

APPROVAL OF CERTIFICATION RENEWAL

July 15, 2020

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 renew your certification 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.

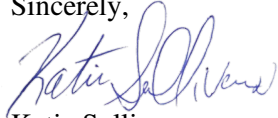
Based on Indiana's policy of approving laboratories that are certified for drinking water analyses by states whose programs are approved by USEPA, and based on the results of the WS studies provided, the ISDH issues the following determination, pursuant to IC 4-21.5-3-5:

We have approved your request to renew certification for:

- barium, beryllium, cadmium, chromium, nickel, copper, by **EPA 200.7**
- antimony, arsenic, barium, beryllium, cadmium, chromium, nickel, selenium, thallium, copper, lead, and uranium by **EPA 200.8**
- mercury by **EPA 245.1**
- fluoride, nitrate, and nitrite by **EPA 300.0**
- cyanide by **SM 4500-CN C,E**
- cyanide by **SM 4500-CN C,G**
- EDB and DBCP by **EPA 504.1**
- The regulated VOC, vinyl chloride, THMs by **EPA 524.2**
- Asbestos by **EPA 100.2**

The certification is effective as of June 30, 2020 and expiration of Indiana certification will be the date that the laboratory's New Jersey certification expires (**June 30, 2021**). Revised Indiana certification documents are being processed but may be significantly delayed due to COVID-19.

Sincerely,

A handwritten signature in blue ink that reads "Katie Sullivan". The signature is fluid and cursive.

Katie Sullivan
Drinking Water Microbiology Laboratory Certification Officer
Drinking Water Chemistry Laboratory Certification Officer
550 W. 16th Street, Suite B
Indianapolis, IN 46202
(317) 921-5505
KatSullivan@isdh.in.gov
CC: Casey Davidson (IDEM)

CORRECTION OF SCOPE OF CERTIFICATION

September 4, 2020

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

Dear Anastasia Krakhaleva:

It has come to our attention that we incorrectly listed the method on your Scope of certification for the regulated VOCs, vinyl chloride and the TTHMs as EPA 542.2 rather than the correct method EPA 524.2. Enclosed is your corrected scope of certification. The Indiana Department of Environmental Management (IDEM) has been made aware of this correction.

We apologize for any inconvenience that this has caused EMSL Analytical, Inc.

If you have further questions, please contact me.

Sincerely,



Katie Sullivan
Drinking Water Microbiology Laboratory Certification Officer
Drinking Water Chemistry Laboratory Certification Officer
550 W. 16th Street, Suite B
Indianapolis, IN 46202
(317) 921-5505
KatSullivan@isdh.in.gov
CC: Casey Davidson (IDEM)


SCOPE OF CERTIFICATION

EMSL Analytical, Inc.
 200 Route 130 North
 Cinnaminson, NJ 08077
 C-NJ-04



Indiana State
 Department of Health
 An Equal Opportunity Employer

ANALYTE	METHOD	ANALYTE	METHOD
Metals		PCB	
Antimony	EPA 200.8 rev 5.4	as decachlorobiphenyl	Not certified
Arsenic	EPA 200.8 rev 5.4	PCB screen only	Not certified
Barium	EPA 200.7 rev 4.4; EPA 200.8 rev 5.4	HAA5s	
Beryllium	EPA 200.7 rev 4.4; EPA 200.8 rev 5.4	HAA5s	Not certified
Cadmium	EPA 200.7 rev 4.4; EPA 200.8 rev 5.4	Disinfection	
Chromium	EPA 200.7 rev 4.4; EPA 200.8 rev 5.4	Byproducts	
Copper	EPA 200.7 rev 4.4; EPA 200.8 rev 5.4	Bromate	Not certified
Lead	EPA 200.8 rev 5.4	Chlorite	Not certified
Mercury	EPA 245.2 rev 3.0	TTHMs	
Nickel	EPA 200.7 rev 4.4; EPA 200.8 rev 5.4	TTHMs	EPA 524.2 rev 4.1
Selenium	EPA 200.8 rev 5.4	Carbamates	
Thallium	EPA 200.8 rev 5.4	Carbofuran	Not certified
Non-Metals		Oxamyl (vydate)	Not certified
Cyanide	SM 4500-CN C&E; SM 4500-CN C&G	Herbicides	
Fluoride	EPA 300.0 rev 2.1	2,4-D	Not certified
Nitrate	EPA 300.0 rev 2.1	2,4,5-TP (silvex)	Not certified
Nitrite	EPA 300.0 rev 2.1	Dalapon	Not certified
Pesticides		Dinoseb	Not certified
Alachlor	Not certified	Diquat	Not certified
Atrazine	Not certified	Endothall	Not certified
Chlordane	Not certified	Glyphosate	Not certified
Endrin	Not certified	Pentachlorophenol	Not certified
Heptachlor	Not certified	Picloram	Not certified
Heptachlor epoxide	Not certified	Adipate & Phthalate	
Hexachlorobenzene	Not certified	Di(2-ethylhexyl)adipate	Not certified
Hexachlorocyclopentadiene	Not certified	Di(2-ethylhexyl)phthalate	Not certified
Lindane	Not certified	EDB & DBCP	
Methoxychlor	Not certified	1,2-Dibromoethane	EPA 504.1 rev 1.1
Simazine	Not certified	1,2-Dibromo3Chloropropane	EPA 504.1 rev 1.1
Toxaphene	Not certified		

Revised 9/4/2020 By: 

SCOPE OF CERTIFICATION

EMSL Analytical, Inc.
 200 Route 130 North
 Cinnaminson, NJ 08077
 C-NJ-04



Indiana State
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ANALYTE	METHOD	ANALYTE	METHOD
20 Regulated VOCs & Vinyl Chloride		PAH	
		Benzo(a)pyrene	Not certified
Benzene	EPA 524.2 rev 4.1	Miscellaneous Analytes	
Carbon tetrachloride	EPA 524.2 rev 4.1	2,3,7,8-TCDD (dioxin)	Not certified
Chlorobenzene	EPA 524.2 rev 4.1	Asbestos	EPA 100.2 (6/1994)
1,2-dichlorobenzene	EPA 524.2 rev 4.1	Uranium (by 200.8 only)	EPA 200.8 rev 5.4
1,4-dichlorobenzene	EPA 524.2 rev 4.1		
1,2-dichloroethane	EPA 524.2 rev 4.1		
1,1-dichloroethylene	EPA 524.2 rev 4.1		
cis-1,2-dichloroethylene	EPA 524.2 rev 4.1		
trans-1,2-dichloroethylene	EPA 524.2 rev 4.1		
1,2-dichloropropane	EPA 524.2 rev 4.1		
Ethylbenzene	EPA 524.2 rev 4.1		
Styrene	EPA 524.2 rev 4.1		
Tetrachloroethylene	EPA 524.2 rev 4.1		
Toluene	EPA 524.2 rev 4.1		
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 9/4/2020 By: *Zes*