



EMSL Test Lab

200 Route 130 North, Cinnaminson, NJ 08077
Phone/Fax: (856)858-4800 / (856)858-0648
<http://www.emsl.com> / drinkingwaterlab@emsl.com

EMSL Order ID: 991300177
Customer ID: DOUG
Customer PO: 0123456
Project ID:

Attn: Eric Ciotti
Client Business Name
Address Line 1
Address Line 2
Riverton, NJ 08077
Proj: FHA/VA Water Test

Phone:
Fax:
Date Collected: 10/7/2013 10:00
Date Received: 10/8/2013 09:30

Laboratory Report Analytical Results Summary

FHA/VA BasicPlus Water Panel

Sampling Site	Drinking Water Kit Barcode
123 Mockingbird Lane	Kit Number Displayed Here
Contaminant Groups	Result Indicator
Microorganisms <i>Such as Cryptosporidium, E. coli, Legionella</i>	
Inorganic Chemicals (including Metals) <i>Such as Arsenic, Lead, Nitrate</i>	
Organic Chemicals <i>Such as Benzene, PCB's, Vinyl chloride</i>	Not Tested
Disinfectants <i>Such as Chloramines, Chlorine, Chlorine dioxide</i>	Not Tested
Disinfection Byproducts <i>Such as Bromate, Haloacetic acids, Trihalomethanes</i>	Not Tested
Radionuclides <i>Such as Alpha/Beta Photon Emitters, Uranium, Radium ^{226/228}</i>	Not Tested
Physical Characteristics <i>Such as Color, Hardness, Turbidity</i>	

Interpretation Key and Definitions



Result detected at, above, or outside federal limit



Result detected above laboratory reporting limit but below federal limit



Result not detected; or detected at or below the laboratory reporting limit

Any sample non-conformances will be listed here.

Initial Report From: 3/3/2014 15:34
Amended Report From: Initial Report

Julie Smith - Laboratory Director

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Laboratory Report Analytical Results Detail

FHA/VA BasicPlus Water Panel

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Contaminant	Sample Date/Time Analyzed	Method	Reporting Limit	Units	Federal Limit	Results	Indicator
Microorganisms							
Total Coliform	10/8/2013 12:30	SM 9223B	1 CFU/100mL	-	Absent	Absent	
<i>E. coli</i>	10/8/2013 12:30	SM 9223B	1 CFU/100mL	-	Absent	Absent	
Metals							
Lead	10/9/2013 10:00	EPA 200.8	0.0010	mg/L	0.015	0.015	
Iron	10/9/2013 10:00	EPA 200.7	0.10	mg/L	0.30	0.31	
Manganese	10/9/2013 10:00	EPA 200.8	0.0010	mg/L	0.050	ND	
Inorganic Chemicals							
Nitrate	10/9/2013 10:00	EPA 300.0	0.50	mg/L	10	10	
Nitrite	10/9/2013 10:00	EPA 300.0	0.50	mg/L	1.0	0.99	
Physical Characteristics							
Turbidity*	10/9/2013 10:00	EPA 180.1	0.30	NTU	1.0	2.0	
pH	10/9/2013 10:00	EPA 150.1	N/A	pH units	6.5 - 8.5	10	

Interpretation Key and Definitions

Result detected at, above, or outside federal limit	Result detected above laboratory reporting limit but below federal limit	Result not detected; or detected at or below the laboratory reporting limit
Federal limit: The maximum contaminant level (MCL) that is allowed in drinking water mg/L: Milligrams per liter or parts per million (ppm) ND: Not detected		CFU: Colony forming units NTU: Nephelometric turbidity units * Interpretation is filtration system dependent

Any sample non-conformances will be listed here.

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Amended Report From: Initial Report

Julie Smith - Laboratory Director

FHA/VA BasicPlus Water Panel

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Understanding Your FHA/VA BasicPlus Water Panel Results

Contaminated drinking water is one of the oldest known public health concerns. The fact that a water supply has been used for a prolonged amount of time without reported adverse health effects is not a guarantee of its safety. Regular users of a water supply can develop a tolerance for the contaminants present within their water supply while infrequent users may become sick by drinking the same water. This informational water quality testing report compares your sample results to national standards that are defined within the United States Environmental Protection Agency's (EPA) National Primary and Secondary Drinking Water Regulations. Federal public health goals as well as state, county, municipal, and local health department regulations may recommend stricter standards for the same target contaminant. Health effect information presented within this report was gathered from EPA resources. These test results are intended to be used for informational purposes only and are not intended to be used for state or regulatory compliance.

Microorganisms

The Coliform Test

A pathogen is a disease carrying organism. Many different pathogens could be present within a water system. It is not practical to test for all pathogens; therefore, the EPA requires testing for indicator organisms, or coliform bacteria. The standard bacteriological method for assessing the safety of water for domestic use is the coliform test. "Total coliforms" refer to a group of closely related bacteria that are generally harmless. They are natural and common inhabitants of surface waters, soil, and plants. Coliform bacteria are also found within the gut of warm-blooded animals, including humans. Their presence within your drinking water suggests that there has been a breach, a failure, or another change in the integrity of your water system which could allow other pathogens to enter into your drinking water. The absence of total coliform bacteria within a water system is used as the basis for considering water safe to drink.

The *Escherichia coli* (*E. coli*) Test

Fecal coliform bacteria are a subset of total coliform bacteria. *E. coli* belongs to the fecal coliform group. The presence of *E. coli* is a good indicator of fecal contamination and of the potential presence of other waterborne pathogens that are associated with human and animal fecal contamination. The absence of *E. coli* within a water system is used as the basis for considering water safe to drink.

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Metals

Lead

Materials that contain Lead have been commonly used in the construction of water supply distribution systems and plumbing systems in homes and commercial buildings. Lead is a heavy metal that has the potential to cause numerous adverse health effects in humans. The most significant and probable health effects associated with infants and children who drink water exceeding the action level are delays in their physical or mental development. Children can display attention span deficits and learning disabilities. Adults who consume contaminated water over many years can develop high blood pressure or kidney problems. Common sources of Lead contamination are household plumbing systems (service lines, pipes, brass and bronze fixtures, and solders and fluxes). The EPA has established an action level of 0.015 mg/L for Lead in drinking water.

Iron

The secondary, recommended maximum contaminant level for iron is 0.3 mg/L. The presence of iron within our drinking water can be attributed to two primary sources: natural geologic sources and aging/corroding water distribution systems and piping. Iron-based materials such as cast iron and galvanized steel have been widely used within our distribution systems and household plumbing. One of the most frequent consumer complaints about drinking water is discoloration. Iron quantities that exceed 0.3 mg/L in drinking water can cause an unpleasant metallic taste and a rusty color. Elevated levels of iron in drinking water can stain laundered items and plumbing fixtures, damage water equipment, and reduce the effectiveness of water treatment techniques for other contaminants. Iron is an essential mineral for human health in small concentrations. Ingestion of iron from drinking water is not directly associated with adverse health effects; however, trace impurities and microorganisms that are adsorbed by iron solids may pose human health concerns.

Manganese

The secondary, recommended maximum contaminant level for manganese is 0.05 mg/L. Manganese is a naturally-occurring element that is commonly found in soil, air, and water. Elevated levels of manganese in drinking water can stain laundered items and plumbing fixtures with a brownish color. Like iron, manganese is an essential nutrient for humans. Adverse health effects can be caused by inadequate intake or overexposure. The main route of human exposure to manganese is ingestion of food. Manganese ingestion from drinking water is normally substantially lower when compared to manganese ingestion from food. The health effects from over-exposure to manganese are dependent upon several factors, including: the route of exposure, the chemical form, the age at exposure, and an individual's nutritional status. The nervous system has been determined to be the primary target. Many of the reports of human adverse effects from manganese exposure are cited from inhalation exposure in occupational settings. While there are substantial data supporting the neurological effects of inhaled manganese in both humans and animals, there are few data that support the association between oral exposure to manganese and toxic effects.

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Inorganic Chemicals

Nitrate/Nitrite

Nitrates and nitrites are nitrogen-oxygen chemical units which combine with various organic and inorganic compounds. Nitrates occur naturally in mineral deposits, soils, seawater and freshwater systems, the atmosphere, and in regional plant life. Nitrates are most commonly used as a fertilizer. Once nitrates are consumed, they are converted to nitrites. The toxicity of nitrate in humans is due to the body's reduction of nitrate to nitrite. Infants younger than six months of age who drink water containing nitrate in excess of the maximum contaminant level can become seriously ill. These illness symptoms include shortness of breath and Blue Baby Syndrome. If infants become ill and they do not receive treatment, their sickness can become fatal. Major sources of nitrate in drinking water include fertilizer run-off, leaching from septic tanks (sewage), and erosion of natural deposits. The EPA has set an enforceable regulation for nitrate at 10 mg/L and for nitrite at 1 mg/L.

Physical Factors

Turbidity

Turbidity is a measure of water clarity and it is an expression of the optical property of a water sample which causes light to be scattered and absorbed rather than passing straight through a sample. Turbidity is caused by the presence of dissolved and/or suspended matter such as microscopic organisms, soil particles (clay, silt, and sand), and other fine particles of both organic and inorganic matter. As the number of particles increase, more light is scattered and absorbed, and turbidity increases. Turbidity is used to indicate water quality and filtration effectiveness. Higher turbidity levels are often associated with higher levels of disease-causing microorganisms such as viruses, parasites, and some bacteria. Turbidity readings are expressed as nephelometric turbidity units (NTU). For water systems using conventional or direct filtration methods, turbidity cannot exceed 1.0 NTU; turbidity must be less than or equal to 0.3 NTU in at least 95 percent of samples collected within any month. Systems that use filtration other than conventional or direct filtration must follow state limits, which at no time may exceed 5.0 NTU.

pH

pH is a numerical expression indicating the degree to which water is acidic or alkaline. pH is represented on a scale of 0 to 14 with 0 being the most acidic, 14 the most alkaline, and 7 being neutral. The secondary, recommended maximum contaminant level range for pH is 6.5 to 8.5. Both low and high pH levels are deemed undesirable due to the effects upon both water systems and taste. Low pH (acidic) levels can have a corrosive effect on metal plumbing and fixtures and can also cause Lead leaching from pipe solder and brass plumbing fixtures. Metallic taste is frequently associated with acidic water while a bitter taste may be associated with alkaline (high pH) water. High pH levels reduce the effectiveness of chlorine disinfection. High degrees of mineralization are also associated with alkaline water which leads to encrustation of water supply lines.

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National Primary Drinking Water Regulations

Microorganisms

Contaminant	MCL ¹ or TT ¹ (mg/L) ²
<i>Cryptosporidium</i>	TT ⁷
Fecal coliform and <i>E. coli</i>	MCL ⁶
<i>Giardia lamblia</i>	TT ⁷
Heterotrophic plate count (HPC)	TT ⁷
<i>Legionella</i>	TT ⁷
Total Coliforms	5.0% ⁸
Turbidity	TT ⁷
Viruses (enteric)	TT ⁷

Inorganic Chemicals

Contaminant	MCL ¹ or TT ¹ (mg/L) ²
Antimony	0.006
Arsenic	0.010
Asbestos (fibers > 10 micrometers)	7 million fibers per liter (MFL)
Barium	2.0
Beryllium	0.004
Cadmium	0.005
Chromium (total)	0.1
Copper	TT ⁵ ; Action level = 1.3
Cyanide (as free cyanide)	0.2
Fluoride	4.0
Lead	TT ⁵ ; Action level = 0.015
Mercury (inorganic)	0.002
Nitrate (measured as Nitrogen)	10.0
Nitrite (measured as Nitrogen)	1.0
Selenium	0.05
Thallium	0.002

Disinfectants

Contaminant	MCL ¹ or TT ¹ (mg/L) ²
Chloramines (as Cl ₂)	MRDL=4.0 ¹
Chlorine (as Cl ₂)	MRDL=4.0 ¹
Chlorine dioxide (as ClO ₂)	MRDL=0.8 ¹

Disinfection Byproducts

Contaminant	MCL ¹ or TT ¹ (mg/L) ²
Bromate	0.010
Chlorite	1.0
Haloacetic acids (HAAs)	0.060
Total Trihalomethanes (TTHMs)	0.080

Radionuclides

Contaminant	MCL ¹ or TT ¹ (mg/L) ²
Alpha photon emitters	15 picocuries per liter (pCi/L)
Beta photon emitters	4 millirems per year
Radium ²²⁶ and Radium ²²⁸ (combined)	5 pCi/L
Uranium	30 ug/L

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National Primary Drinking Water Regulations

Organic Chemicals

Contaminant	MCL ¹ or TT ¹ (mg/L) ²	Contaminant	MCL ¹ or TT ¹ (mg/L) ²	Contaminant	MCL ¹ or TT ¹ (mg/L) ²
Acrylamide	TT ⁴	Dichloromethane	0.005	Lindane	0.0002
Alachlor	0.002	1,2-Dichloropropane	0.005	Methoxychlor	0.04
Atrazine	0.003	Di(2-ethylhexyl) adipate	0.4	Oxamyl (Vydate)	0.2
Benzene	0.005	Di(2-ethylhexyl) phthalate	0.006	Pentachlorophenol	0.001
Benzo(a)pyrene (PAHs)	0.0002	Dinoseb	0.007	Picloram	0.5
Carbofuran	0.04	Dioxin (2,3,7,8-TCDD)	0.00000003	Polychlorinated biphenyls (PCBs)	0.0005
Carbon tetrachloride	0.005	Diquat	0.02	Simazine	0.004
Chlordane	0.002	Endothall	0.1	Styrene	0.1
Chlorobenzene	0.1	Endrin	0.002	Tetrachloroethylene	0.005
2,4-D	0.07	Epichlorohydrin	TT ⁴	Toluene	1.0
Dalapon	0.2	Ethylbenzene	0.7	Toxaphene	0.003
1,2-Dibromo-3-chloropropane (DBCP)	0.0002	Ethylene dibromide	0.00005	2,4,5-TP (Silvex)	0.05
o-Dichlorobenzene	0.6	Glyphosate	0.7	1,2,4-Trichlorobenzene	0.07
p-Dichlorobenzene	0.075	Heptachlor	0.0004	1,1,1-Trichloroethane	0.2
1,2-Dichloroethane	0.005	Heptachlor epoxide	0.0002	1,1,2-Trichloroethane	0.005
1,1-Dichloroethylene	0.007	Hexachlorobenzene	0.001	Trichloroethylene	0.005
cis-1,2-Dichloroethylene	0.07	Hexachlorocyclopentadiene	0.05	Vinyl chloride	0.002
trans-1,2-Dichloroethylene	0.1			Xylenes (total)	10

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Sampling Site

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National Primary Drinking Water Regulations

Notes

1 Definitions:

Maximum Contaminant Level Goal (MCLG)—The level of a contaminant in drinking water below which there is no known or expected risk to health. MCLGs allow for a margin of safety and are non-enforceable public health goals.

Maximum Contaminant Level (MCL)—The highest level of a contaminant that is allowed in drinking water. MCLs are set as close to MCLGs as feasible using the best available treatment technology and taking cost into consideration. MCLs are enforceable standards.

Maximum Residual Disinfectant Level Goal (MRDLG)—The level of a drinking water disinfectant below which there is no known or expected risk to health. MRDLGs do not reflect the benefits of the use of disinfectants to control microbial contaminants.

Maximum Residual Disinfectant Level (MRDL)—The highest level of a disinfectant allowed in drinking water. There is convincing evidence that addition of a disinfectant is necessary for control of microbial contaminants.

Treatment Technique (TT)—A required process intended to reduce the level of a contaminant in drinking water.

2 Units are in milligrams per liter (mg/L) unless otherwise noted. Milligrams per liter are equivalent to parts per million (ppm).

3 Health effects are from long-term exposure unless specified as short-term exposure.

4 Each water system must certify annually, in writing, to the state (using third-party or manufacturers certification) that when it uses acrylamide and/or epichlorohydrin to treat water, the combination (or product) of dose and monomer level does not exceed the levels specified, as follows: Acrylamide = 0.05 percent dosed at 1 mg/L (or equivalent); Epichlorohydrin = 0.01 percent dosed at 20 mg/L (or equivalent).

5 Lead and copper are regulated by a Treatment Technique that requires systems to control the corrosiveness of their water. If more than 10 percent of tap water samples exceed the action level, water systems must take additional steps. For copper, the action level is 1.3 mg/L, and for lead is 0.015 mg/L.

6 A routine sample that is fecal coliform-positive or *E. coli*-positive triggers repeat samples - if any repeat sample is total coliform-positive, the system has an acute MCL violation. A routine sample that is total coliform-positive and fecal coliform-negative or *E. coli*-negative triggers repeat samples - if any repeat sample is fecal coliform-positive or *E. coli*-positive, the system has an acute MCL violation. See also Total Coliforms.

7 EPA's surface water treatment rules require systems using surface water or ground water under the direct influence of surface water to (1) disinfect their water, and (2) filter their water or meet criteria for avoiding filtration so that the following contaminants are controlled at the following levels:

- *Cryptosporidium*: 99 percent removal for systems that filter. Unfiltered systems are required to include *Cryptosporidium* in their existing watershed control provisions.
- *Giardia lamblia*: 99.9 percent removal/inactivation

- Viruses: 99.99 percent removal/inactivation

- *Legionella*: No limit, but EPA believes that if *Giardia* and viruses are removed/inactivated according to the treatment techniques in the surface water treatment rule, *Legionella* will also be controlled.

- Turbidity: For systems that use conventional or direct filtration, at no time can turbidity (cloudiness of water) go higher than 1 nephelometric turbidity unit (NTU), and samples for turbidity must be less than or equal to 0.3 NTU in at least 95 percent of the samples in any month. Systems that use filtration other than conventional or direct filtration must follow state limits, which must include turbidity at no time exceeding 5 NTU.

- HPC: No more than 500 bacterial colonies per milliliter

- Long Term 1 Enhanced Surface Water Treatment; Surface water systems or ground water systems under the direct influence of surface water serving fewer than 10,000 people must comply with the applicable Long Term 1 Enhanced Surface Water Treatment Rule provisions (e.g. turbidity standards, individual filter monitoring, *Cryptosporidium* removal requirements, updated watershed control requirements for unfiltered systems).

- Long Term 2 Enhanced Surface Water Treatment; This rule applies to all surface water systems or ground water systems under the direct influence of surface water. The rule targets additional *Cryptosporidium* treatment requirements for higher risk systems and includes provisions to reduce risks from uncovered finished water storages facilities and to ensure that the systems maintain microbial protection as they take steps to reduce the formation of disinfection byproducts. (Monitoring start dates are staggered by system size. The largest systems (serving at least 100,000 people) will begin monitoring in October 2006 and the smallest systems (serving fewer than 10,000 people) will not begin monitoring until October 2008. After completing monitoring and determining their treatment bin, systems generally have three years to comply with any additional treatment requirements.)

- Filter Backwash Recycling: The Filter Backwash Recycling Rule requires systems that recycle to return specific recycle flows through all processes of the system's existing conventional or direct filtration system or at an alternate location approved by the state.

8 No more than 5.0 percent samples total coliform-positive in a month. (For water systems that collect fewer than 40 routine samples per month, no more than one sample can be total coliform-positive per month.) Every sample that has total coliform must be analyzed for either fecal coliforms or *E. coli*. If two consecutive TC-positive samples, and one is also positive for *E. coli* or fecal coliforms, system has an acute MCL violation.

9 Although there is no collective MCLG for this contaminant group, there are individual MCLGs for some of the individual contaminants:

- Haloacetic acids: dichloroacetic acid (zero); trichloroacetic acid (0.3 mg/L)
- Trihalomethanes: bromodichloromethane (zero); bromoform (zero); dibromochloromethane (0.06 mg/L)

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National Secondary Drinking Water Regulations

National Secondary Drinking Water Regulations are non-enforceable guidelines regarding contaminants that may cause cosmetic effects (such as skin or tooth discoloration) or aesthetic effects (such as taste, odor, or color) in drinking water. The EPA recommends secondary standards to water systems but does not require systems to comply. However, some states may choose to adopt them as enforceable standards.

Contaminant	Secondary Maximum Contaminant Level
Aluminum	0.05 to 0.2 mg/L
Chloride	250 mg/L
Color	15 (color units)
Copper	1.0 mg/L
Corrosivity	noncorrosive
Fluoride	2.0 mg/L
Foaming Agents	0.5 mg/L
Iron	0.3 mg/L
Manganese	0.05 mg/L
Odor	3 threshold odor number
pH	6.5-8.5
Silver	0.10 mg/L
Sulfate	250 mg/L
Total Dissolved Solids	500 mg/L
Zinc	5 mg/L

For a current list of the EPA's National Primary and Secondary Drinking Water Regulations, please visit <http://water.epa.gov/drink/contaminants/upload/mcl-2.pdf>. Federal public health goals as well as state, county, municipal, and local health department regulations may recommend stricter standards for the same target contaminant.

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Consumer Links:



EPA Primary and Secondary Drinking Water Regulations

<http://water.epa.gov/drink/contaminants/upload/mcl-2.pdf>

Ground Water and Drinking Water

<http://water.epa.gov/drink/index.cfm>

Drinking Water Contaminants

<http://water.epa.gov/drink/contaminants/index.cfm>

Basic Information about Pathogens and Indicators in Drinking Water

<http://water.epa.gov/drink/contaminants/basicinformation/pathogens.cfm>

Private Drinking Water Wells

<http://water.epa.gov/drink/info/well/index.cfm>

Standards & Risk Management

<http://water.epa.gov/drink/standardsriskmanagement.cfm>

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Description of Analysis

Analytical Laboratory:

EMSL Analytical, Inc., (EMSL) is a national network of laboratories located in key cities throughout the USA and Canada. Established in 1981, the company has expanded its analytical services and capabilities and now operates more than thirty lab locations, all striving for excellence in providing quality laboratory services in a timely and cost competitive manner.

Our diverse staff of over 500 employees includes a wide range of expertise, educational background, and experience. These dedicated and capable employees follow the lead and standard of care demonstrated by the owner and founder of the company, Dr. Peter Frasca, who, as a hands on owner, maintains daily involvement in our laboratory operations, and dictates that our work is consistent with his EMSL Diamond Standard. This "Diamond Standard" includes the following:

- ◆ **Quality Data** - Strict adherence to our quality programs and regulatory requirements which comply with the ISO 17025 guidelines so that our data is tracked, managed, reported, and verified to be accurate and reliable.
- ◆ **Customer Dedication** - We strive to create lasting, mutually beneficial relationships with all clients. We solicit feedback from our clients and we are committed to responding quickly to any questions or concerns that may arise before, during, or after an assignment.
- ◆ **Analytical Expertise** - We employ highly qualified and experienced chemists, geologists, physicists, mycologists, microbiologists, biologists, materials scientists, and industrial hygienists to enhance our analytical abilities and expertise.
- ◆ **Integrity and Ethics** - We insist that our employees uphold the highest ethics and standards. We maintain a "no compromise" policy as it pertains to any ethical issue.
- ◆ **Responsiveness** - We recognize that the timeliness of a report is as important as the quality of the data. We will not however, allow deadlines or the rush needs of a project to adversely impact our quality objectives.
- ◆ **Technology** - We recognize the importance of new technology to better enable us to provide improved service. LabConnect™ access to your data, customized reports, Laboratory Information Management Systems, and analytical instrumentation are continuously upgraded to enable continuous improvement of our service and capabilities.
- ◆ **Value** - We believe that a business relationship with EMSL provides you with an excellent value. We provide you with a complete value package that includes all components of the EMSL Diamond Standard.

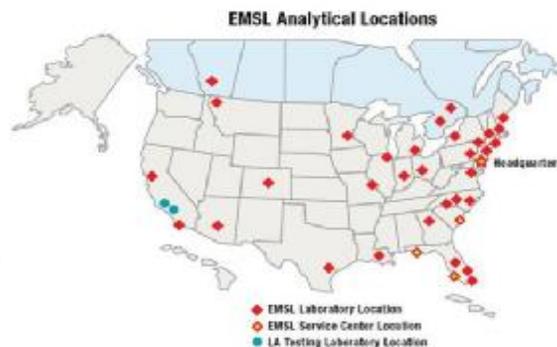
LOCALLY FOCUSED, NATIONALLY RECOGNIZED

UNMATCHED CAPACITY FROM OUR COLLECTIVE STRENGTH OF NATIONWIDE LOCATIONS



EMSL Analytical, Inc. has been fortunate to be able to maintain a solid history of stable growth and viability for the past thirty years with a current network consisting of greater than thirty laboratories and service centers.

For a complete list of analytical services offered, please contact EMSL Analytical, Inc. at (800) 220-3675.



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Important Terms, Conditions, and Limitations

A. Analytical Methods

EMSL is an independent laboratory that performed the analysis of these samples. EMSL did not conduct the sampling or the site investigation for this report. These samples were analyzed using one or more of the methods published by the United States Environmental Protection Agency (USEPA), the American Public Health Association (APHA), the American Water Works Association (AWWA), and the Water Environment Federation (WEF).

B. Sample Hold Time and Preservation

Most drinking water tests have short hold times and/or preservation requirements. All drinking water samples should be submitted to the laboratory within 24 hours of collection and must be received on ice. If the samples are not received within 24 hours of collection, resulting in missed hold times, the report may be commented. Sample preservatives, if required, may be added to each bottle by the laboratory prior to shipment. If present, it is necessary for the preservative to remain in the bottle during sample collection.

C. Sample Retention

Water samples submitted to EMSL will be retained for a period of one week after the analytical results have been reported. Samples containing hazardous/toxic substances require special handling. EMSL reserves the right to charge a sample disposal fee or a shipping fee in order to return samples to the client.

D. Change Orders and Cancellation

All changes in the scope of work or turnaround time requested by the client after sample acceptance must be made in writing and confirmed in writing by EMSL. If requested changes result in a change in cost, the client must accept payment responsibility. In the event work is cancelled by a client, EMSL will complete work in progress and invoice for work completed to the point of cancellation notice. EMSL is not responsible for holding times that are exceeded due to such changes.

E. Warranty

EMSL warrants to its clients that all services provided hereunder shall be performed in accordance with established and recognized analytical testing procedures and with reasonable care in accordance with applicable federal, state, and local laws. The foregoing express warranty is exclusive and is given in lieu of all other warranties, expressed or implied. EMSL disclaims any other warranties, expressed or implied, including a warranty of fitness for particular purpose and warranty of merchantability.

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