



Indiana State  
Department of Health  
*An Equal Opportunity Employer*

Mitchell E. Daniels, Jr.  
Governor

Judith A. Monroe, M.D.  
State Health Commissioner

**CERTIFIED MAIL NO. 7003 0500 0000 1424 6716**  
**RETURN RECEIPT REQUESTED**

July 31, 2009

William Chamberlin  
EMSL Analytical, Inc.  
3 Cooper Street  
Westmont, New Jersey 08108

Dear Mr. Chamberlin:

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 and copies of reports of 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, nitrate, nitrite, the regulated volatile organic compounds (VOC), vinyl chloride, trihalomethanes (THM), 1,2-dibromo-3-chloropropane (DBCP) and ethylene dibromide (EDB)* (as indicated on the New Jersey certification letter or certificate).
- The laboratory has been assigned laboratory number C-NJ-02. This identification number is to be used on all reports for compliance monitoring of public water supplies to the Indiana Department of Environmental Management.

**Epidemiology Resource Center**  
2525 N. Shadeland Ave. Suite E3, Indianapolis, IN 46219  
317.356.7190 ext. 253

**Laboratories**  
550 West 16th Street, Suite B, Indianapolis, IN 46202  
317.921.5500

**Weights & Measures**  
2525 N. Shadeland Ave. Suite D3, Indianapolis, IN 46219  
317.356.7078 ext. 221



2 North Meridian Street • Indianapolis, IN 46204 • 317.233.1325 • TDD 317.233.5577 • [www.statehealth.in.gov](http://www.statehealth.in.gov)  
The Indiana State Department of Health supports Indiana's economic prosperity and quality of life by promoting, protecting and providing for the health of Hoosiers in their communities.

The expiration of Indiana certification will be the date that the laboratory's New Jersey certification expires (June 30, 2010). 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.

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 the 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 August 18, 2009, 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 Philip Zillinger, Chemistry Laboratory Certification Officer, 317/921-5571.

Dated at Indianapolis, Indiana, this 31st day of July, 2009.

Sincerely,



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

A copy of this letter was sent on the above date, postage prepaid first class mail, to:

April Swift  
Indiana Department of Environmental Management  
Drinking Water Branch  
2525 North Shadeland Avenue  
Indianapolis, IN 46219



# Indiana State Department of Health

SCOPE OF CERTIFICATION  
EMSL ANALYICAL, INC.  
COOPER STREET  
WESTMONT, NEW JERSEY

| ANALYTE          | METHOD                               | ANALYTE                   | METHOD        |
|------------------|--------------------------------------|---------------------------|---------------|
| <u>METALS</u>    |                                      | <u>PCB</u>                |               |
| Antimony         | EPA 200.8;<br>EPA 200.9              | as decachlorobiphenyl     | Not certified |
| Arsenic          | EPA 200.8;<br>EPA 200.9              |                           |               |
| Barium           | EPA 200.7;<br>SM 3120B               | <u>VOC</u>                |               |
| Beryllium        | EPA 200.7;<br>EPA 200.8              | 20 regulated VOC          | EPA 524.2     |
| Cadmium          | EPA 200.7;<br>EPA 200.8              | Vinyl chloride            | EPA 524.2     |
| Chromium         | EPA 200.7;<br>EPA 200.8;<br>SM 3120B | DBCP                      | EPA 504.1     |
| Copper           | EPA 200.7;<br>EPA 200.8;<br>SM 3111B | EDB                       | EPA 504.1     |
| Lead             | EPA 200.8;<br>EPA 200.9              |                           |               |
| Mercury          | EPA 245.1;<br>SM 3112B               | <u>THM</u>                |               |
| Nickel           | EPA 200.7;<br>SM 3120B               | 4 THM                     | EPA 524.2     |
| Selenium         | EPA 200.8;<br>EPA 200.9              |                           |               |
| Thallium         | EPA 200.8;<br>EPA 200.9              | <u>PAH</u>                |               |
|                  |                                      | Benzo(a)pyrene            | Not certified |
| <u>NONMETALS</u> |                                      |                           |               |
| Nitrate          | EPA 300.0                            | <u>ADIPATE/PHTHALATE</u>  |               |
| Nitrite          | EPA 300.0                            | Di(2-ethylhexyl)adipate   | Not certified |
| Fluoride         | EPA 300.0                            | Di(2-ethylhexyl)phthalate | Not certified |
| Cyanide          | SM 4500-CN<br>C, E                   |                           |               |
|                  |                                      |                           |               |



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 WESTMONT, NEW JERSEY

| ANALYTE                            | METHOD        | ANALYTE                           | METHOD        |
|------------------------------------|---------------|-----------------------------------|---------------|
| <u>PESTICIDES</u>                  |               | <u>CARBAMATES</u>                 |               |
| Alachlor                           | Not certified | Carbofuran                        | Not certified |
| Atrazine                           | Not certified | Oxamyl                            | Not certified |
| Chlordane                          | Not certified |                                   |               |
| Endrin                             | Not certified | <u>HERBICIDES</u>                 |               |
| Heptachlor                         | Not certified | 2,4-D                             | Not certified |
| Heptachlor epoxide                 | Not certified | 2,4,5-TP                          | Not certified |
| Hexachlorobenzene                  | Not certified | Dalapon                           | Not certified |
| Hexachlorocyclopentadiene          | Not certified | Dinoseb                           | Not certified |
| Lindane                            | Not certified | Diquat                            | Not certified |
| Methoxychlor                       | Not certified | Endothall                         | Not certified |
| Simazine                           | Not certified | Glyphosate                        | Not certified |
| Toxaphene                          | Not certified | Pentachlorophenol                 | Not certified |
|                                    |               | Picloram                          | Not certified |
| <u>DISINFECTION<br/>BYPRODUCTS</u> |               |                                   |               |
| HAA5                               | Not certified | <u>MISCELLANEOUS<br/>ANALYTES</u> |               |
| Bromate                            | Not certified | 2,3,7,8-TCDD (dioxin)             | Not certified |
| Chlorite                           | Not certified | Asbestos                          | Not certified |
|                                    |               |                                   |               |