

## LETTER OF RECIPROCAL CERTIFICATION

June 28, 2019

Anastasia Krakhaleva  
EMSL Analytical, Inc.  
200 Route 130 North  
Cinnaminson, NJ 08077-2892

Dear Anastasia Krakhaleva:

The Chemistry Laboratory, ISDH Laboratories, Indiana State Department of Health, has reviewed your request to become a certified laboratory for chemical analyses of drinking water in the state of Indiana, pursuant to the requirements under the Safe Drinking Water Act (SDWA) 42 U.S.C. 300f *et seq.*, the National Primary Drinking Water Regulations (NPDWR) 40 CFR 141 and 142, and the Indiana Primary Drinking Water Regulations (IPDWR) 327 IAC 8-2. Your submittal package contained certification information for the state of New Jersey, citing on-site inspections and the analysis of water supply (WS) proficiency testing (PT) samples from a New Jersey approved proficiency testing program.

Based on Indiana's policy of approving laboratories that are certified for drinking water analyses by states whose programs are approved by USEPA, and based on the results of the WS studies provided, the ISDH issues the following determination, pursuant to IC 4-21.5-3-5:

- The laboratory is hereby granted full certification for: *antimony, arsenic, barium, beryllium, cadmium, chromium, cyanide, fluoride, mercury, nickel, selenium, thallium, copper, lead, uranium, nitrate, nitrite, the regulated volatile organic compounds (VOC), vinyl chloride, trihalomethanes (THM), 1,2-dibromo-3-chloropropane (DBCP), 1,2-dibromoethane (EDB) and asbestos* (as indicated on the New Jersey certification letter or certificate).
- The laboratory has been assigned laboratory number C-NJ-04. This identification number is to be used on all reports for compliance monitoring of public water supplies to the Indiana Department of Environmental Management.

The expiration of Indiana certification will be the date that the laboratory's New Jersey certification expires (**June 30, 2020**). The status of Indiana certification will be reviewed, and if necessary, downgraded by Indiana, when: [1] an on-site evaluation by New Jersey is completed and a report of unsatisfactory performance is submitted by New Jersey to the Indiana certification

officer; or [2] the laboratory does not successfully analyze one (1) WS PT sample annually; or [3] the laboratory does not pay yearly Indiana laboratory certification fee.

In addition, the laboratory is required to provide the certification officer with the following documents, as they become available: [1] any change in certification status or expiration date of New Jersey certificate, and [2] reports of WS PT sample analysis.

If you wish to seek review or stay of the effectiveness of this determination, pursuant to IC 4-21.5-3-7, you are required to submit, in writing, a petition, on or before July 28, 2019, to:

Office of the Secretary  
Indiana State Department of Health  
2 North Meridian Street  
Indianapolis, IN 46204

The petition for review or stay must include facts demonstrating that:

- The petitioner is a person to whom the determination is specifically directed;
- The petitioner is aggrieved or adversely affected by the agency determination; or,
- The petitioner is entitled to review under any law.

Questions concerning the certification status granted by this letter should be directed to Katie Sullivan, Chemistry Laboratory Certification Officer, 317-921-5505.

Dated at Indianapolis, Indiana, this 28th day of June, 2019.

Sincerely,



Judith C. Lovchik, PhD, D(ABMM)  
Assistant Commissioner, Public Health Protection and Laboratory Services  
Indiana State Department of Health  
550 West 16th Street  
Indianapolis, Indiana 46202  
317 921-5808

A copy of this letter was sent electronically on the above date, to:

Casey Davidson  
Indiana Department of Environmental Management  
Drinking Water Branch  
100 North Senate Avenue  
Indianapolis, IN 46204



# Indiana State Department of Health

## SCOPE OF CERTIFICATION

EMSL Analytical Inc.  
Cinnaminson, New Jersey  
C-NJ-04

ANALYTE	METHOD	ANALYTE	METHOD
		<b>PCB</b>	
		as decachlorobiphenyl	Not certified
<b>METALS</b>		<b>HAA5s</b>	
Antimony	EPA 200.8 rev 5.4	Bromoacetic acid	Not certified
Arsenic	EPA 200.8 rev 5.4	Bromochloroacetic acid	Not certified
Barium	EPA 200.7 rev 4.4; EPA 200.8 rev 5.4	Chloroacetic acid	Not certified
Beryllium	EPA 200.8 rev 5.4	Dibromoacetic acid	Not certified
Cadmium	EPA 200.7 rev 4.4; EPA 200.8 rev 5.4	Dichloroacetic acid	Not certified
Chromium	EPA 200.7 rev 4.4; EPA 200.8 rev 5.4	<b>DISINFECTION</b>	
Copper	EPA 200.7 rev 4.4; EPA 200.8 rev 5.4	<b>BYPRODUCTS</b>	
Lead	EPA 200.8 rev 5.4 EPA 200.9 rev 2.2	Bromate	Not certified
Mercury	EPA 245.1 rev 3.0	Chlorite	Not certified
Nickel	EPA 200.7 rev 4.4; EPA 200.8 rev 5.4	<b>TTHM</b>	
Selenium	EPA 200.8 rev 5.4	Bromodichloromethane	EPA 524.2 rev 4.1
Thallium	EPA 200.8 rev 5.4	Bromoform	EPA 524.2 rev 4.1
<b>NONMETALS</b>		Chlorodibromomethane	EPA 524.2 rev 4.1
Cyanide	SM 4500-CN C,E; SM 4500-CN C,G	Chloroform	EPA 524.2 rev 4.1
Fluoride	EPA 300.0 rev 1.0	<b>CARBAMATES</b>	
Nitrate	EPA 300.0 rev 1.0	Carbofuran	Not certified
Nitrite	EPA 300.0 rev 1.0	Oxamyl (vydate)	Not certified
<b>PESTICIDES</b>		<b>HERBICIDES</b>	
Alachlor	Not certified	2,4-D	Not certified
Atrazine	Not certified	2,4,5-TP (silvex)	Not certified
Chlordane	Not certified	Dalapon	Not certified
Endrin	Not certified	Dinoseb	Not certified
Heptachlor	Not certified	Diquat	Not certified
Heptachlor epoxide	Not certified	Endothall	Not certified
Hexachlorobenzene	Not certified	Glyphosate	Not certified
Hexachlorocyclopentadiene	Not certified	Pentachlorophenol	Not certified
Lindane	Not certified	Picloram	Not certified
Methoxychlor	Not certified		
Simazine	Not certified		
Toxaphene	Not certified		

Revised: June 27, 2019

By:

*Kate Sullivan*



# Indiana State Department of Health

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EMSL Analytical Inc.  
Cinnaminson, New Jersey  
C-NJ-04

<b>ANALYTE</b>	<b>METHOD</b>	<b>ANALYTE</b>	<b>METHOD</b>
<b><u>20 REGULATED VOCs &amp; VINYL CHLORIDE</u></b>		<b><u>PAH</u></b>	
Benzene	EPA 524.2 rev 4.1	Benzo(a)pyrene	Not certified
Carbon tetrachloride	EPA 524.2 rev 4.1	<b><u>EDB &amp; DBCP</u></b>	
Chlorobenzene	EPA 524.2 rev 4.1		
1,2-dichlorobenzene	EPA 524.2 rev 4.1	1,2-Dibromoethane	EPA 504.1 rev 1.1
1,4-dichlorobenzene	EPA 524.2 rev 4.1	1,2-Dibromo3Chloropropane	EPA 504.1 rev 1.1
1,2-dichloroethane	EPA 524.2 rev 4.1	<b><u>ADIPATE &amp; PHTHALATE</u></b>	
1,1-dichloroethylene	EPA 524.2 rev 4.1		
cis-1,2-dichloroethylene	EPA 524.2 rev 4.1	Di(2-ethylhexyl)adipate	Not certified
trans-1,2-dichloroethylene	EPA 524.2 rev 4.1	Di(2-ethylhexyl)phthalate	Not certified
1,2-dichloropropane	EPA 524.2 rev 4.1	<b><u>MISCELLANEOUS ANALYTES</u></b>	
Ethylbenzene	EPA 524.2 rev 4.1		
Styrene	EPA 524.2 rev 4.1	2,3,7,8-TCDD (dioxin)	Not certified
Tetrachloroethylene	EPA 524.2 rev 4.1	Asbestos	EPA 100.1 Sept 1983; EPA 100.2 June 1994;
Toluene	EPA 524.2 rev 4.1	Uranium ( <i>by 200.8 only</i> )	EPA 200.8 rev 5.4
1,1,1-trichloroethane	EPA 524.2 rev 4.1		
Trichloroethylene	EPA 524.2 rev 4.1		
Xylenes (total)	EPA 524.2 rev 4.1		
Dichloromethane	EPA 524.2 rev 4.1		
1,2,4-trichlorobenzene	EPA 524.2 rev 4.1		
1,1,2-trichloroethane	EPA 524.2 rev 4.1		
Vinyl chloride	EPA 524.2 rev 4.1		

Revised: June 27, 2019

By: