



Eric J. Holcomb
Governor

Kristina Box, MD, FACOG
State Health Commissioner

April 30, 2018

Tristan Davis
Element Materials Technology LLC
328 Ley Rd, Suite 100
Fort Wayne, IN 46825

Dear Tristan Davis:

I have received your request to add, by administrative certification, EPA methods 200.8 rev 5.4 and 245.1 rev 3.0 to your scope of certification due to the consolidation of Element Materials Technology-Daleville (C-18-02) with Element Materials Technology-Fort Wayne (C-02-03). I have reviewed the Element Materials Technology-Fort Wayne standard operating procedure for EPA method 200.8 rev 5.4 (*Determination of Trace Elements in Waters and Wastes by Inductively Coupled Plasma – Mass Spectrometry*) and EPA method 245.1 rev 3.0 (*Determination of Mercury in Water by Cold Vapor Atomic Absorption Spectrometry*), the data generated for the initial demonstration of capability and the method detection limit determinations.

Compliance monitoring data generated using this method by the laboratory is acceptable for complying with the National Primary Drinking Water Regulations (NPDWR) as implemented by 40 CFR Part 141 and 142 and the Indiana Primary Drinking Water Regulations (IPDWR) as implemented by 327 IAC 8-1 and 8-2.

Element Materials Technology-Fort Wayne (C-02-03) is hereby certification for: *antimony, arsenic, barium, beryllium, cadmium, chromium, cyanide, fluoride, mercury, nickel, selenium, thallium, copper, and lead*. See the accompanying scope of certification for the methods certified.

This administrative certification is valid until **July 3, 2018**; or until a full site assessment is performed by the Indiana drinking water certification officer and full certification is granted.

If you have further questions, please contact me.

Sincerely,

Katie E. Sullivan
Chemistry Laboratory Certification Officer
Indiana State Department of Health
550 West 16th Street, Suite B
Indianapolis, Indiana 46202
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Enclosure



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To promote and provide
essential public health services.



Indiana State Department of Health

SCOPE OF CERTIFICATION
Element Materials Technology-Fort Wayne
Fort Wayne, IN 46825
C-02-03

ANALYTE	METHOD	ANALYTE	METHOD
<u>METALS</u>		<u>PCB</u>	
Antimony	EPA 200.8 rev 5.4	as decachlorobiphenyl	Not certified
Arsenic	EPA 200.8 rev 5.4	<u>VOC</u>	
Barium	EPA 200.8 rev 5.4		
Beryllium	EPA 200.8 rev 5.4	20 regulated VOC	EPA 524.2 rev 4.1
Cadmium	EPA 200.8 rev 5.4	Vinyl chloride	EPA 524.2 rev 4.1
Chromium	EPA 200.8 rev 5.4	DBCP	EPA 504.1 rev 1.1
Copper	EPA 200.8 rev 5.4	EDB	EPA 504.1 rev 1.1
Lead	EPA 200.8 rev 5.4	<u>TTHM</u>	
Mercury	EPA 245.1 rev 3.0		
Nickel	EPA 200.8 rev 5.4	4 THM	EPA 524.2 rev 4.1
Selenium	EPA 200.8 rev 5.4	<u>PAH</u>	
Thallium	EPA 200.8 rev 5.4		
<u>NONMETALS</u>		Benzo(a)pyrene	Not certified
Cyanide	EPA 335.4 rev 1.0	<u>ADIPATE/PHTHALATE</u>	
Fluoride	EPA 300.0 rev 2.1; EPA 353.2 rev 2.0	Di(2-ethylhexyl)adipate	Not certified
Nitrate	EPA 300.0 rev 2.1; EPA 353.2 rev 2.0	Di(2-ethylhexyl)phthalate	Not certified
Nitrite	EPA 300.0 rev 2.1; EPA 353.2 rev 2.0	<u>CARBAMATES</u>	
<u>PESTICIDES</u>		Carbofuran	EPA 531.1 rev 3.1
Alachlor	Not certified	Oxamyl (vydate)	EPA 531.1 rev 3.1
Atrazine	Not certified	<u>HERBICIDES</u>	
Chlordane	EPA 505 rev 2.1		
Endrin	Not certified	2,4-D	EPA 515.3 rev 1.0
Heptachlor	Not certified	2,4,5-TP (silvex)	EPA 515.3 rev 1.0
Heptachlor epoxide	Not certified	Dalapon	EPA 515.3 rev 1.0
Hexachlorobenzene	Not certified	Dinoseb	EPA 515.3 rev 1.0
Hexachlorocyclopentadiene	Not certified	Diquat	EPA 549.2
Lindane	Not certified	Endothall	EPA 548.1
Methoxychlor	Not certified	Glyphosate	EPA 547
Simazine	Not certified	Pentachlorophenol	EPA 515.3 rev 1.0
Toxaphene	EPA 505 rev 2.1	Picloram	EPA 515.3 rev 1.0



Indiana State Department of Health

SCOPE OF CERTIFICATION
Element Materials Technology-Fort Wayne
Fort Wayne, IN 46825
C-02-03

ANALYTE	METHOD	ANALYTE	METHOD
<u>DISINFECTION BYPRODUCTS</u>		<u>MISCELLANEOUS ANALYTES</u>	
HAA5	EPA 552.2	2,3,7,8-TCDD (dioxin)	Not certified
Bromate	Not certified	Asbestos	Not certified
Chlorite	Not certified	Uranium (<i>by 200.8 only</i>)	Not certified