPA 200.8; GFAA/EPA 200.9

Metals II – Aluminum - ICP-AES/EPA 200.7; Calcium - ICP-AES/EPA 200.7; Iron - ICP-AES/EPA 200.7; Manganese - ICP-AES/EPA 200.7; ICP-MS/EPA 200.8; Silver - ICP-AES/EPA 200.7; ICP-MS/EPA 200.8; Sodium - ICP-AES/EPA 200.7; Zinc - ICP-AES/EPA 200.7; ICP-MS/EPA 200.8

Non-Metals - Bromate - IC/EPA 300.1; Bromide - IC/EPA 300.0; IC/EPA 300.1; Chloride - IC/EPA 300.0; Chlorate - IC/EPA 300.1; Chlorite - IC/EPA 300.1; Fluoride - IC/EPA 300.0; Nitrate - IC/EPA 300.0; Nitrite - IC/EPA 300.0

Others - Alkalinity - TITR/SM 2320B; Boron – ICP-AES/EPA 200.7; Chlorine - COLOR/SM 4500Cl-G; Color - COLOR/SM 2120B; Foaming Agents - COLOR/SM 5540C; Hardness - TITR/SM 2340B; TITR/SM 2340C; Magnesium - ICP-AES/EPA 200.7; Odor - ODOR/SM 2150B; Orthophosphate – IC/EPA 300.0; Potassium - ICP-AES/EPA 200.7; pH - POT/EPA 150.1; Silica - ICP-AES/EPA 200.7; Sulfate - IC/EPA 300.0; Surfactants – COLOR/SM 5540C; TDS - GRAV/SM 2540C; Turbidity - NEPHELOMETRY/SM 2130B; Uranium - ICP-MS/EPA 200.8; Vanadium - ICP-MS/EPA 200.8; Bentazon – GC-ECD/EPA 515.2; Molinate - GC-ECD/EPA 508.1 ;GC-MS/EPA 525.2; Thiobencarb- GC-ECD/EPA 508.1 ;GC-MS/EPA 525.2

Pesticides I – Alachlor - GC-ECD/EPA 508.1;GC-MS/EPA 525.2; Aldrin - GC-ECD/EPA 505; GC-MS/EPA 525.2; Atrazine - GC-ECD/EPA 508.1; GC-MS/EPA 525.2; Butachlor - GC-ECD/EPA 508.1; GC-MS/EPA 525.2; Chlordane - GC-ECD/EPA 505; Dieldrin - GC-ECD/EPA 505; GC-MS/EPA 525.2; Endrin - GC-ECD/EPA 505; GC-MS/EPA 525.2; Heptachlor - GC-ECD/EPA 505; GC-MS/EPA 525.2; Heptachlor Epoxide - GC-ECD/EPA 505; GC-MS/EPA 525.2; Lindane - GC-ECD/EPA 505; GC-MS/EPA 525.2; Methoxychlor - GC-ECD/EPA 505; GC-MS/EPA 525.2; Metolachlor - GC-ECD/EPA 508.1; GC-MS/EPA 525.2; Metribuzin - GC-ECD/EPA 508.1; GC-MS/EPA 525.2; Propachlor - GC-ECD/EPA 508.1; GC-MS/EPA 525.2; Simazine - GC-ECD/EPA 508.1; GC-MS/EPA 525.2; Toxaphene - GC-ECD/EPA 505

Pesticides II – Aldicarb - HPLC-FLUOR/EPA 531.2; Aldicarb sulfone - HPLC-FLUOR/EPA 531.2; Aldicarb sulfoxide - HPLC-FLUOR/EPA 531.2; Carbofuran - HPLC-FLUOR/EPA 531.2; Oxamyl (Vydate) - HPLC-FLUOR/EPA 531.2; 3-Hydroxycarbofuran - HPLC-FLUOR/EPA 531.2; Carbaryl - HPLC-FLUOR/EPA EPA 531.2; Methiocarb - HPLC-FLUOR/EPA EPA 531.2; Methomyl - HPLC-FLUOR/EPA EPA 531.2; Propoxur - HPLC-FLUOR/EPA EPA 531.2

Pesticides III - Diquat - HPLC-UV/EPA 549.2; Endothall - GC-MS/EPA 548.1; Glyphosate - HPLC-UV/EPA 547

SOCs I - Dibromochloropropane (DBCP) - GC-ECD/EPA 504.1; Ethylene Dibromide (EDB) - GC-ECD/EPA 504.1; Di(2-ethylhexyl)Adipate - GC-MS/EPA 525.2; Di(2-ethylhexyl)Phthalate - GC-MS/EPA 525.2; Hexachlorobenzene - GC-ECD/EPA 505; GC-MS/EPA 525.2; Hexachlorocyclopentadiene - GC-ECD/EPA 505; PAHs [Benzo(a)pyrene] - GC-MS/EPA 525.2; PCBs - GC-ECD/EPA 505

TTHMs – Bromoform - GC-MS/EPA 524.2; Chloroform - GC-MS/EPA 524.2; Bromodichloromethane - GC-MS/EPA 524.2; Chlorodibromomethane - GC-MS/EPA 524.2; Total Trihalomethanes - GC-MS/EPA 524.2

VOCs I - Benzene - GC-MS/EPA 524.2; Carbon Tetrachloride - GC-MS/EPA 524.2; p-Dichlorobenzene - GC-MS/EPA 524.2; 1,2-Dichloroethane - GC-MS/EPA 524.2; 1,1-Dichloroethylene - GC-MS/EPA 524.2; 1,1,1-Trichloroethane - GC-MS/EPA 524.2; Trichloroethylene - GC-MS/EPA 524.2; Vinyl Chloride - GC-MS/EPA 524.2; Chlorobenzene - GC-MS/EPA 524.2; o-Dichlorobenzene - GC-MS/EPA 524.2; cis-1,2-Dichloroethylene - GC-MS/EPA 524.2; trans-1,2-Dichloroethylene - GC-MS/EPA 524.2; Dichloromethane - GC-MS/EPA 524.2; 1,2-Dichloropropane - GC-MS/EPA 524.2; Ethylbenzene - GC-MS/EPA 524.2; Styrene - GC-MS/EPA 524.2; Tetrachloroethylene - GC-MS/EPA 524.2; Toluene - GC-MS/EPA 524.2; 1,1,2-Trichloroethane - GC-MS/EPA 524.2; 1,2,4-Trichlorobenzene - GC-MS/EPA 524.2; Vinyl Chloride - GC-MS/EPA 524.2; Total Xylenes - GC-MS/EPA 524.2

VOCs II (unregulated) - Bromobenzene - GC-MS/EPA 524.2; Bromochloromethane - GC-MS/EPA 524.2; Bromomethane - GC-MS/EPA 524.2; Chloroethane - GC-MS/EPA 524.2; Chloromethane - GC-MS/EPA 524.2; o-Chlorotoluene - GC-MS/EPA 524.2; p-Chlorotoluene - GC-MS/EPA 524.2; Dibromomethane - GC-MS/EPA 524.2; m-Dichlorobenzene - GC-MS/EPA 524.2; 1,1-Dichloroethane - GC-MS/EPA 524.2; Dichlorodifluoromethane - GC-MS/EPA 524.2; 1,3-Dichloropropane - GC-MS/EPA 524.2; 2,2-Dichloropropane - GC-MS/EPA 524.2; 1,1-Dichloropropene - GC-MS/EPA 524.2; cis-1,3-Dichloropropene - GC-MS/EPA 524.2; trans-1,3-Dichloropropene - GC-MS/EPA 524.2; Fluorotrichloromethane - GC-MS/EPA 524.2; 1,1,1,2-Tetrachloroethane - GC-MS/EPA 524.2; 1,1,2,2-Tetrachloroethane - GC-MS/EPA 524.2; 1,2,3-Trichloropropane - GC-MS/EPA 524.2; n-Butylbenzene - GC-MS/EPA 524.2; sec-Butylbenzene - GC-MS/EPA 524.2; tert-Butylbenzene - GC-MS/EPA 524.2; Hexachlorobutadiene - GC-MS/EPA 524.2; Isopropylbenzene - GC-MS/EPA 524.2; p-Isopropyltoluene - GC-MS/EPA 524.2; MTBE - GC-MS/EPA 524.2; Naphthalene - GC-MS/EPA 524.2; n-Propylbenzene - GC-MS/EPA 524.2; 1,2,3-Trichlorobenzene - GC-MS/EPA 524.2; 1,2,4-Trimethylbenzene - GC-MS/EPA 524.2; 1,3,5-Trimethylbenzene - GC-MS/EPA 524.2

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**LADHH Primary AB (NELAP)**

**Certificate Number: LA110019**

**Date of Issue: 01-01-2011**

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Non-Metals – Bromate - IC/EPA 300.1; IC/EPA 317.0; Bromide - IC/EPA 300.1; Chlorate – IC/EPA 300.1; Chlorite - IC/EPA 300.1

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**LADHH Secondary AB (NELAP)**

**Certificate Number: LA110025**

**Date of Issue: 01-01-2011**

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HAA5 - Monochloroacetic Acid - GC-ECD/EPA 552.2; Monobromoacetic Acid - GC-ECD/EPA 552.2; Dichloroacetic Acid - GC-ECD/EPA 552.2; Trichloroacetic Acid - GC-ECD/EPA 552.2; Dibromoacetic Acid - GC-ECD/EPA 552.2; Total Haloacetic Acids - GC-ECD/EPA 552.2

Herbicides - 2,4 D - GC-ECD/EPA 515.3; 2,4,5-TP (Silvex) - GC-ECD/EPA 515.3; Dalapon - GC-ECD/EPA 515.3; GC-ECD/EPA 552.2; Dinoseb - GC-ECD/EPA 515.3; Pentachlorophenol - GC-ECD/EPA 515.3; Picloram - GC-ECD/EPA 515.3; Dicamba - GC-ECD/EPA 515.3

Metals I – Antimony-ICP-MS/EPA 200.8; Arsenic - ICP-MS/EPA 200.8; Beryllium - ICP-AES/EPA 200.7; ICP-MS/EPA 200.8; Barium - ICP-AES/EPA 200.7; ICP-MS/EPA 200.8; Cadmium - ICP-AES/EPA 200.7; ICP-MS/EPA 200.8; Chromium - ICP-AES/EPA 200.7; ICP-MS/EPA 200.8; Copper - ICP-AES/EPA 200.7; ICP-MS/EPA 200.8; Lead - ICP-MS/EPA 200.8; Mercury - CVAA/EPA 245.1; Nickel - ICP-AES/EPA 200.7; ICP-MS/EPA 200.8; Selenium - ICP-MS/EPA 200.8; Thallium - ICP-MS/EPA 200.8

Metals II - Aluminum - ICP-AES/EPA 200.7; ICP-MS/EPA 200.8; Calcium - ICP-AES/EPA 200.7; Iron - ICP-AES/EPA 200.7; Manganese - ICP-AES/EPA 200.7; ICP-MS/EPA 200.8; Silver - ICP-AES/EPA 200.7; ICP-MS/EPA 200.8; Sodium - ICP-AES/EPA 200.7; Zinc - ICP-AES/EPA 200.7; ICP-MS/EPA 200.8

Non-Metals -Bromate - IC/EPA 300.1; Bromide – IC/EPA 300.0; IC/EPA 300.1; Chloride - IC/EPA 300.0; Chlorate - IC/EPA 300.1; Chlorite - IC/EPA 300.1; Chlorine Dioxide – TITR/SM 4500-ClO<sub>2</sub>-D; Cyanide - COLOR/EPA 335.4; Fluoride - IC/EPA 300.0; Nitrate - IC/EPA 300.0; COLOR/EPA 353.2; Nitrite - IC/EPA 300.0; COLOR/EPA 353.2

Others – Alkalinity - TITR/SM 2320B; Chlorine – COLOR/SM 4500 Cl-D; Color – COLOR/SM 2120B; Corrosivity – CALC/SM 2330B; Foaming Agents – COLOR/SM 5540C; Hardness – ICP-AES/EPA 200.7; TITR/SM 2340B; Magnesium - ICP-AES/EPA 200.7; ; Odor – ODOR/SM 2150B; Orthophosphate – IC/EPA 300.0; COLOR/ EPA 365.1; Perchlorate - IC/EPA 314.0; pH – POT/EPA 150.1; POT/SM 4500H+B; Potassium – ICP-AES/EPA 200.7; Silica – COLOR/SM 4500Si-D; COLOR/SM 4500SiO<sub>2</sub>-F; Sulfate - IC/EPA 300.0; Surfactants – COLOR/SM 5540C; TDS – GRAV/SM 2540C; TOC - IR/SM 5310B; Turbidity - NEPHELOMETRY/EPA 180.1; UV 254 - COLOR/SM 5910B

Pesticides I - Alachlor - GC-ECD/EPA 508.1; Aldrin-GC-MS/EPA 525.2; Atrazine - GC-ECD/EPA 508.1; Butachlor - GC-ECD/EPA 508.1; GC-MS/EPA 525.2; Chlordane - GC-ECD/EPA 508.1 ; Dieldrin - GC-ECD/EPA 508.1; GC-MS/EPA 525.2; Endrin - GC-ECD/EPA 508.1; Heptachlor - GC-ECD/EPA 508.1; Heptachlor Epoxide - GC-ECD/EPA 508.1; Lindane - GC-ECD/EPA 508.1; Methoxychlor - GC-ECD/EPA 508.1; Metolachlor - GC-ECD/EPA 508.1; GC-MS/EPA 525.2; Metribuzin - GC-ECD/EPA 508.1; GC-MS/EPA 525.2; Propachlor - GC-ECD/EPA 508.1; GC-MS/EPA 525.2; Simazine - GC-ECD/EPA 508.1; Toxaphene - GC-ECD/EPA 508.1

Pesticides II - Aldicarb - HPLC-Fluor/EPA 531.1; Aldicarb sulfone - HPLC-Fluor/EPA 531.1; Aldicarb sulfoxide - HPLC-Fluor/EPA 531.1; Carbofuran - HPLC; Fluor/EPA 531.1; Oxamyl (Vydate) - HPLC-Fluor/EPA 531.1; 3-Hydroxycarbofuran - HPLC-Fluor/EPA 531.1; Carbaryl - HPLC-Fluor/EPA 531.1; Methomyl - HPLC-Fluor/EPA 531.1

Pesticides III - Diquat - HPLC-UV/EPA 549.2; Endothall - GC-MS/EPA 548.1; Glyphosate - HPLC-UV/EPA 547

SOCs I - Dibromochloropropane (DBCP) - GC-ECD/EPA 504.1; Ethylene Dibromide (EDB) - GC-ECD/EPA 504.1; Di(2-ethylhexyl)Adipate - GC-MS/EPA 525.2; Di(2-ethylhexyl)Phthalate - GC-MS/EPA 525.2; Hexachlorobenzene - GC-ECD/EPA 508.1; Hexachlorocyclopentadiene - GC-ECD/EPA 508.1; PAHs [Benzo(a)pyrene] - GC-MS/EPA 525.2; PCBs - GC-ECD/EPA 508.1

TTHMs - Bromoform - GC-MS/EPA 524.2; Chloroform - GC-MS/EPA 524.2; Bromodichloromethane - GC-MS/EPA 524.2; Chlorodibromomethane - GC-MS/EPA 524.2; Total Trihalomethanes - GC-MS/EPA 524.2

VOCs I – Benzene - GC-MS/EPA 524.2; Carbon Tetrachloride - GC-MS/EPA 524.2; p-Dichlorobenzene - GC-MS/EPA 524.2; 1,2-Dichloroethane - GC-MS/EPA 524.2; 1,1-Dichloroethylene - GC-MS/EPA 524.2; 1,1,1-Trichloroethane - GC-MS/EPA 524.2; Trichloroethylene - GC-MS/EPA 524.2; Vinyl Chloride - GC-MS/EPA 524.2; Chlorobenzene - GC-MS/EPA 524.2; o-Dichlorobenzene - GC-MS/EPA 524.2; cis-1,2-Dichloroethylene -GC-MS/EPA 524.2; trans-1,2-Dichloroethylene - GC-MS/EPA 524.2; Dichloromethane - GC-MS/EPA 524.2; 1,2-Dichloropropane - GC-MS/EPA 524.2; Ethylbenzene - GC-MS/EPA 524.2; Styrene - GC-MS/EPA 524.2; Tetrachloroethylene - GC-MS/EPA 524.2; Toluene - GC-MS/EPA 524.2; 1,1,2-Trichloroethane - GC-MS/EPA 524.2; 1,2,4-Trichlorobenzene - GC-MS/EPA 524.2; Total Xylenes - GC-MS/EPA 524.2

VOCs II (unregulated) – Bromobenzene - GC-MS/EPA 524.2; Bromochloromethane - GC-MS/EPA 524.2; Bromomethane - GC-MS/EPA 524.2; Chloroethane - GC-MS/EPA 524.2; Chloromethane - GC-MS/EPA 524.2; o-Chlorotoluene - GC-MS/EPA 524.2; p-Chlorotoluene - GC-MS/EPA 524.2; Dibromomethane - GC-MS/EPA 524.2; m-Dichlorobenzene - GC-MS/EPA 524.2; 1,1-Dichloroethane - GC-MS/EPA 524.2; Dichlorodifluoromethane - GC-MS/EPA 524.2; 1,3-Dichloropropane - GC-MS/EPA 524.2; 2,2-Dichloropropane - GC-MS/EPA 524.2; 1,1-Dichloropropene - GC-MS/EPA 524.2; cis-1,3-Dichloropropene - GC-MS/EPA 524.2; trans-1,3-Dichloropropene - GC-MS/EPA 524.2; Fluorotrichloromethane - GC-MS/EPA 524.2; 1,1,1,2-Tetrachloroethane - GC-MS/EPA 524.2; 1,1,2,2-Tetrachloroethane - GC-MS/EPA 524.2; 1,2,3-Trichloropropane - GC-MS/EPA 524.2; n-Butylbenzene - GC-MS/EPA 524.2; sec-Butylbenzene - GC-MS/EPA 524.2; tert-Butylbenzene - GC-MS/EPA 524.2; Hexachlorobutadiene - GC-MS/EPA 524.2; Isopropylbenzene - GC-MS/EPA 524.2; p-Isopropyltoluene - GC-MS/EPA 524.2; MTBE -GC-MS/EPA 524.2; Naphthalene - GC-MS/EPA 524.2; n-Propylbenzene - GC-MS/EPA 524.2; 1,2,3-Trichlorobenzene - GC-MS/EPA 524.2; 1,2,4-Trimethylbenzene - GC-MS/EPA 524.2; 1,3,5-Trimethylbenzene - GC-MS/EPA 524.2

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**EPA ID# MN00064**

**LADHH Secondary AB (NELAP)**

**Certificate Number: LA110024**

**Date of Issue: 01-01-2011**

**Date of Expiration: 12-31-2011**



Metals I – Antimony - ICP-MS/EPA 200.8; Arsenic - ICP-MS/EPA 200.8; Beryllium - ICP-MS/EPA 200.8; Barium - ICP-MS/EPA 200.8; Cadmium - ICP-MS/EPA 200.8; Chromium - ICP-MS/EPA 200.8; Copper - ICP-MS/EPA 200.8; Lead - ICP-MS/EPA 200.8; Mercury - ICP-MS/EPA 200.8; Nickel - ICP-MS/EPA 200.8; Selenium - ICP-MS/EPA 200.8; Thallium - ICP-MS/EPA 200.8

Metals II - Aluminum - ICP-MS/EPA 200.8; Manganese - ICP-MS/EPA 200.8; Silver - ICP-MS/EPA 200.8; Zinc - ICP-MS/EPA 200.8

Others – Hardness – TITR/SM 2340B  
SOCs I - 2, 3, 7, 8-TCDD (Dioxin) - GC-HRMS/EPA 1613

TTHMs - Bromoform - GC-MS/EPA 524.2; Chloroform - GC-MS/EPA 524.2; Bromodichloromethane - GC-MS/EPA 524.2; Chlorodibromomethane - GC-MS/EPA 524.2; Total Trihalomethanes - GC-MS/EPA 524.2

VOCs I – Benzene - GC-MS/EPA 524.2; Carbon Tetrachloride - GC-MS/EPA 524.2; p-Dichlorobenzene - GC-MS/EPA 524.2; 1,2-Dichloroethane - GC-MS/EPA 524.2; 1,1-Dichloroethylene - GC-MS/EPA 524.2; 1,1,1-Trichloroethane - GC-MS/EPA 524.2; Trichloroethylene - GC-MS/EPA 524.2; Vinyl Chloride - GC-MS/EPA 524.2; Chlorobenzene - GC-MS/EPA 524.2; o-Dichlorobenzene - GC-MS/EPA 524.2; cis-1,2-Dichloroethylene - GC-MS/EPA 524.2; trans-1,2-Dichloroethylene - GC-MS/EPA 524.2; Dichloromethane - GC-MS/EPA 524.2; 1,2-Dichloropropane - GC-MS/EPA 524.2; Ethylbenzene - GC-MS/EPA 524.2; Styrene - GC-MS/EPA 524.2; Tetrachloroethylene - GC-MS/EPA 524.2; Toluene - GC-MS/EPA 524.2; 1,1,2-Trichloroethane - GC-MS/EPA 524.2; 1,2,4-Trichlorobenzene - GC-MS/EPA 524.2; Total Xylenes - GC-MS/EPA 524.2

VOCs II (unregulated) – Bromobenzene - GC-MS/EPA 524.2; Bromochloromethane - GC-MS/EPA 524.2; Bromomethane - GC-MS/EPA 524.2; Chloroethane - GC-MS/EPA 524.2; Chloromethane - GC-MS/EPA 524.2; o-Chlorotoluene - GC-MS/EPA 524.2; p-Chlorotoluene - GC-MS/EPA 524.2; Dibromomethane - GC-MS/EPA 524.2; m-Dichlorobenzene - GC-MS/EPA 524.2; 1,1-Dichloroethane - GC-MS/EPA 524.2; Dichlorodifluoromethane - GC-MS/EPA 524.2; 1,3-Dichloropropane - GC-MS/EPA 524.2; 2,2-Dichloropropane - GC-MS/EPA 524.2; 1,1-Dichloropropene - GC-MS/EPA 524.2; cis-1,3-Dichloropropene - GC-MS/EPA 524.2; trans-1,3-Dichloropropene - GC-MS/EPA 524.2; Fluorotrichloromethane - GC-MS/EPA 524.2; 1,1,1,2-Tetrachloroethane - GC-MS/EPA 524.2; 1,1,2,2-Tetrachloroethane - GC-MS/EPA 524.2; 1,2,3-Trichloropropane - GC-MS/EPA 524.2; n-Butylbenzene - GC-MS/EPA 524.2; sec-Butylbenzene - GC-MS/EPA 524.2; tert-Butylbenzene - GC-MS/EPA 524.2; Hexachlorobutadiene - GC-MS/EPA 524.2; Isopropylbenzene - GC-MS/EPA 524.2; p-Isopropyltoluene - GC-MS/EPA 524.2; MTBE - GC-MS/EPA 524.2; Naphthalene - GC-MS/EPA 524.2; n-Propylbenzene - GC-MS/EPA 524.2; 1,2,3-Trichlorobenzene - GC-MS/EPA 524.2; 1,2,4-Trimethylbenzene - GC-MS/EPA 524.2; 1,3,5-Trimethylbenzene - GC-MS/EPA 524.2

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**LADHH Secondary AB (NELAP)**

**Certificate Number: LA110004**

**Date of Issue: 01-01-2011**

**Date of Expiration: 12-31-2011**

Radiological – Gamma Emitters – GS/EPA 901.1; Gross Alpha - PC/EPA 900.0; PC/SM 7110C; Gross Beta -PC/EPA 900.0; Radium 226 - AS/EPA 903.1; Radium 228 – SC-L/EPA 904.0; Radon 222 – LS/SM 7500-Rn-B; Total Alpha Radium – AS/EPA 903.0; Strontium 90 - PC/EPA 905.0; Tritium - SC-L/EPA 906.0; Uranium - LASER/USEPA 908.0; LASER ASTM 5174-97

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**EPA ID# IN00034**

**LADHH Secondary AB (NELAP)**

**Certificate Number: LA110030**

**Date of Issue: 05-04-2011**

**Date of Expiration: 12-31-2011**

Metals I – Antimony - GFAA/EPA 200.9; Arsenic - GFAA/EPA 200.9; Beryllium - ICP-MS/EPA 200.7; Barium - ICP-MS/EPA 200.7; Cadmium - ICP-MS/EPA 200.7; Chromium - ICP-MS/EPA 200.7; Copper - ICP-MS/EPA 200.7; Lead - GFAA/EPA 200.9; Mercury -

CVAA/EPA 245.14; Nickel - ICP-MS/EPA 200.7; Selenium - GFAA/EPA 200.9; Thallium - GFAA/EPA 200.9

THMs - Bromoform - GC-MS/EPA 524.2; Chloroform - GC-MS/EPA 524.2; Bromodichloromethane - GC-MS/EPA 524.2; Chlorodibromomethane - GC-MS/EPA 524.2; Total Trihalomethanes - GC-MS/EPA 524.2

VOCs I - Benzene - GC-MS/EPA 524.2; Carbon Tetrachloride - GC-MS/EPA 524.2; p-Dichlorobenzene - GC-MS/EPA 524.2; 1,1-Dichloroethylene - GC-MS/EPA 524.2; 1,2-Dichloroethane - GC-MS/EPA 524.2; 1,1,1-Trichloroethane - GC-MS/EPA 524.2; Trichloroethylene - GC-MS/EPA 524.2; Vinyl Chloride - GC-MS/EPA 524.2; Chlorobenzene - GC-MS/EPA 524.2; o-Dichlorobenzene - GC-MS/EPA 524.2; cis-1,2-Dichloroethylene - GC-MS/EPA 524.2; trans-1,2-Dichloroethylene - GC-MS/EPA 524.2; Dichloromethane - GC-MS/EPA 524.2; 1,2-Dichloropropane; Ethylbenzene - GC-MS/EPA 524.2; Styrene - GC-MS/EPA 524.2; Tetrachloroethylene - GC-MS/EPA 524.2; Toluene - GC-MS/EPA 524.2; 1,1,2-Trichloroethane - GC-MS/EPA 524.2; 1,2,4-Trichlorobenzene - GC-MS/EPA 524.2; Total Xylenes - GC-MS/EPA 524.2

VOCs II (unregulated) – Bromobenzene - GC-MS/EPA 524.2; Bromomethane - GC-MS/EPA 524.2; Chloroethane - GC-MS/EPA 524.2; Chloromethane - GC-MS/EPA 524.2; o-Chlorotoluene - GC-MS/EPA 524.2; p-Chlorotoluene - GC-MS/EPA 524.2; Dibromomethane - GC-MS/EPA 524.2; m-Dichlorobenzene - GC-MS/EPA 524.2; 1,1-Dichloroethane - GC-MS/EPA 524.2; 1,3-Dichloropropane - GC-MS/EPA 524.2; 2,2-Dichloropropane - GC-MS/EPA 524.2; 1,1-Dichloropropene - GC-MS/EPA 524.2; cis-1,3-Dichloropropene - GC-MS/EPA 524.2; trans-1,3-Dichloropropene - GC-MS/EPA 524.2; 1,1,1,2-Tetrachloroethane - GC-MS/EPA 524.2; 1,1,2,2-Tetrachloroethane - GC-MS/EPA 524.2; 1,2,3-Trichloropropane - GC-MS/EPA 524.2; MTBE - GC-MS/EPA 524.2

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**EPA ID# TN00009**

**LADHH Secondary AB (NELAP)**

**Certificate Number: LA110001**

**Date of Issue: 01-01-2011**

**Certificate Number: LA110001**

SOCs I - 2, 3, 7, 8-TCDD (Dioxin) - GC-HRMS/EPA 1613

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**(251) 666-6633**

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**LADHH Secondary AB (NELAP)**

**Certificate Number: LA110016**

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HAA5 - Monochloroacetic Acid - GC-ECD/EPA 552.1; Monobromoacetic Acid - GC-ECD/EPA 552.1; Dichloroacetic Acid - GC-ECD/EPA 552.1; Trichloroacetic Acid - GC-ECD/EPA 552.1

Herbicides - 2,4 D - GC-ECD/EPA 515.1; 2,4,5-TP (Silvex) - GC-ECD/EPA 515.1; Dalapon - GC-ECD/EPA 515.1; Dinoseb - GC-ECD/EPA 515.1; Picloram - GC-ECD/EPA 515.1; Dicamba - GC-ECD/EPA 515.1

Metals I – Antimony-ICP-MS/EPA 200.8; Arsenic - ICP-MS/EPA 200.8; Beryllium - ICP-AES/EPA 200.7; ICP-MS/EPA 200.8; Barium - ICP-AES/EPA 200.7; ICP-MS/EPA 200.8; Cadmium - ICP-AES/EPA 200.7; ICP-MS/EPA 200.8; Chromium - ICP-AES/EPA 200.7; ICP-MS/EPA 200.8; Copper - ICP-AES/EPA 200.7; ICP-MS/EPA 200.8; Lead - ICP-MS/ EPA 200.8; Mercury - CVAA/EPA 245.1; Nickel - ICP-AES/EPA 200.7; ICP-MS/EPA 200.8; Selenium - ICP-MS/EPA 200.8; Thallium - ICP-MS/EPA 200.8

Metals II - Aluminum - ICP-AES/EPA 200.7; Calcium - ICP-AES/EPA 200.7; Iron - ICP-AES/EPA 200.7; Manganese - ICP-AES/EPA 200.7; Silver - ICP-AES/EPA 200.7; Sodium - ICP-AES/EPA 200.7; Zinc - ICP-AES/EPA 200.7

Non-Metals – Cyanide - COLOR/SM 4500CN-E

Others – Alkalinity - TITR/SM 2320B; Chlorine - COLOR/SM 4500CI-G; Color - COLOR/EPA 110.2; Foaming Agents - COLOR/SM 5540C; Odor - ODOR/SM 2150B; pH - POT/EPA 150.1; Surfactants - COLOR/SM 5540C; TDS - GRAV/EPA 160.1; GRAV/SM 2540C; TOC

IR/SM 5310B

Pesticides I – Alachlor - GC-MS/EPA 525.2; Aldrin - GC-ECD/EPA 508; Atrazine - GC-MS/EPA 525.2; Butachlor - GC-MS/EPA 525.2; Chlordane - GC-ECD/EPA 508; Dieldrin - GC-ECD/EPA 508; Endrin - GC-ECD/EPA 508; Heptachlor Epoxide - GC-ECD/EPA 508; Lindane - GC-ECD/EPA 508; Methoxychlor - GC-ECD/EPA 508; Metolachlor - GC-MS/EPA 525.2; Metribuzin - GC-MS/EPA 525.2; Propachlor - GC-ECD/EPA 508; Simazine - GC-MS/EPA 525.2; Toxaphene - GC-ECD/EPA 508

Pesticides III – Endothall - GC-MS/EPA 548.1

SOCs I - Dibromochloropropane (DBCP) - GC-ECD/EPA 504.1; Ethylene Dibromide (EDB) - GC-ECD/EPA 504.1; Di(2-ethylhexyl) Adipate - GC-MS/EPA 525.2; Di(2-ethylhexyl)Phthalate - GC-MS/EPA 525.2; Hexachlorobenzene - GC-ECD/EPA 508; Hexachlorocyclopentadiene - GC-ECD/EPA 508; PAHs [Benzo(a)pyrene] - GC-MS/EPA 525.2; PCBs - GC-ECD/EPA 508

TTHMs - Chloroform - GC-MS/EPA 524.2; Bromodichloromethane - GC-MS/EPA 524.2; Chlorodibromomethane - GC-MS/EPA 524.2; Total Trihalomethanes - GC-MS/EPA 524.2

VOCs I - Benzene - GC-MS/EPA 524.2; Carbon Tetrachloride - GC-MS/EPA 524.2; p-Dichlorobenzene - GC-MS/EPA 524.2; 1,2-Dichloroethane - GC-MS/EPA 524.2; 1,1-Dichloroethylene - GC-MS/EPA 524.2; 1,1,1-Trichloroethane - GC-MS/EPA 524.2; Trichloroethylene - GC-MS/EPA 524.2; Vinyl Chloride - GC-MS/EPA 524.2; Chlorobenzene - GC-MS/EPA 524.2; o-Dichlorobenzene - GC-MS/EPA 524.2; cis-1,2-Dichloroethylene - GC-MS/EPA 524.2; trans-1,2-Dichloroethylene - GC-MS/EPA 524.2; Dichloromethane - GC-MS/EPA 524.2; 1,2-Dichloropropane - GC-MS/EPA 524.2; Ethylbenzene - GC-MS/EPA 524.2; Styrene - GC-MS/EPA 524.2; Tetrachloroethylene - GC-MS/EPA 524.2; Toluene - GC-MS/EPA 524.2; 1,1,2-Trichloroethane - GC-MS/EPA 524.2; 1,2,4-Trichlorobenzene - GC-MS/EPA 524.2; Total Xylenes - GC-MS/EPA 524.2

VOCs II (unregulated) – Bromobenzene - GC-MS/EPA 524.2; Bromochloromethane - GC-MS/EPA 524.2; Bromomethane - GC-MS/EPA 524.2; Chloroethane - GC-MS/EPA 524.2; Chloromethane - GC-MS/EPA 524.2; o-Chlorotoluene - GC-MS/EPA 524.2; p-Chlorotoluene - GC-MS/EPA 524.2; Dibromomethane - GC-MS/EPA 524.2; m-Dichlorobenzene - GC-MS/EPA 524.2; 1,1-Dichloroethane - GC-MS/EPA 524.2; Dichlorodifluoromethane - GC-MS/EPA 524.2; 1,3-Dichloropropane - GC-MS/EPA 524.2; 2,2-Dichloropropane - GC-MS/EPA 524.2; 1,1-Dichloropropene - GC-MS/EPA 524.2; cis-1,3-Dichloropropene - GC-MS/EPA 524.2; trans-1,3-Dichloropropene - GC-MS/EPA 524.2; Fluorotrichloromethane - GC-MS/EPA 524.2; 1,1,1,2-Tetrachloroethane - GC-MS/EPA 524.2; 1,1,2,2-Tetrachloroethane - GC-MS/EPA 524.2; 1,2,3-Trichloropropane - GC-MS/EPA 524.2; n-Butylbenzene - GC-MS/EPA 524.2; sec-Butylbenzene - GC-MS/EPA 524.2; tert-Butylbenzene - GC-MS/EPA 524.2; Hexachlorobutadiene - GC-MS/EPA 524.2; Isopropylbenzene - GC-MS/EPA 524.2; p-Isopropyltoluene - GC-MS/EPA 524.2; MTBE - GC-MS/EPA 524.2; Naphthalene - GC-MS/EPA 524.2; n-Propylbenzene - GC-MS/EPA 524.2; 1,2,3-Trichlorobenzene – GC-MS/EPA 524.2; 1,2,4-Trimethylbenzene - GC-MS/EPA 524.2; 1,3,5-Trimethylbenzene - GC-MS/EPA 524.2

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**EPA ID# TN00032**

**LADHH Secondary AB (NELAP)**

**Certificate Number: LA110014**

**Date of Issue: 01-01-2011**

**Date of Expiration: 12-31-2011**

**Metals I – Barium - ICP-AES/EPA 200.7; Beryllium - ICP-AES/EPA 200.7; Cadmium - ICP-AES/EPA 200.7; Chromium - ICP-AES/EPA 200.7; Copper - ICP-AES/EPA 200.7; Mercury - CVAA/EPA 245.1; Nickel - ICP-AES/EPA 200.7**

**Metals II - Aluminum - ICP-AES/EPA 200.7; Calcium - ICP-AES/EPA 200.7; Iron - ICP-AES/EPA 200.7; Manganese - ICP-AES/EPA 200.7; Silver - ICP-AES/EPA 200.7; Sodium - ICP-AES/EPA 200.7; Zinc - ICP-AES/EPA 200.7**

**Non-Metals – Chloride – IC/EPA 300.0; Cyanide - COLOR/EPA 335.4; Fluoride – IC/EPA 300.0; IC/SM 4110B; Nitrate – IC/EPA 300.0; IC/SM 4110B; Color/EPA 353.2; Nitrite – IC/EPA 300.0; IC/SM 4110B; Color/EPA 353.2**

**Others – Magnesium – ICP-AES/EPA 200.7; Sulfate – IC/EPA 300.0; IC/SM 4110B; TDS - GRAV/SM 2540C**

**SOCs I - Dibromochloropropane (DBCP) - GC-ECD/EPA 504.1; Ethylene Dibromide (EDB) - GC-ECD/EPA 504.1**

**THMs - Bromoform - GC-MS/EPA 524.2; Chloroform - GC-MS/EPA 524.2; Bromodichloromethane - GC-MS/EPA 524.2; Chlorodibromomethane - GC-MS/EPA 524.2; Total Trihalomethanes - GC-MS/EPA 524.2**

VOCs I - Benzene - GC-MS/EPA 524.2; Carbon Tetrachloride - GC-MS/EPA 524.2; p-Dichlorobenzene - GC-MS/EPA 524.2; 1,2-Dichloroethane - GC-MS/EPA 524.2; 1,1-Dichloroethylene - GC-MS/EPA 524.2; 1,1,1-Trichloroethane - GC-MS/EPA 524.2; Trichloroethylene - GC-MS/EPA 524.2; Vinyl Chloride - GC-MS/EPA 524.2; Chlorobenzene - GC-MS/EPA 524.2; o-Dichlorobenzene - GC-MS/EPA 524.2; cis-1,2-Dichloroethylene - GC-MS/EPA 524.2; trans-1,2-Dichloroethylene - GC-MS/EPA 524.2; Dichloromethane - GC-MS/EPA 524.2; 1,2-Dichloropropane; Ethylbenzene - GC-MS/EPA 524.2; Styrene - GC-MS/EPA 524.2; Tetrachloroethylene - GC-MS/EPA 524.2; Toluene - GC-MS/EPA 524.2; 1,1,2-Trichloroethane - GC-MS/EPA 524.2; 1,2,4-Trichlorobenzene - GC-MS/EPA 524.2; Total Xylenes - GC-MS/EPA 524.2

VOCs II (unregulated) – Bromobenzene - GC-MS/EPA 524.2; Bromochloromethane - GC-MS/EPA 524.2; Bromomethane - GC-MS/EPA 524.2; Chloroethane - GC-MS/EPA 524.2; Chloromethane - GC-MS/EPA 524.2; o-Chlorotoluene - GC-MS/EPA 524.2; p-Chlorotoluene - GC-MS/EPA 524.2; Dibromomethane - GC-MS/EPA 524.2; m-Dichlorobenzene - GC-MS/EPA 524.2; 1,1-Dichloroethane - GC-MS/EPA 524.2; Dichlorodifluoromethane - GC-MS/EPA 524.2; 1,3-Dichloropropane - GC-MS/EPA 524.2; 2,2-Dichloropropane - GC-MS/EPA 524.2; 1,1-Dichloropropene - GC-MS/EPA 524.2; cis-1,3-Dichloropropene - GC-MS/EPA 524.2; trans-1,3-Dichloropropene - GC-MS/EPA 524.2; Fluorotrichloromethane - GC-MS/EPA 524.2; 1,1,1,2-Tetrachloroethane - GC-MS/EPA 524.2; 1,1,2,2-Tetrachloroethane - GC-MS/EPA 524.2; 1,2,3-Trichloropropane - GC-MS/EPA 524.2; n-Butylbenzene - GC-MS/EPA 524.2; sec-Butylbenzene - GC-MS/EPA 524.2; tert-Butylbenzene - GC-MS/EPA 524.2; Hexachlorobutadiene - GC-MS/EPA 524.2; Isopropylbenzene - GC-MS/EPA 524.2; p-Isopropyltoluene - GC-MS/EPA 524.2; MTBE - GC-MS/EPA 524.2; Naphthalene - GC-MS/EPA 524.2; n-Propylbenzene - GC-MS/EPA 524.2; 1,2,3-Trichlorobenzene - GC-MS/EPA 524.2; 1,2,4-Trimethylbenzene - GC-MS/EPA 524.2; 1,3,5-Trimethylbenzene - GC-MS/EPA 524.2

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**LADHH Secondary AB (NELAP)**

**Certificate Number: LA110002**

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HAA5 - Monochloroacetic Acid - GC-ECD/EPA 552.2; Monobromoacetic Acid - GC-ECD/EPA 552.2; Dichloroacetic Acid - GC-ECD/EPA 552.2; Trichloroacetic Acid - GC-ECD/EPA 552.2; Dibromoacetic Acid - GC-ECD/EPA 552.2; Total Haloacetic Acids - GC-ECD/EPA 552.2

Herbicides - 2,4 D - GC-ECD/EPA 515.1; 2,4,5-TP (Silvex) - GC-ECD/EPA 515.1; Dalapon - GC-ECD/EPA 515.1; Dinoseb - GC-ECD/EPA 515.1; Pentachlorophenol - GC-ECD/EPA 515.1; Picloram - GC-ECD/EPA 515.1; Dicamba - GC-ECD/EPA 515.1

Metals I - Antimony - ICP-MS/EPA 200.8; Arsenic - ICP-MS/EPA 200.8; Beryllium - ICP-AES/EPA 200.7; ICP-MS/EPA 200.8; Barium - ICP-AES/EPA 200.7; ICP-MS/EPA 200.8; Cadmium - ICP-AES/EPA 200.7; ICP-MS/EPA 200.8; Chromium - ICP-AES/EPA 200.7; ICP-MS/EPA 200.8; Copper - ICP-AES/EPA 200.7; ICP-MS/EPA 200.8; Lead - ICP-MS/EPA 200.8; Mercury - ICP-MS/EPA 200.8; CVAA/EPA 245.1; Nickel - ICP-AES/EPA 200.7; ICP-MS/EPA 200.8; Selenium - ICP-MS/EPA 200.8; Thallium - ICP-MS/EPA 200.8

Metals II – Aluminum - ICP-AES/EPA 200.7; ICP-MS/EPA 200.8; Calcium - ICP-AES/EPA 200.7; Iron - ICP-AES/EPA 200.7; Manganese - ICP-AES/EPA 200.7; ICP-MS/EPA 200.8; Silver - ICP-AES/EPA 200.7; ICP-MS/EPA 200.8; Sodium - ICP-AES/EPA 200.7; Zinc - ICP-AES/EPA 200.7; ICP-MS/EPA 200.8

Non-Metals –Bromate - IC/EPA 300.1; Bromide - IC/EPA 300.1; Chloride - IC/EPA 300.0; COLOR/EPA 325.2; SM 4500Cl-E; Chlorite - IC/EPA 300.1; Cyanide - COLOR/EPA 335.4; COLOR/SM 4500CN-E; Fluoride - IC/EPA 300.0; ISE/EPA 340.2; POT/SM 4500F-C; Nitrate - IC/EPA 300.0; COLOR/EPA 353.2; Nitrite - IC/EPA 300.0; COLOR/EPA 353.2; Total Nitrite/Nitrate - IC/EPA 300.0; COLOR/EPA 353.2

Others – Alkalinity - TITR/SM 2320B; Color - COLOR/EPA 110.2; COLOR/SM 2120B; Corrosivity – POT/SM 2330B; Hardness – CALC/SM 2340B; SM 2340C; EPA 130.2; Boron – ICP-AES/EPA 200.7; Odor - ODOR/EPA 140.1; SM 2150B; Magnesium - ICP-AES/EPA 200.7; Orthophosphate - COLOR/EPA 365.1; SM 4500-P F; Perchlorate - IC/EPA 314.0; Potassium - ICP-AES/EPA 200.7; pH - POT/EPA 150.1; SM 4500-H+B; Silica - ICP-AES/EPA 200.7; Sulfate - IC/EPA 300.0; NEPHELOMETRY/EPA 375.4; Surfactants - COLOR/EPA 425.1; COLOR/SM 5540C; TDS - GRAV/EPA 160.1; GRAV/SM 2540C; TOC - IR/SM 5310B; DOC - IR/SM 5310B; Turbidity; NEPHELOMETRY/EPA 180.1; NEPHELOMETRY/SM 2130B; UV254 - COLOR/SM 5910B

Pesticides I - Alachlor - GC-MS/EPA 525.2; Aldrin - GC-ECD/EPA 508; GC-MS/EPA 525.2; Atrazine - GC-MS/EPA 525.2; Butachlor - GC-MS/EPA 525.2; Chlordane - GC-ECD/EPA 508; Dieldrin - GC-ECD/EPA 508; GC-MS/EPA 525.2; Endrin - GC-ECD/EPA 508; GC-MS/EPA 525.2; Heptachlor - GC-ECD/EPA 508; GC-MS/EPA 525.2; Heptachlor Epoxide - GC-ECD/EPA 508; GC-MS/EPA 525.2; Lindane - GC-ECD/EPA 508; GC-MS/EPA 525.2; Methoxychlor - GC-ECD/EPA 508; GC-MS/EPA 525.2; Metolachlor - GC-MS/EPA 525.2; Metribuzin - GC-MS/EPA 525.2; Propachlor - GC-MS/EPA 525.2; Simazine - GC-MS/EPA 525.2; Toxaphene - GC-ECD/EPA 508

Pesticides II - Aldicarb - HPLC-Fluor/EPA 531.1; Aldicarb sulfone - HPLC-Fluor/EPA 531.1; Aldicarb sulfoxide - HPLC-Fluor/EPA 531.1; Carbofuran - HPLC-Fluor/EPA 531.1; Oxamyl (Vydate) - HPLC-Fluor/EPA 531.1; 3-Hydroxycarbofuran - HPLC-Fluor/EPA 531.1; Carbaryl - HPLC-Fluor/EPA 531.1; Methomyl - HPLC-Fluor/EPA 531.1

Pesticides III - Diquat - HPLC-UV/EPA 549.2; Endothall - GC-MS/EPA 548.1; Glyphosate - HPLC-UV/EPA 547

SOCs I - Dibromochloropropane (DBCP) - GC-ECD/EPA 504.1; Ethylene Dibromide (EDB) - GC-ECD/EPA 504.1; Di(2-ethylhexyl)Adipate - GC-MS/EPA 525.2; Di(2-ethylhexyl)Phthalate - GC-MS/EPA 525.2; Hexachlorobenzene - GC-MS/EPA 525.2; Hexachlorocyclopentadiene - GC-MS/EPA 525.2; PAHs [Benzo(a)pyrene] - GC-MS/EPA 525.2; PCBs - GC-ECD/EPA 508

TTHMs - Bromoform - GC-MS/EPA 524.2; Chloroform - GC-MS/EPA 524.2; Bromodichloromethane - GC-MS/EPA 524.2; Chlorodibromomethane - GC-MS/EPA 524.2; Total Trihalomethanes - GC-MS/EPA 524.2

VOCs I - Benzene - GC-MS/EPA 524.2; Carbon Tetrachloride - GC-MS/EPA 524.2; p-Dichlorobenzene - GC-MS/EPA 524.2; 1,2-Dichloroethane - GC-MS/EPA 524.2; 1,1-Dichloroethylene - GC-MS/EPA 524.2; 1,1,1-Trichloroethane - GC-MS/EPA 524.2; Trichloroethylene - GC-MS/EPA 524.2; Vinyl Chloride - GC-MS/EPA 524.2; Chlorobenzene - GC-MS/EPA 524.2; o-Dichlorobenzene - GC-MS/EPA 524.2; cis-1,2-Dichloroethylene - GC-MS/EPA 524.2; trans-1,2-Dichloroethylene - GC-MS/EPA 524.2; Dichloromethane - GC-MS/EPA 524.2; 1,2-Dichloropropane - GC-MS/EPA 524.2; Ethylbenzene - GC-MS/EPA 524.2; Styrene - GC-MS/EPA 524.2; Tetrachloroethylene - GC-MS/EPA 524.2; Toluene - GC-MS/EPA 524.2; 1,1,2-Trichloroethane - GC-MS/EPA 524.2; 1,2,4-Trichlorobenzene - GC-MS/EPA 524.2; Total Xylenes - GC-MS/EPA 524.2

VOCs II (unregulated) - Bromobenzene - GC-MS/EPA 524.2; Bromochloromethane - GC-MS/EPA 524.2; Bromomethane - GC-MS/EPA 524.2; Chloroethane - GC-MS/EPA 524.2; Chloromethane - GC-MS/EPA 524.2; o-Chlorotoluene - GC-MS/EPA 524.2; p-Chlorotoluene - GC-MS/EPA 524.2; Dibromomethane - GC-MS/EPA 524.2; m-Dichlorobenzene - GC-MS/EPA 524.2; 1,1-Dichloroethane - GC-MS/EPA 524.2; Dichlorodifluoromethane - GC-MS/EPA 524.2; 1,3-Dichloropropane - GC-MS/EPA 524.2; 2,2-Dichloropropane - GC-MS/EPA 524.2; 1,1-Dichloropropene - GC-MS/EPA 524.2; cis-1,3-Dichloropropene - GC-MS/EPA 524.2; trans-1,3-Dichloropropene - GC-MS/EPA 524.2; Fluorotrichloromethane - GC-MS/EPA 524.2; 1,1,1,2-Tetrachloroethane - GC-MS/EPA 524.2; 1,1,2,2-Tetrachloroethane - GC-MS/EPA 524.2; 1,2,3-Trichloropropane - GC-MS/EPA 524.2; n-Butylbenzene - GC-MS/EPA 524.2; sec-Butylbenzene - GC-MS/EPA 524.2; tert-Butylbenzene - GC-MS/EPA 524.2; Hexachlorobutadiene - GC-MS/EPA 524.2; Isopropylbenzene - GC-MS/EPA 524.2; p-Isopropyltoluene - GC-MS/EPA 524.2; MTBE - GC-MS/EPA 524.2; Napthalene - GC-MS/EPA 524.2; n-Propylbenzene - GC-MS/EPA 524.2; 1,2,3-Trichlorobenzene - GC-MS/EPA 524.2; 1,2,4-Trimethylbenzene - GC-MS/EPA 524.2; 1,3,5-Trimethylbenzene

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**(314) 298-8566**

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**EPA ID# # MO00054**

**LADHH Secondary AB (NELAP)**

**Certificate Number: LA110013**

**Date of Issue: 01-01-2011**

**Date of Expiration: 12-31-2011**

Radiological - Cesium 134 - GS/EPA 901.1; Cesium 137 - GS/EPA 901.1; Gross Alpha - PC/EPA 900.0; Gross Beta - PC/EPA 900.0; Radium 226 - AS/EPA 903.0; Radium 228 - SC/EPA 904.0; Strontium 90 - PC/DOE Sr-02; PC/EPA 905.0; Tritium - SC-L/EPA 906; Uranium - ICP-MS/EPA 200.8

**Underwriters Laboratories, Inc.**  
**110 South Hill Street**  
**Southbend, IN 46617**  
**(574) 233-4777**

**Dale Piechocki**  
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**EPA ID# IN00035**

**LADHH Secondary AB (NELAP)**

**Certificate Number: LA110015**

**Date of Issue: 01-01-2011**

**Date of Expiration: 12-31-2011**

HAA5 - Monochloroacetic Acid - GC-ECD/EPA 552.2; Monobromoacetic Acid - GC-ECD/EPA 552.2; Dichloroacetic Acid - GC-ECD/EPA 552.2; Trichloroacetic Acid - GC-ECD/EPA 552.2; Dibromoacetic Acid - GC-ECD/EPA 552.2; Total Haloacetic Acids - GC-ECD/EPA

## 552.2

Herbicides - 2,4 D - GC-ECD/EPA 515.3; 2,4,5-TP (Silvex) - GC-ECD/EPA 515.3; Dalapon - GC-ECD/EPA 515.3; Dinoseb - GC-ECD/EPA 515.3; Pentachlorophenol - GC-ECD/EPA 515.3; Picloram - GC-ECD/EPA 515.3; Dicamba - GC-ECD/EPA 515.3

Metals I – Antimony - ICP-MS/EPA 200.8; Arsenic - ICP-MS/EPA 200.8; Beryllium - ICP-MS/EPA 200.8; Barium - ICP-MS/EPA 200.8; Cadmium - ICP-MS/EPA 200.8; Chromium - ICP-MS/EPA 200.8; Copper - ICP-MS/EPA 200.8; Lead - ICP-MS/EPA 200.8; Mercury - CVAA/EPA 245.1; Nickel - ICP-MS/EPA 200.8; Selenium - ICP-MS/EPA 200.8; Thallium - ICP-MS/EPA 200.8

Metals II - Aluminum - ICP-AES/EPA 200.7; ICP-MS/EPA 200.8; Calcium - ICP-AES/EPA 200.7; Iron - ICP-AES/EPA 200.7; Manganese - ICP-AES/EPA 200.7; ICP-MS/EPA 200.8; Silver - ICP-AES/EPA 200.7; ICP-MS/EPA 200.8; Sodium - ICP-AES/EPA 200.7; Zinc - ICP-MS/EPA 200.8

Non-Metals – Bromate - IC/EPA 300.1; IC/EPA 317.0 ; Bromide - IC/EPA 300.0; Chloride - IC/EPA 300.0; Chlorite - IC/EPA 300.0; Cyanide - COLOR/EPA 335.4; Fluoride - IC/EPA 300.0; POT/SM 4500F-C; POT/Technicon 380-75WE; Nitrate - IC/EPA 300.0; COLOR/EPA 353.2; Nitrite - COLOR/EPA 353.2

Others - Alkalinity - TITR/SM 2320B; Chlorine - COLOR/SM 4500Cl-G; Color - COLOR/SM 2120B; Corrosivity - POT/SM 2330B; Hardness - SM 2340B; Magnesium - ICP-AES/EPA 200.7; Orthophosphate - COLOR/SM 4500P-E; Perchlorate - IC/EPA 314.0; LC/ESI/MS/EPA 331.0; Potassium - ICP-AES/EPA 200.7; pH - POT/EPA 150.1; Silica - ICP-AES/EPA 200.7; Sulfate - IC/EPA 300.0; TDS – GRAV/SM 2540C; TOC - IR/SM 5310C; DOC - IR/SM 5310C; Turbidity - NEPHELOMETRY/EPA 180.1; UV-254 - COLOR/SM 5910B;

Pesticides I - Alachlor - GC-MS/EPA 525.2; Aldrin - GC-MS/EPA 525.2; Atrazine - GC-MS/EPA 525.2; Butachlor - GC-MS/EPA 525.2; Chlordane - GC-ECD/EPA 505; Dieldrin - GC-MS/EPA 525.2; Endrin - GC-MS/EPA 525.2; Heptachlor - GC-MS/EPA 525.2; Heptachlor Epoxide - GC-MS/EPA 525.2; Lindane - GC-MS/EPA 525.2; Methoxychlor - GC-MS/EPA 525.2; Metolachlor - GC-MS/EPA 525.2; Metribuzin - GC-MS/EPA 525.2; Propachlor - GC-MS/EPA 525.2; Simazine - GC-MS/EPA 525.2; Toxaphene - GC-ECD/EPA 505

Pesticides II - Aldicarb - HPLC-Fluor/EPA 531.1; Aldicarb sulfone - HPLC-Fluor/EPA 531.1; Aldicarb sulfoxide - HPLC-Fluor/EPA 531.1; Carbofuran - HPLC-Fluor/EPA 531.1; Oxamyl (Vydate) - HPLC-Fluor/EPA 531.1; 3-Hydroxycarbofuran - HPLC-Fluor/EPA 531.1; Carbaryl - HPLC-Fluor/EPA 531.1; Methomyl - HPLC-Fluor/EPA 531.1

Pesticides III - Diquat - HPLC-UV/EPA 549.2; Endothall - GC-MS/EPA 548.1; Glyphosate - HPLC-UV/EPA 547

Radiological – Gross alpha - PC/SM 7110B; PC/SM 7110C; Gross Beta - PC/SM7110B; Radium 226 - PC/SM 7500 Ra-B; Radium 228 - PC/SM 7500 Ra-D; Tritium – LS/EPA 906.0; Uranium - ICP-MS/EPA 200.8

SOCs I – 2,3,7,8-TCDD – GC-HRMS/ EPA 1613; Dibromochloropropane (DBCP) - GC-ECD/EPA 504.1; Ethylene Dibromide (EDB) - GC-ECD/EPA 504.1; Di(2-ethylhexyl)Adipate - GC-MS/EPA 525.2; Di(2-ethylhexyl)Phthalate - GC-MS/EPA 525.2; Hexachlorobenzene - GC-MS/EPA 525.2; Hexachlorocyclopentadiene - GC-MS/EPA 525.2; PAHs [Benzo(a)pyrene] - GC-MS/EPA 525.2; PCBs - GC-ECD/EPA 505

TTHMs - Bromoform - GC-MS/EPA 524.2; GC-ECD/EPA 551.1; Chloroform - GC-MS/EPA 524.2; GC-ECD/EPA 551.1; Bromodichloromethane - GC-MS/EPA 524.2; GC-ECD/EPA 551.1; Chlorodibromomethane - GC-MS/EPA 524.2; GC-ECD/EPA 551.1; Total Trihalomethanes - GC-MS/EPA 524.2; GC-ECD/EPA 551.1

VOCs I - Benzene - GC-MS/EPA 524.2; Carbon Tetrachloride - GC-MS/EPA 524.2; p-Dichlorobenzene - GC-MS/EPA 524.2; 1,2-Dichloroethane - GC-MS/EPA 524.2; 1,1-Dichloroethylene - GC-MS/EPA 524.2; 1,1,1-Trichloroethane - GC-MS/EPA 524.2; Trichloroethylene - GC-MS/EPA 524.2; Vinyl Chloride - GC-MS/EPA 524.2; Chlorobenzene - GC-MS/EPA 524.2; o-Dichlorobenzene - GC-MS/EPA 524.2; cis-1,2-Dichloroethylene - GC-MS/EPA 524.2; trans-1,2-Dichloroethylene - GC-MS/EPA 524.2; Dichloromethane - GC-MS/EPA 524.2; 1,2-Dichloropropane - GC-MS/EPA 524.2; Ethylbenzene - GC-MS/EPA 524.2; Styrene - GC-MS/EPA 524.2; Tetrachloroethylene - GC-MS/EPA 524.2; Toluene - GC-MS/EPA 524.2; 1,1,2-Trichloroethane - GC-MS/EPA 524.2; 1,2,4-Trichlorobenzene - GC-MS/EPA 524.2; Total Xylenes - GC-MS/EPA 524.2

VOCs II (unregulated) - Bromobenzene - GC-MS/EPA 524.2; Bromochloromethane - GC-MS/EPA 524.2; Bromomethane - GC-MS/EPA 524.2; Chloroethane - GC-MS/EPA 524.2; Chloromethane - GC-MS/EPA 524.2; o-Chlorotoluene - GC-MS/EPA 524.2; p-Chlorotoluene - GC-MS/EPA 524.2; Dibromomethane - GC-MS/EPA 524.2; m-Dichlorobenzene - GC-MS/EPA 524.2; 1,1-Dichloroethane - GC-MS/EPA 524.2; Dichlorodifluoromethane - GC-MS/EPA 524.2; 1,3-Dichloropropane - GC-MS/EPA 524.2; 2,2-Dichloropropane - GC-MS/EPA 524.2; 1,1-Dichloropropene - GC-MS/EPA 524.2; cis-1,3-Dichloropropene - GC-MS/EPA 524.2; trans-1,3-Dichloropropene - GC-MS/EPA 524.2; Fluorotrichloromethane - GC-MS/EPA 524.2; 1,1,1,2-Tetrachloroethane - GC-MS/EPA 524.2; 1,1,2,2-Tetrachloroethane - GC-MS/EPA 524.2; 1,2,3-Trichloropropane - GC-MS/EPA 524.2; n-Butylbenzene - GC-MS/EPA 524.2; sec-Butylbenzene - GC-MS/EPA 524.2; tert-Butylbenzene - GC-MS/EPA 524.2; Hexachlorobutadiene - GC-MS/EPA 524.2; Isopropylbenzene - GC-MS/EPA 524.2; p-Isopropyltoluene - GC-MS/EPA 524.2; MTBE - GC-MS/EPA 524.2; Naphthalene - GC-MS/EPA 524.2; n-Propylbenzene - GC-MS/EPA 524.2; 1,2,3-Trichlorobenzene - GC-MS/EPA 524.2; 1,2,4-Trimethylbenzene - GC-MS/EPA 524.2; 1,3,5-Trimethylbenzene - GC-MS/EPA 524.2

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**EPA ID# # CA00413**

**LADHH Secondary AB (NELAP)**

**Certificate Number: LA110017**

**Date of Issue: 01-01-2011**

**Date of Expiration: 12-31-2011**

**SOCs 1 - 2, 3, 7, 8-TCDD (Dioxin) - GC-HRMS/EPA 1613**

**CERTIFYING AGENCY**

**Louisiana Department of Health & Hospitals  
Office of Public Health  
Laboratory Services- Lab Certification Program  
3101 West Napoleon Avenue  
Metairie, LA 70001**

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**AB = Accreditation Body**