



**RESPONSE TO REQUEST FOR PROPOSAL  
CERTIFIED LABORATORY FOR PFAS  
TESTING**

City of Ann Arbor, MI

Bid# 20-25

July 16, 2020

July 14, 2020

City of Ann Arbor, Michigan  
Procurement Unit  
C/O Customer Service  
301 East Huron Street  
Ann Arbor, Michigan 48104

**Re: Certified Laboratory for PFAS Testing**  
**RFP # 20-25**

Eurofins Eaton Analytical, LLC is pleased to submit this service and cost consideration response to the City of Ann Arbor, Michigan for Laboratory Services as solicited and specified within the guidance and parameters stated within scope of work provided by such mentioned above agency.

Eurofins Eaton Analytical is a NELAC full-service water quality testing laboratory and also holds ISO 17025 & TNI accreditation to perform water quality compliance analysis in all 50 states. Our two locations have over 100,000 combined square feet of laboratory space with 200 qualified staff at our South Bend, IN and Monrovia, CA labs. Our supporting sister laboratory, Eurofins Lancaster Laboratories, has extensive capabilities, instrumentation, and personnel resources at their 330,000-square-foot facility. They have supported PFAS testing on a large assortment of matrices, including non-potable water, soils, sediments, and other solids, liquids, and AFFF.

Considerations critical to the success of the services offered to the City of Ann Arbor:

- **Experience** – Our Eurofins, South Bend, Indiana laboratory analyzed nearly 7000 PFAS samples in the year 2019, and thousands more at our other two locations.
- **Technical Expertise** - Eurofins is the recognized expert in water quality analysis. Our staff is involved at the Federal level serving as a stakeholder, contributor in the inter laboratory validation program of EPA analytical methods, regulatory monitoring requirements and compliance data assessment. Our technical staff members are available to you without charge and will help keep you ahead of emerging water quality issues such as PFAS and PPCP.
- **Competitive Rates** - Eurofins provides the water industry with high quality, reliable services at competitive rates.

Thank you for the opportunity to provide you with fixed pricing for PFAS testing for the City of Ann Arbor.

Respectfully submitted,  
**Eurofins Eaton Analytical, LLC**



Shannon Keller  
Account Manager- Midwest

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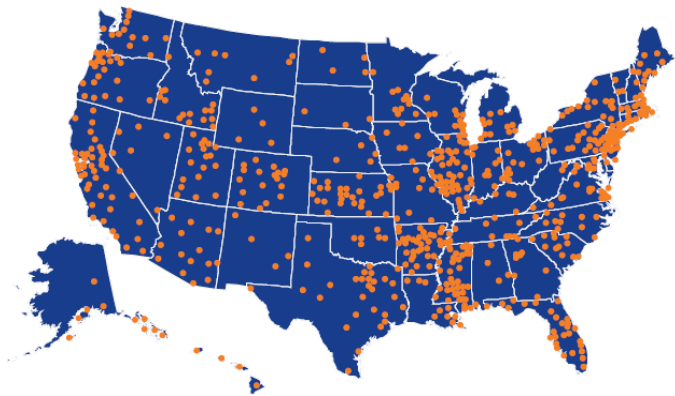
## PROFESSIONAL QUALIFICATIONS

### GENERAL INFORMATION

Company Name:	Eurofins Eaton Analytical, LLC
Years in Business:	50
Main Contact Person:	Shannon Keller, Account Manager <a href="mailto:ShannonKeller@EurofinsUS.com">ShannonKeller@EurofinsUS.com</a> P: (574) 286-9402
Authorized Representative to conduct contract negotiations:	Matthew Hartz, Director of Operations <a href="mailto:MatthewHartz@EurofinsUS.com">MatthewHartz@EurofinsUS.com</a> P: (574) 233 - 4777
Main Laboratory Facility:	110 South Hill Street, South Bend, IN 46617 P: (574) 233 – 4777
Subcontracting Laboratory:	Eurofins Lancaster Laboratories, Inc. 1770 Hempstead Road, Lancaster, PA 17601
Staff:	See Proposed Work Plan

### QUALIFICATIONS OVERVIEW

Eurofins Eaton Analytical is **the largest potable water** focused commercial **laboratory in the United States**, serving more than 1000 clients across the U.S. and in more than 100 foreign countries. We are a full service environmental testing laboratory certified in 50 states and territories under the Safe Drinking Water Act and/or the National Environmental Laboratory Accreditation Program (TNI). We routinely analyze over 200 individual water quality parameters for water and analyses according to 40CFR 141 and other acceptable test methodologies. Our firm routinely spends up to \$1 million per year on lab equipment to remain the leader in water-quality related testing. Major clients include public and private water utilities, municipalities and county governments, multi-nationals, state governments, industry associations, and the US EPA. Our strengths are regulatory knowledge, a strong quality assurance program, methods development, and a dedication to client service. Eurofins has a long history with PFAS testing that includes our two primary laboratories providing ~ 40% of US Method 537 analyses during the Third Unregulated Contaminant Monitoring Rule (UCMR 3).



Eurofins Lancaster Laboratories Environmental, LLC (ELLE), has provided analytical services in the chemical and biological sciences with excellent quality and on-time delivery. They have supported both government and commercial programs requiring PFAS testing by EPA method 537 since 2010. They strictly follow the method and all subsequent EPA directives concerning the method, including reporting both branched and linear isomers for compounds.

## FACILITIES

Eurofins Eaton Analytical's combined 100,000 square feet of full-service water testing laboratories are located in Monrovia, CA and South Bend, IN.

Eurofins Eaton Analytical has been in operation since 1969 and has a proud and successful history serving the water industry with high quality, reliable and efficient water quality services. Our staff is actively involved in regulatory program development and analytical methods. Highlights include:

- EPA contractor for the National Pesticide Survey (1987-88).
- Information Collection Rule accredited laboratory (1997-99).
- EPA contractor for UCMR1 (2001-05), UCMR2 (2008-10) and UCMR3 (2013-2015)
- EPA 314 method Co-Author for Perchlorate
- WaterRF 4167 (Methods for PPCP analysis) Co-Principal Investigator
- Federal contract laboratory for USGS, USBR and US Armed Forces
- State contract laboratory for AR, AS, AZ, DE, GU, ID, MN, MS, NJ, NV and UT
- PFAS EPA Method validator for EPA 537.1 and EPA 533

Our sister laboratory Eurofins Lancaster Laboratories Environmental, LLC (ELLE), located in Lancaster, PA, has been in business since 1961 and over the last four decades have provided analytical testing and support services to many clients while adhering to various regulatory programs. As one of the nation's largest single-site contract laboratories, they have extensive capabilities, instrumentation, and personnel resources at their 330,000-square-foot facility. Their capacity, equipment, and instrumentation inventory is unmatched by any other single laboratory facility. They have supported PFAS testing on a large assortment of matrices, including non-potable water, soils, sediments, and other solids, liquids, and AFFF, and have analyzed thousands of samples for PFAS.

## CERTIFICATION

Eurofins laboratories have been audited and accredited by EPA in support of special regulatory programs (TNI, ICR, UCMR, SWDA and LT2) in the last 20 years. We strive to educate ourselves and provide as much knowledge as we support our clients. We collaborate with EPA on analytical methods, detection limit feasibility relative to proposed regulatory thresholds, best practices and acceptable precision & accuracy. This firsthand collaboration and interaction directly with regulators helps us stay abreast of the priorities for future regulations and our testing capabilities reflect that.

**Eurofins is accredited by two primary organizations for this contract:**

The National Environmental Accreditation Conference Institute (TNI)

State of Michigan DEP Certification

EPA Approval for UCMR4

Eurofins is also a TNI-accredited laboratory and **currently holds EPA 537.1 and EPA 533 certifications.** All facilities also hold certification with the State of Michigan and EPA UCMR4 approval. Eurofins Eaton Analytical is **accredited** in 50 states and other territories to perform comprehensive water quality analyses. Our accreditation program relies on our rigorous quality system and includes more stringent and comprehensive standards than non-TNI laboratories.

Our extensive list of Federal and State accreditations reflects our commitment to quality, above and beyond the minimum requirements. These extensive accreditations and approvals also subject Eurofins to frequent on-site audits, blind proficiency testing and quality documentation through the year, in contrast to most laboratories that are audited or evaluated by the same regulatory agency every two or three years.

## PAST INVOLVMENT WITH SIMILAR PROJECTS

Eurofins has served and supported regulators and the water system community in the United States and abroad with testing and technical consulting. Our experience profile demonstrates that we are the undisputed market leader in drinking water analysis. Eurofins history as an analytical testing provider to the drinking water industry is extensive and unparalleled. In recognition of our superior brand and commitment to quality, our technical experts are routinely utilized by customers on a consultative basis. Projects of recognition of this effort are described below:

### State of Ohio Environmental Protection Agency

Division of Drinking and Ground Waters  
50 West Town Street, Suite 700, Columbus, Ohio 43216-1049  
(717) 656-2308

#### PROJECT:

Quality Assurance Project Plan (QAPP) for Public Drinking Water  
Per- and Polyfluoroalkyl Substances (PFAS) Sampling and Analysis

#### CONTACT:

Nik Dzamov, Chief, DES  
Guy Montfort, Tetra Tech  
Jim Smith, Brownfield Restoration  
Sally Gladwell, Mannik Smith Group

[Nik.Dzamov@epa.ohio.gov](mailto:Nik.Dzamov@epa.ohio.gov)  
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[JimSmith@brgrouppllc.com](mailto:JimSmith@brgrouppllc.com)  
[sgladwell@manniksmithgroup.com](mailto:sgladwell@manniksmithgroup.com)

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### City of Plainfield, Michigan

Water Treatment Plant Superintendent  
5220 Woodfield Ct. NE, Grand Rapids, MI 49524  
(616) 364-7174

#### PROJECT:

Pilot testing during installation of GAC system and new treatment methods are introduced to the PWS Drinking Water System, testing method 537.1

#### CONTACT:

Don Petrovich

[petrovichd@plainfieldmi.org](mailto:petrovichd@plainfieldmi.org)

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### City of Greensboro, North Carolina

Water Resources  
PO Box 3136, Greensboro, NC 27402-3136  
(336) 373-7527

#### PROJECT:

Sample testing methods 537 & L402 (Proprietary Method 24 Analytes)

#### CONTACT:

Marie Shandor

[marie.shandor@greensboro-nc.gov](mailto:marie.shandor@greensboro-nc.gov)

## PROPOSED WORK PLAN

Eurofins Eaton Analytical has been analyzing PFAS for over 15 years which includes the initial EPA PFAS data collection and analysis when the two labs provided ~ 40% of US Method 537 analyses during the Third Unregulated Contaminant Monitoring Rule (UCMR3). Existing national occurrence data for PFOS, PFOA and other PFAS are based on results from EPA's UCMR3 program which was a national data gathering effort of public water systems in 2013-15.

Eurofins Eaton Analytical employs over 200 professionals dedicated to water testing, the largest analytical resource for water quality analyses in the country. The City will benefit from the assignment of staff with decades of experience that will provide seamless service from bottle kit delivery to report uploading and communications during routine and special circumstances

The combined expertise of our staff exceeds 300 years, more than any other commercial testing laboratory in the US. Our staff tenure and stability is also an accomplishment rarely seen within the laboratory industry as well. We possess the analytical capabilities, highly trained technical staff, and capacity to produce high quality, on-time data for the City.

Eurofins has the advantage of access a network of laboratories (Eurofins Eaton Analytical's two facilities and Eurofins Lancaster Laboratories Environmental) that can easily analyze the number of samples expected from Ann Arbor for this contract with a **monthly capacity of 950 samples at Standard turnaround time**. Combined **we have dedicated 10+ instruments** well as the staff, laboratory space and management needed to support City's needs.

Eurofins' vast capacity, expertise, and customer service specialists encourage ease of use and one-stop-shopping for the City of Ann Arbor as seen in the staffing below:

### STAFFING OF MAIN FACILITY, SOUTH BEND, IN:

**Dr. John Cosgrove, President**, has the responsibility in ensuring the operational efficiency and accuracy of laboratory procedures, cost analysis, overhead control, marketing, and project management across all lab facilities. John has over 25 years of experience in the laboratory services industry. He earned his PhD from the University of Nottingham, England; Masters of Science from the University of Edinburgh, Scotland and Bachelors of Science from Kings College, University of London.

**Matthew Hartz, Laboratory Director of the South Bend Laboratory**, has over 28 years of environmental laboratory experience and oversees the day-to-day operational and customer service activities, ensuring that adequate resources are available to fulfill the obligations of the Drinking Water Laboratory located in South Bend, IN. He holds a BS in Biology with a minor in Chemistry from Central Michigan University.

**Dr. Yongtao (Bruce) Li, Technical Director**, has over 31 years of experience in water research, specialty testing, treatability testing, and analytical services. He is a recognized scientist and invited critical reviewer



of manuscripts for over a dozen of peer-reviewed analytical journals and has authored/coauthored over 30 peer-reviewed research articles, 50 conference publications, and 70 standard operating protocols. Dr. Li ensures that staff members receive adequate training and certifies that analysts are competent to perform designated methods. He ensures consistency and technical accuracy of Standard Operating Procedures for analytical methods. Dr. Li is also responsible for overseeing research and development activities, as well as instrument utilization and method optimization. Dr. Li earned his BS and MS in Chemistry from Northeast Normal University in Changchun, China and earned his Ph.D. degree in analytical chemistry from Southern Illinois University at Carbondale.

**Shannon Keller, Account Manager**, resides near Ann Arbor, with over 20 years of environmental hands on experience. Her professional acumen ranges in the arenas of field consulting, logistic regulatory training, process engineering, local, state and federal regulatory rules and laws in addition to proper handling of waste recycling and sampling procedures. She has Bachelor of Science from Eastern Michigan University and is a Six Sigma Green Belt.

**Nathan Trowbridge, Client Services Manager of the South Bend Laboratory**, has over 27 years of environmental laboratory experience and oversees the day-to-day activities of customer-facing staff. Mr. Trowbridge is responsible for ensuring that the service needs of our clients are met through the supervision of our project management staff in South Bend. He has direct access to all levels of laboratory management to ensure that adequate resources are available to meet the requirements of all client projects. He holds a BS in Chemistry and Biology from Valparaiso University.

**Bill Reeves, Quality Assurance Manager**, has over 20 years of environmental laboratory experience. He has been in his current role as Quality Assurance Manager for over 4 years. He is responsible for ensuring that all water testing is conducted in strict adherence to Eurofins Quality Assurance Manual, that Eurofins at all times meets the US EPA requirements for analytical testing. The QA department performs audits of the laboratory, reviews system documentation for compliance and consistency, and identifies areas for preventive and corrective action. He holds a BS of Science Applied Engineering from Michigan State University.

**Rhonda Day, Technical Manager**, has over 28 years of environmental laboratory experience, with thirteen of those years in a management role. She is responsible for the day-to-day operations of the Organics, Sample Preparation and the Shipping and Receiving departments and ensures that there are adequate resources to perform the requested analyses. She holds a BS with Honors in Chemistry from Beloit College.

#### **FACILITY IN MONROVIA, CA:**

**Kasey Riley, Client Services Manager of Monrovia Laboratory**, has over 15 years of experience as a microbiologist and Project Manager helping clients with drinking water and wastewater. Ms. Raley is uniquely positioned to be an Analytical Services Manager. As a Microbiology Supervisor and Principal Analyst for EPA Method 1623, she has hands on experience in all areas of the microbiology laboratory. As

an Analytical Services Manager her primary focus is to maintain client relations and provide exceptional client service. Ms. Riley has a Bachelor's of Science in Biological Sciences from the University of Northern Colorado.

**Eddie Rodriguez, Technical Organics Manager**, has over 30 years of environmental laboratory experience with a background in organic analysis. He is responsible for the day-to-day operations of the Organics Department and ensures that there are adequate resources to perform the requested analyses. He received a B.S. in Chemical Engineering from Saint Louis University.

#### FACILITY IN LANCASTER, PA:

**Lynn M. Frederiksen, Principal Specialist/Client Services**, communicates with technical groups about project-specific requirements and provides written instructions to internal personnel concerning these requirements. She reviews client paperwork submitted with samples and audits all specifications logged into LIMS to ensure proper analysis and handling of samples. She will track the status of samples and keep clients informed of progress and expected delivery date. She provides technical assistance and is a resource for clients with analytical inquiries. She schedules bottle shipments and sample pickups and prepares written price quotations. She has over 30 years of laboratory experience. Lynn received a B.S. in Conservation and Resource Development from the University of Maryland.

**Charles J. Neslund, Scientific Officer**, is responsible for identifying and framing trends in analytical testing and equipment. He communicates the technical needs of the environmental market and our clients to the technical director in order to initiate new methodology for research and development. He accompanies the sales team on client visits and gives presentations aimed to educate our clients. He was integral in our setup of method EPA 537 for the testing of PFAS compounds in various matrices. He has over 33 years of laboratory experience. He has a B.S. in Chemistry from the University of Pittsburgh and two years of graduate study credits in Organic Chemistry from the University of Pittsburgh

#### INSTRUMENTATION

Our instruments and equipment have been selected from reputable manufacturers based upon accuracy, reliability, ease of operation and maintenance. The instruments and equipment are maintained and calibrated in accordance with the laboratory's procedures, referenced methods, and manufacturer's requirements. These activities are documented in the data and/or logbooks specific to each instrument. When adding new instrumentation we prefer to purchase the same or next generation of the same model of LC/MS/MS systems because they have proven to be consistent, reliable and rugged. Our chemists are familiar with the system set-up and software which enables us to bring new systems on-line quickly. Having interchangeable parts among the systems aids in maintenance events and minimizes unexpected down time. Eurofins corporate encourages the sharing of operational best practices among the labs which facilitates consistency and continual improvement.

Eurofins analyzes targeted PFAS analysis by EPA Method 537.1 or by our proprietary method. Each of these methods uses Solid Phase Extraction (SPE) with liquid chromatography tandem mass spectrometry

(LC-MSMS). Eurofins maintains 10+ dedicated instruments specifically for these methods. The EPA methods have identical sampling, preservation, and holding time requirements. Our proprietary method measures 21 additional compounds for a total of 39 PFAS analytes.

### **ANALYTICAL SERVICES AND DATA QUALITY**

Our approach to meeting the technical and service requirements for the City is comprised of many components of our operation. Those components include a state-of-the-art facility, extensive instrument inventory, highly trained and dedicated staff, Quality Assurance/Quality Control Programs, including our Environmental Quality Policy Manual, Laboratory Information Management Systems (LIMS), Technical Qualifications, Accreditations, and Federal and State EPA methods (attached). We also have the financial strength and a stable and secure workforce which are very critical to any laboratory's ability to support large projects.

Our laboratory takes appropriate measures to consistently provide our clients with high quality data. Eurofins has established Quality Control procedures which ensure that data is generated within acceptable limits of precision and accuracy as required by the method. The results of quality control samples (Surrogates, Duplicates, Matrix Spikes and Laboratory Control Samples) are uploaded to the LIMS using data reduction software. The LIMS compares the QC results with the statistically derived acceptance limits and identifies results that are out of specification. If the results are not within the acceptance criteria, corrective action suitable to the situation must be taken. The corrective action includes reanalysis of the sample or emailed notification from your project manager. This notification will explain, in detail, the QC that is out of specification and the options you have for reporting the data. Our strict standards and quality systems ensure that we generate data and provide services that meet the requirements of our clients and sustain the rigors of regulatory review and legal scrutiny.

Data Quality is of upmost importance to our operations. Eurofins actively participates in proficiency test programs, using externally supplied reference standards, twice a year. Our PFAS proficiency tests from the last two years are provided for potable and non-potable water. We have staff dedicated to support PFAS testing, who can assist with interpretation and perform expert witness testimony if needed.

### **PRACTICES UTILIZED TO ELIMINATE CROSS-CONTAMINATION**

PFAS compounds are found in many commonly used materials and the potential for cross-contamination is a concern in the field and the laboratory. Eurofins has taken numerous steps to ensure that background concentrations of PFAS compounds do not cross contaminate your samples in the laboratory. We avoid the use of PTFE materials in the lab by removing Teflon™ O-rings and seals from our instruments and replacing them with PTFE-free products. PFAS samples are prepared and extracted in an area designated specially up fitted for that purpose. The glassware cleaning area is also separate from the instrument labs. Ultra-pure PFAS-free deionized (DI) water is used during PFAS extraction and analysis. We can provide this same water to clients for use in the field for decontamination, field and/or equipment blanks. A check of our lab gloves and deionized water is performed with every extraction batch in the form of a method blank.

The lids provided with sample bottles do not have Teflon™ lining. We are happy to provide guidance to field samplers about ways to avoid cross-contamination at the site and during sample shipment.

### **SAMPLE RECIEVING**

Eurofins can accept samples Monday through Friday (8:00 am to 5:00 pm) and Saturday (9:00 am to 12:00 pm). Commercial and Cargo carriers, UPS, Federal Express shipments and client deliveries received on Saturdays are completely unpacked, logged into our LIMS, properly stored, and in some cases analysis is started if rush TAT testing is scheduled in advance. Sample receipt outside of the hours listed above can be accommodated and are handled by our trained security staff. Samples are placed in sealed refrigerator storage and appropriate documentation and notifications are made so that regular shift employees attend to the samples immediately upon arrival of next work shift.

### **SAMPLE STORAGE**

Eurofins inspects all samples upon receipt. We will contact the City immediately whenever samples are received with breakage, leakage, missing container labels, incomplete paperwork or excessive temperature. Each cooler temperature is measured and recorded on the sample custody form. Tracking numbers are then assigned to each sample and scheduled for analysis. Analytical Departments are notified to retrieve any samples with short holding times or samples requiring rush turnaround times so processing can commence immediately. Remaining samples are stored at 4°C in walk-in refrigerators. Temperatures in all cold storage areas are measured twice each day to ensure required temperature is maintained.

### **BOTTLEWARE**

As stated previously, Eurofins will provide sample containers at no cost. Sample containers will be delivered to the site via Fed Ex or UPS Ground Shipping. For waters, the high-density polyethylene (HDPE) bottles are 250 ml in size, and for samples suspected of being a chlorinated source, can be preserved with Trizma crystals. Lids are free of Teflon™ lining and have been thoroughly tested to ensure that they are PFAS-free. Our sample containers are purchased pre-cleaned and certified. We have specially cleaned and tested PFAS-free deionized water that we use for all aspects of the PFAS extraction and analysis. We provide this water to clients for their field and equipment blanks.

### **PFAS FIELD COLLECTION CONSIDERATIONS**

Because PFAS can be found in a number of consumer products, several recommended practices [compiled from various state agencies] that are listed below should be followed during the collection of samples to avoid potential cross contamination:

- Sticky notes products, markers, waterproof field books, plastic clipboards should not be used (Masonite or aluminum clipboards are recommended); binders, spiral hard cover notebooks, or glue materials should not be used at any time during sample handling, or field activity.

- All samples should be collected in high density polyethylene plastic (HDPE) bottles with an unlined cap that is Teflon™ free.
- The field personnel involved with sample collection and handling should avoid wearing new clothing (i.e., at least 6 washings with PFAS-free detergent since purchase) as well as breathable waterproof and tear proof textiles and fabric softeners.
- Personnel collecting samples should not wear anti-stain and/or water resistant clothing or shoes immediately prior to or during sample collection. Rain gear made from polyurethane and wax-coated material is recommended.
- Personnel collecting and handling samples should wear nitrile gloves at all times while collecting and handling samples. Gloves should be changed frequently during sampling collection and handling.
- Sunblock/insect repellents used on site should consist of 100% natural ingredients and should be PFAS-free.
- Sample collectors should not use cosmetics, moisturizers, hand cream, or other related products.
- Many food and snack products are packaged in wrappers treated with PFAS. Therefore, hands should be thoroughly washed after handling fast food, carryout food, or snacks.
- No food or drink should be brought on site, with the exception of bottled water and hydration drinks.
- Reusable ice packs should not be used to cool samples or be used in sample coolers.
- The use of decontamination soaps containing fluoro-surfactants must be avoided. An anionic detergent is recommended.

**ATTACHMENT B  
LEGAL STATUS OF OFFEROR**

(The Respondent shall fill out the provision and strike out the remaining ones.)

The Respondent is:

- A corporation organized and doing business under the laws of the state of \_\_\_\_\_, for whom \_\_\_\_\_ bearing the office title of \_\_\_\_\_, whose signature is affixed to this proposal, is authorized to execute contracts on behalf of respondent.\*

\*If not incorporated in Michigan, please attach the corporation's Certificate of Authority

- A limited liability company doing business under the laws of the State of Delaware, whom Mathew Hartz bearing the title of Director of Operations whose signature is affixed to this proposal, is authorized to execute contract on behalf of the LLC.
- A partnership organized under the laws of the State of \_\_\_\_\_ and filed with the County of \_\_\_\_\_, whose members are (attach list including street and mailing address for each.)
- An individual, whose signature with address, is affixed to this RFP.

Respondent has examined the basic requirements of this RFP and its scope of services, including all Addendum (if applicable) and hereby agrees to offer the services as specified in the RFP.



Date: 7/14/2020

Signature \_\_\_\_\_

(Print) Name Matthew Hartz Title Director of Operations

Firm: Eurofins Eaton Analytical, LLC

Address: 110 South Hill Street, South Bend, IN 46617

Contact Phone 574-233-4777

Fax 574-233-8207

Email MatthewHartz@EurofinsUS.com

**ATTACHMENT C  
CITY OF ANN ARBOR DECLARATION OF COMPLIANCE**

**Non-Discrimination Ordinance**

The "non discrimination by city contractors" provision of the City of Ann Arbor Non-Discrimination Ordinance (Ann Arbor City Code Chapter 112, Section 9:158) requires all contractors proposing to do business with the City to treat employees in a manner which provides equal employment opportunity and does not discriminate against any of their employees, any City employee working with them, or any applicant for employment on the basis of actual or perceived age, arrest record, color, disability, educational association, familial status, family responsibilities, gender expression, gender identity, genetic information, height, HIV status, marital status, national origin, political beliefs, race, religion, sex, sexual orientation, source of income, veteran status, victim of domestic violence or stalking, or weight. It also requires that the contractors include a similar provision in all subcontracts that they execute for City work or programs.

In addition the City Non-Discrimination Ordinance requires that all contractors proposing to do business with the City of Ann Arbor must satisfy the contract compliance administrative policy adopted by the City Administrator. A copy of that policy may be obtained from the Purchasing Manager

The Contractor agrees:

- (a) To comply with the terms of the City of Ann Arbor's Non-Discrimination Ordinance and contract compliance administrative policy.
- (b) To post the City of Ann Arbor's Non-Discrimination Ordinance Notice in every work place or other location in which employees or other persons are contracted to provide services under a contract with the City.
- (c) To provide documentation within the specified time frame in connection with any workforce verification, compliance review or complaint investigation.
- (d) To permit access to employees and work sites to City representatives for the purposes of monitoring compliance, or investigating complaints of non-compliance.

The undersigned states that he/she has the requisite authority to act on behalf of his/her employer in these matters and has offered to provide the services in accordance with the terms of the Ann Arbor Non-Discrimination Ordinance. The undersigned certifies that he/she has read and is familiar with the terms of the Non-Discrimination Ordinance, obligates the Contractor to those terms and acknowledges that if his/her employer is found to be in violation of Ordinance it may be subject to civil penalties and termination of the awarded contract.

Eurofins Eaton Analytical, LLC  
Company Name

  
Signature of Authorized Representative

7/14/2020  
Date

Matthew Hartz, Director of Operations  
Print Name and Title

110 South Hill Street, South Bend, IN 46617  
Address, City, State, Zip

MatthewHartz@EurofinsUS.com  
Phone/Email address

**Questions about the Notice or the City Administrative Policy, Please contact:**

Procurement Office of the City of Ann Arbor  
(734) 794-6500

Revised 3/31/15 Rev. 0

NDO-2

**ATTACHMENT D  
CITY OF ANN ARBOR  
LIVING WAGE ORDINANCE DECLARATION OF COMPLIANCE**

The Ann Arbor Living Wage Ordinance (Section 1:811-1:821 of Chapter 23 of Title I of the Code) requires that an employer who is (a) a contractor providing services to or for the City for a value greater than \$10,000 for any twelve-month contract term, or (b) a recipient of federal, state, or local grant funding administered by the City for a value greater than \$10,000, or (c) a recipient of financial assistance awarded by the City for a value greater than \$10,000, shall pay its employees a prescribed minimum level of compensation (i.e., Living Wage) for the time those employees perform work on the contract or in connection with the grant or financial assistance. The Living Wage must be paid to these employees for the length of the contract/program.

*Companies employing fewer than 5 persons and non-profits employing fewer than 10 persons are exempt from compliance with the Living Wage Ordinance. If this exemption applies to your company/non-profit agency please check here  No. of employees \_\_\_\_\_*

The Contractor or Grantee agrees:

- (a) To pay each of its employees whose wage level is not required to comply with federal, state or local prevailing wage law, for work covered or funded by a contract with or grant from the City, no less than the Living Wage. The current Living Wage is defined as \$13.91/hour for those employers that provide employee health care (as defined in the Ordinance at Section 1:815 Sec. 1 (a)), or no less than \$15.51/hour for those employers that do not provide health care. The Contractor or Grantor understands that the Living Wage is adjusted and established annually on April 30 in accordance with the Ordinance and covered employers shall be required to pay the adjusted amount thereafter to be in compliance with Section 1:815(3).

**Check the applicable box below which applies to your workforce**

Employees who are assigned to any covered City contract/grant will be paid at or above the applicable living wage without health benefits

Employees who are assigned to any covered City contract/grant will be paid at or above the applicable living wage with health benefits

- (b) To post a notice approved by the City regarding the applicability of the Living Wage Ordinance in every work place or other location in which employees or other persons contracting for employment are working.
- (c) To provide to the City payroll records or other documentation within ten (10) business days from the receipt of a request by the City.
- (d) To permit access to work sites to City representatives for the purposes of monitoring compliance, and investigating complaints or non-compliance.
- (e) To take no action that would reduce the compensation, wages, fringe benefits, or leave available to any employee covered by the Living Wage Ordinance or any person contracted for employment and covered by the Living Wage Ordinance in order to pay the living wage required by the Living Wage Ordinance.

The undersigned states that he/she has the requisite authority to act on behalf of his/her employer in these matters and has offered to provide the services or agrees to accept financial assistance in accordance with the terms of the Living Wage Ordinance. The undersigned certifies that he/she has read and is familiar with the terms of the Living Wage Ordinance, obligates the Employer/Grantee to those terms and acknowledges that if his/her employer is found to be in violation of Ordinance it may be subject to civil penalties and termination of the awarded contract or grant of financial assistance.

Eurofins Eaton Analytical, LLC  
Company Name

  
Signature of Authorized Representative

7/14/2020  
Date

110 South Hill Street  
Street Address

South Bend, IN 46617  
City, State, Zip

Matthew Hartz, Director of Operations  
Print Name and Title

574-233-4777  
Phone/Email address





**ATTACHMENT E**

<b>VENDOR CONFLICT OF INTEREST DISCLOSURE FORM</b>
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All vendors interested in conducting business with the City of Ann Arbor must complete and return the Vendor Conflict of Interest Disclosure Form in order to be eligible to be awarded a contract. Please note that all vendors are subject to comply with the City of Ann Arbor’s conflict of interest policies as stated within the certification section below.

If a vendor has a relationship with a City of Ann Arbor official or employee, an immediate family member of a City of Ann Arbor official or employee, the vendor shall disclose the information required below.

1. No City official or employee or City employee’s immediate family member has an ownership interest in vendor’s company or is deriving personal financial gain from this contract.
2. No retired or separated City official or employee who has been retired or separated from the City for less than one (1) year has an ownership interest in vendor’s Company.
3. No City employee is contemporaneously employed or prospectively to be employed with the vendor.
4. Vendor hereby declares it has not and will not provide gifts or hospitality of any dollar value or any other gratuities to any City employee or elected official to obtain or maintain a contract.
5. Please note any exceptions below:

<b>Conflict of Interest Disclosure*</b>	
Name of City of Ann Arbor employees, elected officials or immediate family members with whom there may be a potential conflict of interest.	<input type="checkbox"/> Relationship to employee <hr/> <input type="checkbox"/> Interest in vendor’s company <input type="checkbox"/> Other (please describe in box below)

\*Disclosing a potential conflict of interest does not disqualify vendors. In the event vendors do not disclose potential conflicts of interest and they are detected by the City, vendor will be exempt from doing business with the City.

<b>I certify that this Conflict of Interest Disclosure has been examined by me and that its contents are true and correct to my knowledge and belief and I have the authority to so certify on behalf of the Vendor by my signature below:</b>		
Eurofins Eaton Analytical, LLC	574-233-4777	
<b>Vendor Name</b>	<b>Vendor Phone Number</b>	
	7/14/2020	Matthew Hartz, Director of Operations
<b>Signature of Vendor Authorized Representative</b>	<b>Date</b>	<b>Printed Name of Vendor Authorized Representative</b>

Questions about this form? Contact Procurement Office City of Ann Arbor Phone: 734/794-6500, [procurement@a2gov.org](mailto:procurement@a2gov.org)

# ADDENDUM No. 1

RFP No. 20-25

Received 5 page Addendum  
7/14/2020 SC

## Certified Laboratory for PFAS Testing

**Due Date: July 16, 2020 by 2:00 p.m. (local time)**

The following changes, additions, and/or deletions shall be made to the Request for Proposal for Certified Laboratory for PFAS Testing RFP No. 20-25, on which proposals will be received on/or before the date and time listed above.

The information contained herein shall take precedence over the original documents and all previous addenda (if any), and is appended thereto. **This Addendum includes five (5) pages.**

**The Proposer is to acknowledge receipt of this Addendum No. 1, including all attachments in its Proposal by so indicating in the proposal that the addendum has been received. Proposals submitted without acknowledgement of receipt of this addendum may be considered non-conforming.**

**The following forms provided within the RFP Document must be included in submitted proposal:**

- **Attachment C - Non-Discrimination Declaration of Compliance**
- **Attachment D - Living Wage Declaration of Compliance**
- **Attachment E - Vendor Conflict of Interest Disclosure Form**

**Proposals that fail to provide these completed forms listed above upon proposal opening will be rejected as non-responsive and will not be considered for award.**

### I. QUESTIONS AND ANSWERS

The following Questions have been received by the City. Responses are being provided in accordance with the terms of the RFP. Respondents are directed to take note in its review of the documents of the following questions and City responses as they affect work or details in other areas not specifically referenced here.

Question 1: The bid states that the lab needs to be certified by Michigan DEQ to perform drinking water analysis for compliance purposes but also acknowledges that DEQ does not certify for 537.1 at this time. Can you clarify that as long as we have a primary state certification from our home state that is ok?

Answer 1: There are no requirements for certification specific to PFAS stated other than, "The Contractor shall also intend to seek Michigan certification for EPA Method 537.1 for drinking water or any other method offered by the State of Michigan once the certification is available. Gaining and maintaining certification with the State of Michigan is essential to the services required from the Contractor." Primary state certification from the Contractor's home state will be considered.

Question 2: Can you clarify what might be required for "The Contractor, when feasible, will make its facilities available to assist the City with analysis of non-routine samples that may be required."?

Answer 2: The City has a routine sample schedule. As required, the City may have non-routine samples that would require analysis.

# Appendix A: Resumes



**EDUCATION**

PhD of Reproductive Endocrinology/Physiology, University of Nottingham, England, UK 1991  
Master of Science in Animal Breeding, University of Edinburgh, Scotland, UK 1986  
Bachelor of Science in Physiology, University of London, England, UK 1985

**KEY EXPERIENCE**

Dr. Cosgrove is an experienced senior executive (since 1995) in innovative science companies with both strategic and P&L responsibility. He has had turnaround successes in three businesses, including change management, strategic development and ultimate disposition (one recapitalization by share subscription; one merger; one sale) with significant shareholder return. He is a consummate leader and team player through focus on P&L performance, multi-stakeholder return and business sustainability, based on well-articulated vision from board to bench. Dr. Cosgrove is passionate, energetic and engaging.

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**EMPLOYMENT RECORD****Eurofins Eaton Analytical, LLC, Monrovia, CA****President (Feb 2019 - Present)**

- Strategic & Senior Scientific Technical role for North America's leading drinking water analytical laboratory, serving the drinking and bottled water supply industries including physical, chemical and microbiological testing, research, consulting and engineering industries. Overall responsibility for both Monrovia CA and South Bend IN locations.
- Responsibility for ensuring ongoing client satisfaction, analytical innovation, operational efficiency, accuracy of laboratory procedures, cost analysis, overhead control, marketing and project management across all lab facilities.

**SGS AXYS Analytical Services Ltd., Sidney, BC, Canada****President, Senior Technical Director & Board member (Oct 2016 — Feb 2019)**

- Strategic & P&L responsibility for two specialist analytical chemistry labs (Canada & US) serving the environmental testing, research, consulting and engineering industries. Particular focus on method development for contaminants of emerging concern. Led Canadian lab through successful integration post-acquisition and US lab (2017 onwards) from stasis to highest profitability (>50% profitability on 300% revenue growth from prior losses) in its 10-year history with SGS.

**AXYS Analytical Services Ltd., Sidney, BC, Canada****President, Senior Technical Director & Board member (Jul 2003 — Sep 2016)**

- Full strategic and business responsibility for a world renowned environmental analytical laboratory focused on persistent organic pollutants and contaminants of emerging concern. As President and board member, led company to enhanced brand value, profitability (>15% EBITD on 250% revenue growth from prior multi-year losses), product and service diversification and ultimate sale to SGS S.A. in 2016 with significantly

increased shareholder return. Former board member of AXYS Varilab (Prague, Czech Republic).

- More than \$1MM NSERC, IRDF, NCP and Genome Canada grants (principal or participating applicant) awarded since 2012. Two NSERC IRDF postdoctoral fellows supervised J.P. Benskin & S.S. Huang; More than 20 peer-reviewed publications in the field.

**GENEX Swine Group Inc. (now Hypor Inc.), Regina, SK, Canada**

**President and Board Member (Dec 2001 — May 2003)**

**Chief Operating Officer & Vice President R&D (Apr 2000 — Nov 2001)**

**Vice President R&D (Dec 1997 — Mar 2000)**

- Established independent R&D capability at Canada's then leading swine genetics company. Invited to COO and then President roles when 3 of 5 senior managers joined competition. Led company to significant profitability via organic growth and strategic acquisitions to expand product lines, geographic sales (incl. China) and ultimate merger with Hypor (May 2003), a Nutreco subsidiary, achieving significant shareholder return. Former board member of Genex Quebec.

**Alberta Swine Genetics Corporation (ASGC), Nisku, AB, Canada**

**Managing Director and Board member (Feb 1995 — Dec 1997)**

**Manager of Field Services (Oct 1994 — Feb 1995)**

- Joined as Field Services Manager and rapidly asked (4 months) to assume the Managing Director role to achieve "turnaround" (moderate profitability from critical and unsustainable losses). As MD and board member, led business to profitability through re-capitalization via additional shareholder subscription coincident with negotiated government exit from shareholding (exited "golden share"). Board member and shareholder post-departure.

**University of Alberta, Edmonton, AB, Canada**

**Adjunct Professor, Agriculture Food & Nutritional Science (1999 — 2003)**

**Research Associate - Postdoctoral fellow (1992 — 1994)**

- Areas of research, teaching & training: Mammalian reproductive physiology & endocrinology (female & male); Graduate and undergraduate general mammalian physiology teaching; experimental design and statistics, radioimmunoassay techniques/quality control and lab management; aseptic surgery; animal care protocols and animal resource management. Co-supervised 5 PhD and 4 MSc graduates; >20 peer-reviewed publications in the field; 5 book chapters).

**Current Learned Society Memberships:**

American Chemical Society  
Society of Toxicology  
Society of Environmental Toxicology & Chemistry  
International Metabolomics Society

**Education** BS Biology, Chemistry Minor – Central Michigan University 1988  
Business Management Programs – Indiana University South Bend 1994  
Lean Leadership – Underwriters Laboratory 2012

**Professional Awards, Memberships**

- American Society for Quality – 2004
- Institute for National Laboratory Accreditation

### KEY EXPERIENCE

Dedicated scientist manager combining excellent academic credentials along with over 29 years of management and laboratory experience with one of the nation's top environmental laboratories carrying out testing according to EPA established protocols and industry regulatory standards. Proficiencies include High-Performance Liquid Chromatography (HPLC), Gas Chromatography (GC), Gas Chromatography Mass Spectrometry (GC-MS), Solid Phase Extraction (SPE), Microbiology and Wet Chemistry techniques. Experienced in LEAN practices and CPR/AED/First Aid certified.

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### Employment Record

EUROFINS EATON ANALYTICAL – South Bend, IN

**Director of Operations**, 04/2014 to Present

- Directs and manages laboratory activities in a state of the art facility with annualized revenue of \$17-18mm.
- Responsible for over 80 employees.
- Responsible for financial performance and development of budget.

UL LLC – South Bend, IN

**Laboratory Operations Manager**, 2013 to 04/2014

- Oversees and coordinates laboratory operations and commercial activities in a state of the art facility with annualized revenue of \$7-11mm.
- Responsible for over 70 employees.
- Responsible for financial performance and development of budget.

UL LLC – South Bend, IN

**Section Manager**, 2001 to 2013

- Responsible for oversight of organic testing activities according to the Safe Drinking Water Act (SDWA), adhering to established EPA methodologies.
- Performed review and validation of organic and microbiological data for EPA compliance or client specific requirements.
- Responsible for calibration and maintenance of analytical and support equipment.
- Provided input to staff and trained staff on procedural improvements leading to reduction in cost for testing.
- Participated in location specific internal audit program.

ENVIRONMENTAL HEALTH LABORATORIES – South Bend, IN  
**GC/LC Team Leader**, 1994 to 2001

- Responsible for organic testing activities according to established EPA methodologies.
- Coached analyst performing HPLC and GC analyses.
- Analyzed/Prepared thousands of samples for Organic testing using GC, HPLC and GC/MS.
- Responsible for calibration and maintenance of analytical and support equipment.
- Assisted or developed testing protocol to meet special customer requests.

ENVIRONMENTAL HEALTH LABORATORIES – South Bend, IN  
**Various Scientist Positions**, 1991 to 1994

- Performed daily operation, calibration and maintenance of various types of laboratory equipment and analytical instrumentation.
- Analyzed and/or prepared thousands of samples for Organic, Inorganic and Microbiological testing according to the Safe Drinking Water Act (SDWA), adhering to established EPA methodologies.
- Performed solid phase extraction on thousands of samples.
- Responsible for calibration and maintenance of analytical and support equipment.
- Assisted or developed testing protocol to meet special customer requests.

**Publications and Presentations**

**Hartz, M.W.**, George III, J.E., Hansen, E.M., Thoma, J.J., “Ultra-Low Detection of PCBs, Chloradane, and Toxaphene in Water by Large Volume Injection GC/ECD” WQTC. Tampa, FL. October 31-November 4, 1999.

**Hartz, M.W.**, Laskowski, T.M., George III, J.E., Ward, G.K., Thoma, J.J., “Comparison of preservative in Proposed Standard Method 6252 Ozonation By-Products: Aldehydes” Poster #344. PittCon Book of Abstracts. Chicago, IL. March 3-8, 1996.

**Yongtao (Bruce) Li, Ph.D.**

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<b>Education</b>	BS and MS Chemistry Northeast Normal University – Changchun, China 1983 and 1988 Ph.D. Analytical Chemistry - Southern Illinois University at Carbondale 1998 Supervisory Development Program Certificate in Executive Education - University of Notre Dame 2003
<b>Professional Awards, Memberships</b>	UL William Henry Merrill Society – Life-time member & corporate fellow, 2013 Outstanding Dissertation Research Award, Southern Illinois University at Carbondale, IL, 1996 American Water Work Association (AWWA) – Member since 2005 Standard Methods Committee and Joint Task Groups, AWWA – Member since 2008 Organic Research Committee, AWWA – Member since 2015 American Chemical Society (ACS) – Member since 1996 American Society for Mass Spectrometry (ASMS) – Member, 1999-2002 National Ground Water Association (NGWA) – Member, 2001-2002 Over a dozen peer-reviewed journals – Invited critical manuscript reviewer since 2000

**KEY EXPERIENCE**

Dedicated/Committed technical leader combining excellent academic credentials along with over 32 years of experience with one of the nation's top environmental laboratories performing testing according to EPA established protocols and industry regulatory standards. Recognized expert in environmental and analytical chemistry. Directed and accomplished 100+ research and specialty testing projects. Published 28+ peer-reviewed research articles/book chapters and 60+ conference presentations. Developed 80+ standard operating procedures. Invited critical manuscript reviewer for more than a dozen peer-reviewed journals (e.g. Analytical Chemistry, Environmental Science & Technology, Water Research, Journal of Chromatography A, etc.).

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**Employment Record****EUROFINS EATON ANALYTICAL, LLC– South Bend, IN****Technical Director, 4/2014 to Present**

- Oversee all technical aspects of the lab operations.
- Manage R&D, LC/MS, and radiochemistry since 2012.
- Review and approve technical standard operating procedures (SOPs), database entry modification, method development and expansion, certification applications, and requests for proprietary information. Ensure compliance with state and federal regulations;
- Lead/participate lab budget planning, operational management, and performance evaluation. Facilitate good working relationships and teamwork to meet annual goals;
- Review the technical competency. Plan capital investment and new technology acquisition. Direct installation, validation, and maintenance. Ensure training for lab personnel in new technology and laboratory procedures;
- Plan and direct R&D activities and special research projects. Represent EEA at conferences, symposia, and trade shows;
- Lead/participate troubleshooting, proficiency evaluation/test (PE/PT), corrective action requests (CARs), and continuous quality and performance improvement; and



- Lead/participate business development activities. Explore innovative approaches to increase revenue and profit. Assist the Sales, Marketing, and Client Services in building and maintaining positive customer relationships and sales growth; Review RFBs or RFPs as necessary; and
- Review and ensure compliance with administrative procedures and ethical policies.

UL LLC – South Bend, IN

**Technical Director**, 2005 to 05/2014

- Oversaw all technical aspects of the lab operations.
- Managed R&D and LC/MS, metal/inorganic chemistry, radiochemistry, and medical device testing lab operations
- Reviewed and approved technical standard operating procedures (SOPs), database entry modification, method development and expansion, certification applications, and requests for proprietary information. Ensured compliance with state and federal regulations
- Led/participated in lab budget planning, operational management, and performance evaluation. Facilitated good working relationships and teamwork to meet annual goals
- Reviewed the technical competency. Planned capital investment and new technology acquisition. Direct installation, validation, and maintenance. Ensured training for lab personnel in new technology and laboratory procedures;
- Planned and direct R&D activities and special research projects. Represented UL at conferences, symposia, and trade shows;
- Led/participated in troubleshooting, proficiency evaluation/test (PE/PT), corrective action requests (CARs), and continuous quality and performance improvement
- Led/participated in business development activities. Explored innovative approaches to increase revenue and profit. Assisted the Sales, Marketing, and Client Services in building and maintaining positive customer relationships and sales growth. Reviewed RFBs or RFPs as necessary
- Reviewed and ensured compliance with administrative procedures and ethical policies.

UL LLC / ENVIRONMENTAL HEALTH LABORATORIES (1998-2000) – South Bend, IN

**Senior Research Scientist**, 1998 to 2005

- Designed, developed, and validated new analytical methods using various technologies;
- Acquired, installed, and validated new analytical techniques;
- Performed technical troubleshooting, training, and continuous method improvement;
- Conducted technical marketing and represented at conferences, symposia, and trade show; and
- Provided technical support to business development, sales & marketing, and client services.

SOUTHERN ILLINOIS UNIVERSITY AT CARBONDALE – Carbondale, IL

**GC/MS and MS Facility Operator/Research Assistant**, 1993 – 1998

- Designed and conducted analytical services, maintained the GC/MS and MS facility, and trained others in the use of instrumentation;
- Developed a droplet electrospray technique for LC/particle beam/MS;
- Investigated particle characteristics and carrier effects associated with the quantitative aspects of LC/particle beam/MS;
- Studied a variety of high efficiency sample introduction techniques using electrospray, thermospray, and pneumatic nebulization, and ultrasonic coagulation; and
- Analysed environmental samples (PCBs, PCB derivatives, PAHs, etc.), coal mine air, and physiological fluids (synthetic organic compounds and metabolites).

NORTHEAST NORMAL UNIVERSITY – Changchun, China

**Lecturer**, 1988 – 1992

- Taught instrumental analysis and quantitative chemistry. Conducted trace analysis research;

- Developed liquid membrane extraction techniques coupled with spectroscopic detection for analysing trace elements in aqueous samples;
- Developed a multi-wavelength linear combination UV/Vis method for rare earth analyses; and analysed metals, pesticides, herbicides, amino acids, peptides, drugs, and metabolites in a variety of sample matrices including water, soil, tissues, plasma, urine extracts, etc.

### **Selected Relevant Research Experience**

*Risk Benefit Assessment of Chlorite as a Co-Disinfectant for Nitrification Control in Chloraminated Drinking Water Systems, WRF 4998, Water Research Foundation, 2019-2020, as a co-PI.*

*PI: Dr. Eric Zhu, Louisville Water Company*

*Disinfection By-Product 43 Analyte Study in Drinking Water Concentrates, RFQ-DC-13-00117, U.S. Environmental Protection Agency, 2013-2017.*

*Water Sample Testing: Evaluation of Manganese Removal, W912GY-13-T-0026, Sierra Army Depot (SIAD), 2014.*

*Persistence and Bioaccumulation of Contaminants of Emerging Concern in the Biota of Nantucket Sound, Massachusetts Environmental Trust and Center for Coastal Studies (CCS), 2014-2015.*

*PI: Dr. Amy Costa, Center for Coastal Studies*

*Evaluating GAC Filters for Control of DBP Precursors and Trace Organic Contaminants – 4101, AWWA Research Foundation. 2007-2012.*

*PI: Dr. Lance Schideman, CDM Smith Inc.*

*Evaluation of Analytical Methods for EDCs and PPCPs via Inter-Laboratory Comparison – 4167, AWWA Research Foundation, 2010-2012.*

*PI: Brett Vanderford, Southern Nevada Water Authority*

*Emerging Contaminants in Cape Cod Drinking Water, Massachusetts Environmental Trust and U.S. Centers for Disease Control and Prevention, 2009, 2011, and 2014.*

*PI: Dr. Laurel Schaidler, Silent Spring Institute*

*Development of a High Performance Liquid Chromatography-Mass Spectrometry (HPLC-MS) Method for Determination of Select Contaminants, U.S. EPA/Computer Sciences Corporation (CSC), 2007-2008.*

*Participant Laboratory Multi-Laboratory Study for Development and Validation for USEPA Drinking Water Method 300.1, U.S. EPA/Computer Sciences Corporation (CSC), 2007.*

### **Selected Recent Publications**

*Yongtao Li, Joshua S. Whitaker, and Christina L. McCarty, Analysis of Iodinated Haloacetic Acids in Drinking Water by Reversed-Phase Liquid Chromatography/Electrospray Ionization/Tandem Mass Spectrometry with Large Volume Direct Aqueous Injection, J. Chromatogr. A 2012, 1245, 75-82.*

*Yongtao Li, Joshua S. Whitaker, and Christina L. McCarty, Reversed-Phase Liquid Chromatography/Electrospray Ionization/Mass Spectrometry with Isotope Dilution for the Analysis of Nitrate and Nitrite in Water, J. Chromatogr. A 2011, 1218, 476-483.*

*Yongtao Li, Joshua S. Whitaker, and Christina L. McCarty, New Advances in Large-Volume Injection Gas Chromatography-Mass Spectrometry (Review Article), J. Liq. Chromatogr. Rel. Technol. 2009, 32, 1644-1671.*

William E. Davis II and Yongtao Li, *Analysis of Hydrazine in Drinking Water by Isotope Dilution Gas Chromatography/Tandem Mass Spectrometry with Derivatization and Liquid-Liquid Extraction*, *Anal. Chem.* 2008, 80 (14), 5449-5453.

Yongtao Li, Ed J. George, and Christina L. McCarty, *Online In Situ Analysis of Selected Semi-volatile Organic Compounds in Water by Automated Microscale Solid-Phase Extraction with Large-Volume Injection/Gas Chromatography/Mass Spectrometry*, *J. Chromatogr. A*, 2007, 1176, 223-230.

Yongtao Li, Ed J. George, Christina L. McCarty, Steven C. Wendelken, *Compliance Analysis of Phenylurea and Related Compounds in Drinking Water by Liquid Chromatography/Electrospray Ionization/Mass Spectrometry Coupled with Solid-Phase Extraction*, *J. Chromatogr. A*, 2006, 1134, 170-176.

Yongtao Li and Ed J. George, *Reversed-Phase Liquid Chromatography/Electrospray Ionization/Tandem Mass Spectrometry for Analysis of Perchlorate in Water*, *J. Chromatogr. A*, 2006, 1133, 215-220.

Yongtao Li and Ed J. George, *Analysis of Perchlorate in Water by Reversed-Phase LC/MS/MS Using an Internal Standard Technique*, *Anal. Chem.* 2005, 77, 4453-4458.

Li, Yongtao and Koropchak, John A. *Droplet Electrospray Nebulization for Particle Beam LC-MS*, *Instrument. Sci. Technol.* 2000, 28 (2), 141-162.

Y. Xie, H. Zhou, R.S. Bhangu, and B.Y. Li, *Chemical Species (Review Article)*. *Water Environment Research*, 1999, 71 (5), 519-530.

Li, Yongtao and Koropchak, John A. *Investigation of Particle Characteristics and Carrier Effects on Particle Beam LC-MS*, *Instrument. Sci. Technol.* 1998, 26 (4), 389-407.

Bill Davis and Yongtao Li, *Validation of EPA Method 524.3 for Low Level Analysis of TCP, EDB, and DBCP*, *Proceedings of NEMC, Jacksonville, FL, Aug. 5-9, 2019*

Joshua S. Whitaker and Yongtao Li, *Comparison of Cell Lysis Methods for Analysis of Total Cyanotoxins in Water*, *Proceedings of WQTC, Toronto, Canada, Nov. 11-15, 2018*.

Joshua S. Whitaker and Yongtao Li, *PFAS Analysis Fundamentals – Collection, Storage, and Extraction of Water Samples*, *Proceedings of WQTC, Toronto, Canada, Nov. 11-15, 2018*.

Joshua S. Whitaker, Ali Haghani, and Yongtao Li, *Identification of New Per- and Polyfluoroalkyl Substances in Water*, *Proceedings of WQTC, Toronto, Canada, Nov. 11-15, 2018*.

Yongtao Li and Joshua S. Whitaker, *Legacy and Emerging PFCs in Drinking Water: Beyond UCMR3*, *Proceedings of AWWA ACE, Las Vegas, NE, June 11-14, 2018*.

Yongtao Li and Joshua S. Whitaker, *A Rapid and Cost-Effective LC/MS/MS Method for Simultaneous Analyses of Multiple Cyanotoxins*, *Proceedings of WQTC, Portland, OR, Nov. 12-16, 2017*.

Yongtao Li and Joshua S. Whitaker, *Perfluorinated Chemicals in Drinking Water: Beyond UCMR 3*, *Proceedings of WQTC, Portland, OR, Nov. 12-16, 2017*.

Yongtao Li and Joshua S. Whitaker, *Cost-Effective and Accurate Analysis of Cyanotoxins by UPLC/MS/MS and ELISA*, *Proceedings of WQTC, Nov. 13-15, 2016, Indianapolis, IN, Nov. 13-15, 2016*.

*Yongtao Li and Joshua S. Whitaker, Rapid and Accurate UPLC/MS/MS Analysis of Microcystins and Nodularin Using Isotopically Labeled Microcystin Analogs, Proceedings of WQTC, Nov. 15-19, 2015, Salt Lake City, UT, USA*

*Yongtao B. Li, A Case Study Profiling DBP Formation Control Indicators, Proceedings of WATERCON, March 23-26, 2015, Springfield, IL, USA*

*Yongtao Li, Joshua S. Whitaker, and Shep Lovick, Formation Control and Analysis of Oxyhalide Ions in Hypochlorite Solutions, Proceedings of WQTC, Nov. 16-20, 2014, New Orleans, LA, USA*

*Yongtao Li, Challenges and Solutions in UCMR3 Analyses, Proceedings of WQTC, Nov. 3-7, Long Beach, CA, USA*

*Jane Timm, James Lovick Jr, Raymond Siery, and Yongtao Li, Measurement and Control of Hexavalent Chromium in Drinking Water, Proceedings of WATERCON, March 19-22, 2012, Springfield, IL, USA*

*Yongtao B. Li, Analytical Methods for Carcinogenic VOCs in Drinking Water, Analytical Methods Workshop for Carcinogenic VOCs, Sept. 20, 2011, Cincinnati, OH, USA*

*Yongtao B. Li, and Joshua S. Whitaker, Christina L. McCarty, Determination of Iodinated Acetic Acids in Drinking Water, Proceedings of WQTC, Nov. 13-17, 2011, Phoenix, AZ, USA*

*Jane Timm, James Lovick Jr, Raymond Siery, and Yongtao Li, Optimizing Sample Preservation for Hexavalent Chromium Analyses in Waters, Proceedings of NEMC, Aug. 15-19, 2011, Bellevue, WA, USA*

*Joshua S. Whitaker, Christina L. McCarty, and Yongtao B. Li, Modified EPA Method 1694 for PPCPs in Waters, Proceedings of WQTC, Nov. 15-17, 2009, Seattle, WA, USA.*

*Yongtao B. Li, and Joshua S. Whitaker, Christina L. McCarty, Direct Analysis of Haloacetic Acids in Drinking Water by Reversed-Phase LC/ESI/MS, Proceedings of WQTC, Nov. 15-17, 2009, Seattle, WA, USA*

*Yongtao B. Li, Joshua S. Whitaker, and Christina L. McCarty, Direct Analysis of Nitrate and Nitrite in Waters by Reversed-Phase LC/ESI/MS, Proceedings of NEMC, August 10-15, 2009, San Antonio, TX, USA*

*Yongtao B. Li and William E. Davis, Improved Standard Method 6040D for Geosmin and MIB, Proceedings of WQTC, Proceedings of ISAWWA and IWEA, March 16-19, 2009, Springfield, IL, USA*

**EDUCATION**

Bachelor of Science in Communication/Psychology; Eastern Michigan University, 2008

**KEY EXPERIENCE**

Ms. Keller is an accomplished and collaborative technical sales manager. She has experience in the environmental services industry within the chemical and industrial manufacturing segment. She has evolved through unique customer engagements and environments allowing her to develop competencies in technical sales, marketing, and strategic brand communications.

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**EMPLOYMENT RECORD****Eurofins Eaton Analytical, LLC, Mid-West Territory  
Account Manager (2018-Present)**

- Increase brand awareness, while managing sales and service for a nine state territory within a vast customer base of Drinking Water Utilities, industrial and consultant companies throughout the Mid-West US.

**MPS Group, Inc., North America****Corporate Business Development Manager (Aug 2016 – Jun 2017)**

- Executed strategic planning including market analysis, customer opportunity assessments, value proposition delivery, proposal composition and delivery to meet all bid specifications, team management for pricing strategy, environmental, health and safety compliance and award implementation support.
- Tenacious ability to identify and persuade influencers and decision makers within target customer organization.

**Clean Harbors Inc.****Regional Chemical Vertical Account Manager (Jul 2014 – Jan 2016)**

- Accelerated revenue growth during a period of integration and territory realignment.
- Developed account transition strategy.
- Actively engaged as both lead and as a partner in the sales process during contract and service agreement negotiation and execution both at the local and corporate levels.
- Coordinated and enhanced brand recognition providing consultative expertise during client meetings, marketing events, customer appreciation events, presentation delivery, audit tours and facility site walks.

**Clean Harbors Inc.****Account Manager (Dec 2009 – Jul 2014)**

- Achieved yearly budget and strategic revenue acceleration - Increased territory revenue from \$3.0 MM (2009) to \$9.6 MM (2014).
- Employed consultative selling strategies for revenue growth of Clean Harbors' comprehensive service offerings: solvent recycling, reuse and tolling, industrial process improvements, high hazardous cleaning services, logistic coordination and waste treatment, and emergency response services.
- Ownership for the collaboration and design of customer-focused solutions engaging internal partners such as corporate account sales, business unit operations as well as vendor partners.
- Developed key performance indicators and identified best management practices.
- Managed all aspects of customer relations focusing on revenue growth, retention and customer based solutions while maintaining corporate profitability thresholds.
- Provided technical and compliance support for all aspects of logistics and treatment of services under federal, state, local and international regulations including but not limited to profiling, analytical review, sample preparation and shipping documents.

**Veolia Environmental Services, South East Michigan****Account Executive (Apr 2006 – Dec 2009)**

- Established strategic business relationships and offered consultative approach to deliver revenue capture for municipal solid waste, recycling, and environmental services.
- Responsible for prospecting and accelerating revenue to meet budget and profitability targets.
- Performed customer site evaluations to scope service requirements or "right-size" services.
- Managed and decreased monthly account outstanding receivables.

**Nathan Trowbridge**

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**Education**                      BS Chemistry and Biology – Valparaiso University 1990  
Supervisory Development Program – University of Notre Dame 2003

**Professional Awards, Memberships**                      American Water Works Association (AWWA) – Member since 2001  
National Rural Water Association (NRWA) – Member since 2007

**KEY EXPERIENCE**

Dedicated professional combining excellent academic credentials along with 28 years of experience with one of the nation's top environmental laboratories performing testing according to EPA established protocols and industry regulatory standards. Proficient in Project Management, Drinking Water Regulations, Public Speaking and Cross-Functional Team Leadership. Experienced in Lean Practices and Supervisory Management.

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**Employment Record**

**EUROFINS EATON ANALYTICAL, LLC - South Bend, IN**  
**Customer Services Manager**, 04/2014 to Present (Eurofins), 2003 to 04/2014 (UL LLC)

- Manages Client Services group and selected projects
- Manages Shipping and Receiving department
- Manages Reporting group
- Coordinates preparation of key/strategic business proposals
- Performs follow-up, as required, on outstanding Accounts Receivable
- Participates in conferences and tradeshow exhibits
- Works with Business Development in the development of Sales and Marketing strategies
- Works on special projects affecting customer-related activities

**UNDERWRITERS LABORATORIES INC / EHL – South Bend, IN**  
**Senior Project Manager**, 1999 to 2003

- Served as the primary interface and communication link between clients and laboratory staff to ensure client needs and regulatory needs are met. Identified and pursued new business opportunities.
- Identified and pursued new business opportunities.

**ENVIRONMENTAL HEALTH LABORATORIES (EHL) – South Bend, IN**  
**Project Manager**, 1998 to 1999

- Represented the laboratory to existing and prospective clients verbally and through written quotes and proposals.
- Coordinated inter-departmental communication related to shipping, analysis, reporting and invoicing of sample sets.
- Documented and summarized local, state, and federal regulations affecting the analytical requirements for public water supplies, bottled water and beverage manufacturers.

ENVIRONMENTAL HEALTH LABORATORIES (EHL) – South Bend, IN  
**Metals / Inorganics Team Leader**, 1992 to 1998

- Performed metals testing with ICP/MS, graphite furnace atomic absorption, flame atomic absorption, and mercury testing on Leeman AP200/PS200 system.
- Tested and assisted in method development of Alpkem wet chemistry auto analyzer.
- Supervised Inorganics department staff.
- Developed QA/QC procedures for ICR analyses – Calcium Hardness and Turbidity.
- Performed data generation and data validation for ICR analyses.

**Publications and Presentations**

**Nathan Trowbridge**, Use of ICP-MS in a Certified Drinking Water Laboratory, FACCS conference, St. Louis, MO, October 1994

**Nathan Trowbridge**, Using ICP-MS to Test for Lead and Copper for the Lead and Copper Rule, Submitted to Varian, June 1995

**Nathan Trowbridge**, E. coli for Small Systems for LT2, Michigan DEQ Drinking Water seminar, May 2006

**Nathan Trowbridge**, E. coli for Small Systems for LT2, TCEQ Public Drinking Water Conference, Austin, TX, August 2006

**Nathan Trowbridge**, Jessie Varab, Laboratory Perspective of UCMR2, West Shore Water Producers Quarterly meeting, Highland Park, IL, May 2007

**Nathan Trowbridge**, Jessie Varab, Laboratory Perspective of UCMR2, TCEQ Public Drinking Water Conference, Austin, TX, August 2007

Yongtao Li, **Nathan Trowbridge**, Pharmaceuticals in Drinking Water – What We’ve Found, Illinois Section AWWA, Glenview, IL, May 2009

Yongtao Li, **Nathan Trowbridge**, Pharmaceuticals in Drinking Water – What We’ve Found, Kentucky/Tennessee Section AWWA, Lexington, KY, July 2009

**Nathan Trowbridge**, Jessie Varab, Water Security: Lessons Learned from an Emergency Response Event at a Public Water Supply, published in EPA’s ERLN/WLA Liaison Update, 2011 Summer Edition

**Nathan Trowbridge**, From Receipt to Report - Your Sample’s Path Through the Lab, Northwest Indiana AWWA district meeting, June 2011

**Nathan Trowbridge**, Analytical Measurements Down the Road – Where Will It Take Us?, Illinois Potable Water Supply Operators Annual Conference, September 2011

**Nathan Trowbridge**, Jessie Varab, UCMR3 – What You Need to Know, Georgia Rural Water, Helen, Georgia, November 2012

**Nathan Trowbridge**, Jessie Varab, UCMR3 Sampling Workshop, Indiana AWWA, Indianapolis, IN, February 2013

**Nathan Trowbridge**, Jessie Varab, UCMR3 – What You Need to Know, California/Nevada AWWA, Las Vegas, NV, March 2013

**Nathan Trowbridge**, Jessie Varab, UCMR3 – What You Need to Know, “Drinking Water Rules and Regulations Update” seminar, Raleigh, NC, July 2013



**Education**                      BS Applied Engineering – Michigan State University 1996  
Supervisory Development Program – University of Notre Dame 2002

**Professional Awards, Memberships**                      The NELAC Institute – Member since 2013.  
ASQ – Member since 2013

### **KEY EXPERIENCE**

Dedicated quality and facilities manager combining excellent academic credentials along with 21 years of experience with one of the nation's top environmental laboratories. Proficient in LEAN leadership, quality systems, management strategies and laboratory operations. Experienced in preventive and corrective actions, laboratory safety, facilities project management, customer service, and vendor relations.

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### **Employment Record**

#### **EUROFINS EATON ANALYTICAL, LLC - South Bend, IN**

**QA and Facilities Manager**, 04/2014 to Present (Eurofins), 2013 to 04/2014 (UL LLC)

- Lead staff and daily operations of Quality Assurance and Facilities.
- Responsible for ensuring ongoing accreditation of the laboratory, including audits and PT studies.
- Performed audits of the laboratory and reviews system documentation for compliance and consistency.
- Identifies areas for preventive and corrective action.
- Oversaw and participated in location specific internal audit program.
- Oversaw assigned operations to achieve department objectives and operation goals.
- Developed and implemented operating plans, goals and budgets within departments.
- Participated in development of annual business plans.

UL LLC – South Bend, IN

**Section Manager III**, 2012 to 2013

- Lead staff and daily operations of Facilities.
- Performed daily duties in the Quality Assurance Department including document management, overseeing audits and assisting with certifications.
- Oversaw assigned operations to achieve department objectives and operation goals.
- Developed and implemented operating plans, goals and budgets within departments.
- Participated in development of annual business plans.
- Trained as a Corrective Action Report (CAR) Administer.
- Participated in location specific internal audit program.

UNDERWRITERS LABORATORIES INC (name changed to UL LLC Jan 2012) – South Bend, IN

**Section Manager III**, 2010 to 2012

- Lead staff and daily operations of Reporting and Facilities.

- Oversaw assigned operations to achieve department objectives and operation goals.
- Developed and implemented operating plans, goals and budgets within departments.
- Participated in development of annual business plans.
- Led Kata for eliminating paper from the reporting process, decreasing postage and labor cost.
- Oversaw facility projects within the building. For example, building out a new lab for water systems testing.
- Participated in location specific internal audit program.

**UNDERWRITERS LABORATORIES INC – South Bend, IN**  
**Section Manager III, 2004 to 2010**

- Lead staff and daily operations of Reporting, Shipping and Receiving.
- Oversaw assigned operations to achieve department objectives and operation goals.
- Developed and implemented operating plans, goals and budgets within departments.
- Participated in development of annual business plans.
- Developed new labeling system for Shipping and Receiving eliminating manual entries.
- Continued development of electronic reporting system.
- Participated in location specific internal audit program.

**UNDERWRITERS LABORATORIES INC – South Bend, IN**  
**Reporting Manager, 2002 to 2004**

- Responsible for managing the Reporting Section.
- Ensured that all client reports were complete and meet all client and/or regulatory requirements.
- Ensured that all invoices were created accurately and all reports were mailed.
- Conducted employee evaluations on all Reporting staff.
- Participated in development of annual business plans.
- Developed a new electronic reporting system for client reports, moving from paper..
- Participated in location specific internal audit program.

**ENVIRONMENTAL HEALTH LABORATORIES (EHL) – South Bend, IN**  
**Data Technician I, 1999 to 2002**

- Entered client data and analysis results into technical reports.
- Created laboratory and client formats and reports.
- Created invoices.
- Mailed reports.
- Maintained copies of all client reports for EHL records.
- Performed bench-scale/jar testing procedures based on client protocol.
- Safety committee member, assisting in the revising of the chemical hygiene plan.

**Education**                      BS Chemistry with Honors – Beloit College 1989  
Business Management Programs – Indiana University South Bend 1994  
Principles of Operational Excellence & Assessment, Shingo Prize – Utah  
State University 2012

**Professional  
Awards,  
Memberships**                      American Chemical Society (ACS) – Member

### **KEY EXPERIENCE**

Dedicated scientist manager combining excellent academic credentials along with over 30 years of experience with one of the nation's top environmental laboratories performing testing according to EPA established protocols and industry regulatory standards. Proficient in High-Performance Liquid Chromatography (HPLC), High-Performance Liquid Chromatography Mass Spectroscopy (LCMS), Gas Chromatography (GC), Gas Chromatography Mass Spectroscopy (GCMS), Solid Phase Extraction (SPE), and Wet Chemistry techniques. Experienced in ANSI 60/61 certification and LEAN practices. CPR/AED/ First Aid certified.

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### **Employment Record**

#### **EUROFINS EATON ANALYTICAL, LLC - South Bend, IN**

**Technical Manager**, 04/2014 to Present (Eurofins), 2003 to 04/2014 (UL LLC)

- Responsible for technical, administrative, and personnel management of assigned lab section.
- Responsible for developing and implementing operating plans, goals and budgets for lab section.
- Responsible for oversight of custom analytical and organic testing activities according to the Safe Drinking Water Act (SDWA), adhering to established EPA methodologies.
- Perform review and validation of analytical data for EPA compliance or client specific requirements.
- Assist in the analysis and/or preparation of samples for Organic, Inorganic and Microbiological testing.
- Provide input to staff as well as train staff on procedural improvements leading to reduction in cost.
- Participate in location specific internal audit program.

#### **UNDERWRITERS LABORATORIES INC – South Bend, IN**

**Scientist I**, 2001 to 2003

- Performed daily operation, calibration and maintenance of various types of laboratory equipment and analytical instrumentation.
- Performed various testing methods according to the Safe Drinking Water Act (SDWA), adhering to established EPA methodologies.
- Analyzed and/or prepared thousands of samples for Organic, Inorganic and Microbiological testing.

- Developed various analytical methods to meet either EPA method protocols or specific client requirements.

**ENVIRONMENTAL HEALTH LABORATORIES – South Bend, IN**  
**Various Scientist titled positions, 1990 to 2001**

- Performed daily operation, calibration and maintenance of various types of laboratory equipment and analytical instrumentation.
- Analyzed and/or prepared thousands of samples for Organic, Inorganic and Microbiological testing according to the Safe Drinking Water Act (SDWA), adhering to established EPA methodologies.
- Performed solid phase extraction on thousands of samples.
- Developed various analytical methods to either EPA method protocols or to meet specific client needs.

**Publications and Presentations**

**Rhonda Day**, "Managing Micro-pollutants." *Water & Wastewater International*. Volume 25, Issue 6, (December/January 2010-2011): p. 40-42.

Thoma, J.J., George III, John E., Shumaker, R.S. "EPA Method 507 and 515.1 Parameters by Axial Modulation Ion Trap MS and Empore Disk Extraction." California Pesticide Residual Workshop, Sacramento, CA. February/March. 1991.

**Education** BS, Biological Sciences University of Northern Colorado, 2003

### **KEY EXPERIENCE**

Ms. Raley is uniquely positioned to be an Analytical Services Manager. As a Microbiology Supervisor and Principal Analyst for EPA Method 1623, she has hands on experience in all areas of the microbiology laboratory. As The Customer Services Manager her primary focus is to maintain client relations and provide exceptional client service.

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### **Employment Record**

**2019-Present Eurofins Eaton Analytical, LLC, Monrovia, CA Customer Service Manager**

Ms. Raley is responsible for ensuring that the service needs of our clients are met through the supervision of our project management staff.

**2017-2019 Eurofins Eaton Analytical, LLC Analytical Services Manager**

Ms. Raley manages accounts with various municipal, state and governmental clients engaged in water, wastewater, and hazardous waste analyses for which the Laboratory serves as the primary resource for drinking water testing. In this capacity, she is responsible for providing cost quotations, preparing bottle orders, and interacting with clients regarding project set up and communicating this information to the appropriate personnel. Ms. Raley monitors the project status and reviews the final report and subcontractor reports for completeness.

**2017-2019 Eurofins Eaton Analytical, LLC Microbiology Department Interim Supervisor**

Ms. Raley conducts routine microbiological analyses and ensures microbiology lab is adhering to NELAC and ISO standards at all times. She also oversees general laboratory maintenance and QA/QC and utilizes microbiology skills to assist QA department in consulting projects.

**2015-2017 Eurofins Eaton Analytical, LLC *Cryptosporidium/Giardia* Principal Scientist**

Ms. Raley is responsible for establishing and maintaining the *Cryptosporidium/Giardia* laboratory at Eurofins Eaton Analytical Monrovia and achieving approval under EPA's Laboratory QA program. She prepared and reviewed the EPA QA application and laboratory Standard Operating Procedures for the *Cryptosporidium/Giardia* laboratory. Ms. Raley oversees LT2 audits by EPA, PT sample analysis/reporting and analyst training. Ms. Raley has been processing *Cryptosporidium* and *Giardia* samples using EPA 1623 for 13 years. She processes and analyses *Cryptosporidium* and *Giardia* as well as trains new analysts for the method.

**2014-2015 Charlotte-Mecklenburg Utility, Laboratory Analyst III**

Processing and analysis of EPA Initial Proficiency and Ongoing Proficiency samples, matrix spikes, method blanks, and environmental sample per EPA Method 1622/1623.

2005 - 2014    **ESC Lab Sciences, Senior Biologist**

Preparation and review of EPA QA application and laboratory Standard Operating Procedures for the Cryptosporidium/Giardia laboratory. Processing and analysis of EPA Initial Proficiency and Ongoing Proficiency samples, matrix spikes, method blanks, and environmental sample per EPA Method 1622/1623. Responsible for training employees on all water analysis methods performed in the biology laboratory.

**EDUCATION**

Bachelor of Science in Chemical Engineering, Saint Louis University, Philippines, 1986

**KEY EXPERIENCE**

Mr. Rodriguez has over 30 years of environmental laboratory experience with a background in organic analysis. He received a B.S. in Chemical Engineering from Saint Louis University. Mr. Rodriguez has extensive experience throughout the laboratory. He has operated as an Analytical Chemist, Field Operations Supervisor coordinating on-site laboratory and field operations such as soil, water and groundwater sampling, soil vapor surveys, pilot plant monitoring and R & D projects, Department Manager for Organics and Metals, and Laboratory Director.

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**EMPLOYMENT RECORD****Eurofins Eaton Analytical, LLC, Monrovia, CA: Organics Technical Manager  
(Sept 2019 - Present)****Advanced Technology Laboratories, Signal Hill, CA: Laboratory Director  
(Jul 2009 to May 2019)**

Managed all aspects of laboratory production operations and client services. Reviewed and structured workflow and processes, QAPP implementation and ELAP/NELAP laboratory accreditation. Negotiated contracts with suppliers and vendors. Reviewed and approved final reports. Prepared and reported budget, P & L and production reports. Structured the framework of LIMS (Laboratory Information Management System). Collaborated with sales and marketing group. Advised and provided technical consultation to clients on analytical requirements, and compliance testing. Oversaw the QA/QC group and field services.

- Achieved strongest volume growth and record sales.
- Reduced operating costs and lowered expenses.
- Expanded services in air testing and mobile soil gas testing.
- Managed and sought successful PJLA-DOD Accreditation of Soil Vapor mobile laboratory.
- Recommended instrumentation to increase productivity and efficiency.

**Advanced Technology Laboratories, Signal Hill, CA: Laboratory Director  
(June 2000 to Jul 2009)**

Organized and simplified departmental procedures resulting in increased productivity and reduced operating costs. Improved turnaround time to 5 days from 15 days. Responsible for hiring staff and staff reviews for Inorganic, Sample Control, Field services and Facilities departments. Troubleshoot and maintained analytical instruments. Set up equipment and methods per SW 846 and EPA. Responsible for ordering and maintaining supplies within budget. Operated GC, GCMS, ICPMS, ICP, IC, FAA and FIMS. Trained analysts.

- Increased productivity through streamlining workflow.
- Reduced costs by managing supplies and inventory.

**Union Pacific Resources, Inc., Fort Worth, TX: Staff Chemist  
(Aug 1996 – May 2000)**

Provided technical and analytical services to the oil & gas refining operations in the areas of environmental compliance and analytical testing, CEM (Continuous Emissions Monitoring), NPDES, storm water and wastewater compliance, gas & NGL measurements, corrosion and scale treatment and prevention. Designed, constructed CEM mobile testing lab to assess and maintained gas generators efficiently. Extensive experience in alkanolamine systems in natural gas purification, heat stable salts, acid gas loading and sour gas treatment.

- Implemented gas-fired generators maintenance and monitoring program resulting in reduced emission fees (\$1M/year).
- Developed and utilized Oil Fingerprinting using Gas Chromatography to aid in the management of steam and water injection of oil reservoirs.
- Developed, installed and patented a method to measure acid gas loading in situ on natural gas-alkanolamine systems.

**Environmental Treatment & Tech., Inc., Newport Beach, CA: Field Operations Supervisor  
(May 1990- July 1996)**

Managed, supervised and coordinated on-site laboratory and field operations such as soil, water and groundwater sampling, soil vapor surveys, pilot plant monitoring and R & D projects. Implemented Site H&S, Chemical Hygiene and Site Safety. Designed and constructed mobile laboratory up to its CA ELAP Accreditation. Operated various field testing instruments such as portable PID/FID analyzer, field meters (pH, conductivity, TDS, temperature, well depth).

- Organized groundwater sampling team.
- R & D projects such as oilfield-produced water recycling.
- Pilot testing of the conversion acid gas H<sub>2</sub>S to saleable products (NaSH and elemental sulfur). Patented.

**Chemical Research Laboratories, Garden Grove, CA: Analytical Chemist  
(May 1988 – April 1990)**

Performed analytical testing according to EPA and SW 846 for water and solid waste; and Standard Methods for Water, and Wastewater. Sample preparation by EPA 3010, 3050, 1311, 1312 and Organic extractions Soxhlet, Continuous L-L, sonication and GPC.



## Eurofins Lancaster Laboratories Staff:



**Charles J. Neslund**  
Scientific Officer

Mr. Neslund is the Scientific Officer for Eurofins Lancaster Laboratories Environmental, LLC. He is responsible for identifying and framing trends in analytical testing and equipment. He communicates the technical needs of the environmental market and our clients to the technical director in order to initiate new methodology for research and development. He accompanies ELLE's sales team on client visits and gives presentations aimed to educate our clients. He was integral in our setup of method EPA 537 for the testing of PFAS compounds in various matrices.

He has over 33 years of laboratory experience. He has a B.S. in Chemistry from the University of Pittsburgh (1982) and two years of graduate study credits in Organic Chemistry from the University of Pittsburgh (1982-1984).

Chuck has presented dozens of oral and poster presentations at national conferences including NEMC, AEHS, ACS, EMDQ, and Battelle.

He is a member of the American Chemical Society (ACS), Chromatography Forum of Delaware Valley (CFDV), Air & Waste Management Association (AWMA), Society of Environmental Toxicology and Chemistry (SETAC), and Sediment Management Workgroup (SMWG).



**Lynn M. Frederiksen**  
Principal Specialist  
Client Services

Ms. Frederiksen communicates with technical groups about project-specific requirements and provides written instructions to internal personnel concerning these requirements. She reviews client paperwork submitted with samples and audits all specifications logged into LIMS to ensure proper analysis and handling of samples. She will track the status of samples and keep clients informed of progress and expected delivery date. She provides technical assistance and is a resource for clients with analytical inquiries. She schedules bottle shipments and sample pickups and prepares written price quotations.

She has over 30 years of laboratory experience. She previously worked for the University of Missouri and GPU Nuclear Corporation.

Lynn received a B.S. in Conservation and Resource Development from the University of Maryland in 1981.

# Appendix B: Certifications



State of Michigan  
Department of Environmental Quality  
Remediation & Redevelopment Division



CERTIFIES:

**EUROFINS EATON ANALYTICAL, LLC  
SOUTH BEND**

**HAS BEEN EVALUATED AND IS APPROVED FOR THE FOLLOWING  
PARAMETERS FOR THE ANALYSIS OF DRINKING WATER:**

FULL CERTIFICATION

**INORGANIC CHEMISTRY**

Antimony, Arsenic, Barium, Beryllium  
Bromate, Bromide, Cadmium, Calcium, Chlorate, Chlorite  
Chromium, Copper, Cyanide, Fluoride, Lead, Magnesium, Mercury  
Nickel, Nitrate, Nitrite, Orthophosphate, Perchlorate, Potassium, Selenium, Sodium  
Sulfate, Thallium, Total Nitrates, Total Organic Carbon, Uranium

**This certification requires maintenance of an acceptable quality assurance  
program, use of approved methodology and equipment,  
and satisfactory performance on evaluation samples.**

**This certification does not guarantee validity of data generated.**



March 22, 2022

Expiration Date

March 22, 2022

Fees Paid to Date

March 27, 2019

Effective Date

Greg A. Sunday  
Laboratory Certification Officer

9926

Laboratory Number

State of Michigan  
Department of Environmental Quality  
Remediation & Redevelopment Division



CERTIFIES:  
**EUROFINS EATON ANALYTICAL, LLC**  
**SOUTH BEND**

HAS BEEN EVALUATED AND IS APPROVED FOR THE FOLLOWING  
PARAMETERS FOR THE ANALYSIS OF DRINKING WATER:

FULL CERTIFICATION  
ORGANIC CHEMISTRY

2,4,5-TP, 2,4-D, 3-Hydroxycarbofuran, Alachlor, Aldicarb,  
Aldicarb Sulfone, Aldicarb Sulfoxide, Aldrin, Atrazine, Benzo(a)pyrene,  
Butachlor, Carbaryl, Carbofuran, Chlordane, Dalapon, DBCP, Di(2-ethylhexyl)adipate,  
Di(2-ethylhexyl)phthalate, Dicamba, Dieldrin, Dinoseb, Diquat, EDB, Endothall,  
Endrin, Glyphosate, Haloacetic Acids, Heptachlor, Heptachlor Epoxide, Hexachlorobenzene,  
Hexachlorocyclopentadiene, Lindane, Methomyl, Methoxychlor, Metolachlor,  
Metribuzin, Oxamyl, PCBs as Arochlors, Pentachlorophenol, Picloram,  
Propachlor, Regulated and Unregulated Volatile Organic Chemicals  
Simazine, Total Trihalomethanes, Toxaphene

This certification requires maintenance of an acceptable quality assurance  
program, use of approved methodology and equipment,  
and satisfactory performance on evaluation samples.  
This certification does not guarantee validity of data generated.



March 22, 2022  
Expiration Date

March 22, 2022  
Fees Paid To Date

March 27, 2019  
Effective Date

*Greg A. Punday*  
Laboratory Certification Officer

9926  
Laboratory Number

**Michigan Department of  
Environment, Great Lakes, and Energy**



CERTIFIES:

**EUROFINS EATON ANALYTICAL, LLC  
SOUTH BEND**

**HAS BEEN EVALUATED AND IS APPROVED FOR THE FOLLOWING  
PARAMETERS FOR THE ANALYSIS OF DRINKING WATER:**

CERTIFIED PARAMETERS

MICROBIOLOGY

Cryptosporidium  
Giardia

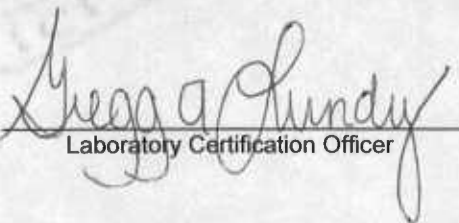
**This certification requires maintenance of an acceptable quality assurance program,  
use of approved methodology and equipment,  
and satisfactory performance on evaluation samples.  
This certification does not guarantee validity of data generated.**



September 16, 2020  
Expiration Date

March 22, 2022  
Fees Paid to Date

September 17, 2019  
Effective Date

  
Laboratory Certification Officer

9926  
Laboratory Number



GRETCHEN WHITMER  
GOVERNOR

STATE OF MICHIGAN  
DEPARTMENT OF  
ENVIRONMENT, GREAT LAKES, AND ENERGY  
LANSING

**EGLE**  
LIESL EICHLER CLARK  
DIRECTOR

September 18, 2019

Mr. Dale Piechocki  
Eurofins Eaton Analytical, LLC  
110 South Hill Street  
South Bend, IN 46617

Laboratory No: 9926  
Effective Date: 09/17/2019

Dear Mr. Piechocki:

SUBJECT: Recognition of Certification for Radiological Testing

The information that was prepared and/or submitted to this office by the Oregon Environmental Laboratory Accreditation Program and your laboratory has been reviewed. Based on this information and the radiological certification from the Oregon Environmental Laboratory Accreditation Program, the Michigan Department of Environment, Great Lakes, and Energy (EGLE) will recognize results generated by your facility for the radiochemistry parameters listed on your certification from the Oregon Environmental Laboratory Accreditation Program.

The State of Michigan does not certify laboratories for radiochemistry analyses. This letter only serves as recognition of your facility so you may analyze drinking water samples originating in the State of Michigan. Our acceptance of results from Eurofins Eaton Analytical, LLC – South Bend is contingent on your continued certification by the Oregon Environmental Laboratory Accreditation Program. In addition, your laboratory's status in Michigan is contingent on your laboratory submitting to this office at least one full set of acceptable proficiency test sample results from a state-approved supplier on a running 12-month basis throughout the certification period.

Our recognition of your facility will expire on September 16, 2020. Forward the new certificates and a copy of the on-site inspection report with the laboratory's corrective action reply once you renew your certification with the Oregon Environmental Laboratory Accreditation Program. You will be reissued recognition upon review and acceptance of the materials submitted to this office. If you have questions or comments regarding this information, please contact me by phone at 517-335-9219 or by email at [lundyg@michigan.gov](mailto:lundyg@michigan.gov).

Sincerely,

Gregg A. Lundy  
Laboratory Certification Officer  
Laboratory Services Section  
Remediation and Redevelopment Division

GL/lsh

cc: Indiana State Department of Health  
Oregon Environmental Laboratory Accreditation Program  
EGLE DWEHD Lansing District Office



GRETCHEN WHITMER  
GOVERNOR

STATE OF MICHIGAN  
DEPARTMENT OF ENVIRONMENTAL QUALITY  
LANSING



LIESL EICHLER CLARK  
DIRECTOR

March 27, 2019

Mr. Dale Piechocki  
Eurofins Eaton Analytical, LLC.- South Bend  
110 South Hill Street  
South Bend, IN 46617

Laboratory No: 9926

Dear Mr. Piechocki:

SUBJECT: Laboratory Certification

The information that was prepared and submitted to this office by your laboratory has been reviewed. Based on this information, the Michigan Department of Environmental Quality has certified Eurofins Eaton Analytical, LLC., South Bend, IN for compliance monitoring under the Safe Drinking Water Act, 1976 PA 399, as amended. Our certification for your laboratory by parameter is as follows:

**Microbiology**

Certified Parameters:

Heterotrophic Plate Count (via the IDEXX SimPlate™ Test Method)  
Total Coliform and *E. coli* (via Standard Methods, 22<sup>nd</sup> Edition, Method 9223B)  
Enumeration of Total Coliform and *E. coli* (via Standard Methods, 22<sup>nd</sup> Edition, Method 9223B, Multiple Well)

**Inorganic Chemistry**

Certified Parameters:

Calcium, Magnesium, Potassium, and Sodium (via U.S. EPA Method 200.7)  
Antimony, Arsenic, Barium, Beryllium, Cadmium, Chromium, Copper, Lead, Nickel, Selenium, Thallium, and Uranium (via U.S. EPA Method 200.8)  
Mercury (via U.S. EPA Method 245.1)  
Bromide, Chlorate, Chlorite, Fluoride, Nitrate and Sulfate (via U.S. EPA Method 300.0)  
Bromate, (via U.S. EPA Method 300.1 and U.S. EPA Method 317.0)  
Perchlorate (via U.S. EPA Method 331.0)  
Cyanide (via U.S. EPA Method 335.4)  
Nitrate, Nitrite and Total Nitrates (as N) (via U.S. EPA Method 353.2)  
Fluoride (via Standard Methods, 22<sup>nd</sup> Edition, Method 4500F-C)  
Orthophosphate as P (via Standard Methods, 22<sup>nd</sup> Edition, Method 4500F-C)  
Total Organic Carbon (via Standard Methods, 22<sup>nd</sup> Edition, Method 5310C)



Mr. Dale Piechocki  
Eurofins Eaton Analytical, LLC.- South Bend  
Page 2  
March 27, 2019

**Organic Chemistry**

Full Certification:

Dibromochloropropane (DBCP) and Dibromoethane (EDB)  
(via U.S. EPA Method 504.1 and U.S. EPA Method 524.3)  
Chlordane, PCBs (Screen Only) and Toxaphene (via U.S. EPA Method 505)  
2,4-D, 2,4,5-TP, Dalapon, Dicamba, Dinoseb, Pentachlorophenol, and Picloram  
(via U.S. EPA and 515.3)  
Regulated and Unregulated Volatile Organic Chemicals (via U.S. EPA Method 524.2)  
Total THMs (via U.S. EPA Methods 524.2, 524.3, and 551.1)  
Aldicarb, Aldicarb Sulfoxide, Aldicarb Sulfone, Carbaryl, Carbofuran, Methomyl, Oxamyl  
and 3-Hydroxycarbofuran (via U.S. EPA Method 531.2)  
Di(2-ethylhexyl)adipate, Di(2-ethylhexyl)phthalate, Alachlor, Aldrin, Atrazine,  
Benzo(a)pyrene, Butachlor, Dieldrin, Endrin, Heptachlor, Heptachlor Epoxide,  
Hexachlorobenzene, Hexachlorocyclopentadiene, Lindane, Methoxychlor, Metolachlor,  
Metribuzin, Propachlor and Simazine (via U.S. EPA Method 525.2)  
Glyphosate (via U.S. EPA Method 547)  
Endothall (via U.S. EPA Method 548.1)  
Diquat (via U.S. EPA Method 549.2)  
Haloacetic Acids (HAA5) (via U.S. EPA Method 552.2 and 552.3)

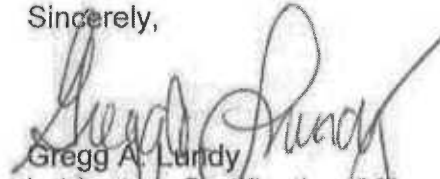
Our certification of Eurofins Eaton Analytical, LLC. for the microbiological and chemical examination of drinking water is contingent on your continued compliance with state and federal regulations. Additionally, your certification is contingent on the submission of acceptable proficiency test results from a state-approved supplier on a running twelve-month basis.

**This certification of your facility will expire on March 22, 2022. Your certification fees are paid until March 22, 2022. Please forward your certificates and on-site inspection report once you renew your certification in Indiana (home state) or with the Oregon Environmental Laboratory Accreditation Program. Provided the laboratory maintains full certification status in Indiana and Oregon you will be reissued reciprocal certification for the State of Michigan without charge until the expiration date of your home state certification exceeds the "Fees Paid to Date" on your Michigan certification. Seven months in advance of your "Fees Paid to Date" you will be sent a certification renewal package and assessed the fee for the upcoming three-year period. Certification fees are non-refundable.**

Mr. Dale Piechocki  
Eurofins Eaton Analytical, LLC.- South Bend  
Page 3  
March 27, 2019

If you have questions regarding this information, please contact me by phone at 517-335-9219 or by email at lundyg@michigan.gov.

Sincerely,



Gregg A. Lundy  
Laboratory Certification Officer  
Laboratory Services Section  
Remediation and Redevelopment Division

GL/lsh

Enclosure

cc: Indiana State Department of Health  
Oregon Environmental Laboratory Accreditation Program  
DEQ DWMAD Lansing District Office



GRETCHEN WHITMER  
GOVERNOR

STATE OF MICHIGAN  
DEPARTMENT OF  
ENVIRONMENT, GREAT LAKES, AND ENERGY  
LANSING

**EGLE**  
LIESL EICHLER CLARK  
DIRECTOR

September 18, 2019

Mr. Dale Piechocki  
Eurofins Eaton Analytical, LLC.  
110 South Hill Street  
South Bend, IN 46617

Laboratory No: 9926  
Effective Date: 09/17/2019

Dear Mr. Piechocki:

SUBJECT: Cryptosporidium Certification

The information that was prepared and submitted to this office by your laboratory has been reviewed. Based on this information, the Michigan Department of Environment, Great Lakes, and Energy (EGLE) has certified Eurofins Eaton Analytical, LLC. located in South Bend, IN for compliance monitoring under the Safe Drinking Water Act, 1976 PA 399, as amended. Our certification for your laboratory by parameter is as follows:

**Microbiology**

Certified Parameters:

Cryptosporidium and Giardia (via U.S. EPA Method 1623)

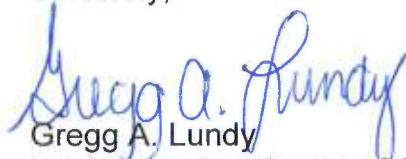
Our acceptance of results and certification of Eurofins Eaton Analytical, LLC for the examination of drinking water for cryptosporidium and giardia is contingent on your continued certification with the Oregon Environmental Laboratory Accreditation Program and compliance with state and federal regulations. Additionally, your certification is contingent on the submission of acceptable proficiency test results from a state-approved supplier on a running twelve-month basis.

**Our certification of your facility for cryptosporidium and giardia will expire on September 16, 2020. Your certification fees are paid until March 22, 2022. Please forward your certificates and on-site inspection report once you renew your certification in Indiana (home state) or with the Oregon Environmental Laboratory Accreditation Program. Provided that you maintain fully certified status in Indiana and Oregon you will be issued reciprocal certification in the State of Michigan without charge until the expiration date would exceed the "Fees Paid to Date". Seven months in advance of your "Fees Paid to Date" you will be sent a certification renewal package and assessed the fee for the upcoming three-year period. Certification fees are non-refundable.**

Mr. Dale Piechocki  
Eurofins Eaton Analytical, LLC.  
Page 2  
September 18, 2019

If you have questions regarding this information, please contact me by phone at 517-335-9219 or by email at [lundyg@michigan.gov](mailto:lundyg@michigan.gov).

Sincerely,



Gregg A. Lundy  
Laboratory Certification Officer  
Laboratory Services Section  
Remediation and Redevelopment Division

GL/lsh

Enclosure

cc: Indiana State Department of Health  
Oregon Environmental Laboratory Accreditation Program  
EGLE DWEHD Lansing District Office



# OREGON

## Environmental Laboratory Accreditation Program



**Eurofins Eaton Analytical, LLC**

NELAP Recognized

**4074**

110 South Hill Street  
South Bend, IN 46617

IS GRANTED APPROVAL BY ORELAP UNDER THE 2009 TNI STANDARDS, TO PERFORM ANALYSES ON ENVIRONMENTAL SAMPLES IN MATRICES AS LISTED BELOW :

<i>Air</i>	<i>Drinking Water</i>	<i>Non Potable Water</i>	<i>Solids and Chem. Waste</i>	<i>Tissue</i>
	Chemistry Microbiology Radiochemistry	Microbiology		

AND AS RECORDED IN THE LIST OF APPROVED ANALYTES, METHODS, ANALYTICAL TECHNIQUES, AND FIELDS OF TESTING ISSUED CONCURRENTLY WITH THIS CERTIFICATE AND REVISED AS NECESSARY.

ACCREDITED STATUS DEPENDS ON SUCCESSFUL ONGOING PARTICIPATION IN THE PROGRAM AND CONTINUED COMPLIANCE WITH THE STANDARDS.

CUSTOMERS ARE URGED TO VERIFY THE LABORATORY'S CURRENT ACCREDITATION STATUS IN OREGON.

Travis Bartholomew  
Oregon State Public Health Laboratory  
ORELAP Program Manager  
7202 NE Evergreen Parkway, Suite 100  
Hillsboro, OR 97124

EFFECTIVE DATE : 05/5/2020

EXPIRATION DATE : 09/16/2020

Certificate No : 4074 - 012





# OREGON

## Environmental Laboratory Accreditation Program



### ORELAP Fields of Accreditation

ORELAP ID: 4074

Eurofins Eaton Analytical, LLC

EPA CODE: IN00035

110 South Hill Street

Certificate: 4074 - 012

South Bend, IN 46617

Issue Date: 5/5/2020 Expiration Date: 9/16/2020

As of 5/5/2020 this list supersedes all previous lists for this certificate number.

MATRIX	Reference	Code	Analyte	Code	Description
Drinking Water	EPA 150.1			10008409	pH - Electrometric Measurement
		1900	pH		
	EPA 1623			10236609	Filtration/IMS/FA: Cryptosporidium and Giardia
		2510	Cryptosporidia		
		2545	Giardia		
	EPA 180.1 2			10011800	Turbidity - Nephelometric
		2055	Turbidity		
	EPA 200.2			10013000	Sample Preparation Procedure for Spectrochemical Determination of Total Recoverable Elements - Revision 2.8
		8031	Extraction/Preparation		
	EPA 200.7 4.4			10013806	ICP - metals
		1035	Calcium		
		1070	Iron		
		1085	Magnesium		
		1125	Potassium		
		1990	Silica as SiO2		
		1155	Sodium		
	EPA 200.8 5.4			10014605	Metals by ICP-MS
		1000	Aluminum		
		1005	Antimony		
		1010	Arsenic		
	1015	Barium			
	1020	Beryllium			
	1030	Cadmium			
	1040	Chromium			
	1055	Copper			
	1075	Lead			
	1090	Manganese			
	1100	Molybdenum			
	1105	Nickel			
	1140	Selenium			
	1150	Silver			
	1165	Thallium			
	1184	Uranium (mass)			
	1185	Vanadium			
	1190	Zinc			



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### Drinking Water

EPA 218.6 3.3		10028009	Dissolved Hexavalent Chromium by Ion Chromatography
	1045 Chromium VI		
EPA 218.7 1		10268414	Determination of Hexavalent Chromium in Drinking Water by Ion Chromatography with Post-column Derivatization and UV-VIS Spectroscopic Determination
	1045 Chromium VI		
EPA 245.1 3		10036609	Mercury by Cold Vapor Atomic Absorption
	1095 Mercury		
EPA 300.0 2.1		10053200	Methods for the Determination of Inorganic Substances in Environmental Samples
	1540 Bromide		
	1570 Chlorate		
	1575 Chloride		
	1595 Chlorite		
	1730 Fluoride		
	1810 Nitrate as N		
	2000 Sulfate		
EPA 300.1 1.0		10275602	Determination of Inorganic Anions in Drinking Water by Ion Chromatography
	1535 Bromate		
EPA 317.0 2.0		10237602	Inorganic Oxyhalide Disinfection Byproducts in Drinking Water
	1535 Bromate		
EPA 331.0 1.0		10059708	Determination of Perchlorate in Drinking Water by Liquid Chromatography Electrospray Mass Spectrometry (LC/ESI/MS)
	1895 Perchlorate		
EPA 335.4 1.0		10061402	Methods for the Determination of Inorganic Substances in Environmental Samples
	1645 Total cyanide		
EPA 353.2 2		10067604	Nitrate/Nitrite Nitrogen - Automated, Cadmium
	1810 Nitrate as N		
	1820 Nitrate plus Nitrite as N		
	1840 Nitrite as N		
EPA 504.1 1.1		10082801	EDB/DBCP/TCP micro-extraction, GC/ECD
	4570 1,2-Dibromo-3-chloropropane (DBCP)		
	4585 1,2-Dibromoethane (EDB, Ethylene dibromide)		



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### Drinking Water

EPA Code	Method	Parameter	Method	Parameter
EPA 505.2.1		8880 Aroclor-1016 (PCB-1016)	10083406	Organohalide pesticides/PCBs (Drinking Water)
		8885 Aroclor-1221 (PCB-1221)		
		8890 Aroclor-1232 (PCB-1232)		
		8895 Aroclor-1242 (PCB-1242)		
		8900 Aroclor-1248 (PCB-1248)		
		8905 Aroclor-1254 (PCB-1254)		
		8910 Aroclor-1260 (PCB-1260)		
		7250 Chlordane (tech.)		
		8870 PCBs		
		8250 Toxaphene (Chlorinated camphene)		
EPA 515.3.1		8655 2,4,5-T	10088401	Chlorinated acids Liquid/Solid and GC/ECD
		8545 2,4-D		
		8560 2,4-DB		
		8600 3,5-Dichlorobenzoic acid		
		8505 Acifluorfen		
		8530 Bentazon		
		8540 Chloramben		
		8550 Dacthal (DCPA)		
		8555 Dalapon		
		8595 Dicamba		
		8605 Dichloroprop (Dichloroprop)		
		8620 Dinoseb (2-sec-butyl-4,6-dinitrophenol, DNBP)		
		6605 Pentachlorophenol		
		8645 Picloram		
		8650 Silvex (2,4,5-TP)		
EPA 522.1		4735 1,4-Dioxane (1,4-Diethyleneoxide)	10088570	1,4-Dioxane in Drinking Water by SPE and GC/MS SIM
EPA 524.2.4.1		5105 1,1,1,2-Tetrachloroethane	10088809	Volatile Organic Compounds GC/MS Capillary Column
		5160 1,1,1-Trichloroethane		
		5110 1,1,2,2-Tetrachloroethane		
		5165 1,1,2-Trichloroethane		
		7450 1,1-Dichloro-2-propanone		
		4630 1,1-Dichloroethane		
		4640 1,1-Dichloroethylene		
		4670 1,1-Dichloropropene		
		5150 1,2,3-Trichlorobenzene		
		5180 1,2,3-Trichloropropane		





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### Drinking Water

EPA 524.2 4.1

- 5155 1,2,4-Trichlorobenzene
- 5210 1,2,4-Trimethylbenzene
- 4610 1,2-Dichlorobenzene
- 4635 1,2-Dichloroethane (Ethylene dichloride)
- 4655 1,2-Dichloropropane
- 5215 1,3,5-Trimethylbenzene
- 4615 1,3-Dichlorobenzene
- 4660 1,3-Dichloropropane
- 4620 1,4-Dichlorobenzene
- 4480 1-Chlorobutane
- 4665 2,2-Dichloropropane
- 4410 2-Butanone (Methyl ethyl ketone, MEK)
- 4535 2-Chlorotoluene
- 4860 2-Hexanone (MBK)
- 5020 2-Nitropropane
- 4540 4-Chlorotoluene
- 4910 4-Isopropyltoluene (p-Cymene)
- 4995 4-Methyl-2-pentanone (MIBK)
- 4315 Acetone
- 4340 Acrylonitrile
- 4355 Allyl chloride (3-Chloropropene)
- 4375 Benzene
- 4385 Bromobenzene
- 4390 Bromochloromethane
- 4395 Bromodichloromethane
- 4400 Bromoform
- 4450 Carbon disulfide
- 4455 Carbon tetrachloride
- 4470 Chloroacetonitrile
- 4475 Chlorobenzene
- 4575 Chlorodibromomethane
- 4485 Chloroethane (Ethyl chloride)
- 4505 Chloroform
- 4645 cis-1,2-Dichloroethylene
- 4680 cis-1,3-Dichloropropene
- 4595 Dibromomethane (Methylene bromide)
- 4625 Dichlorodifluoromethane (Freon-12)
- 4725 Diethyl ether
- 4810 Ethyl methacrylate
- 4765 Ethylbenzene
- 4770 Ethyl-t-butylether (ETBE) (2-Ethoxy-2-methylpropane)
- 4835 Hexachlorobutadiene
- 4840 Hexachloroethane



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EPA 524.2 4.1	4870	Iodomethane (Methyl iodide)
	4900	Isopropylbenzene (Cumene)
	5240	m+p-xylene
	4925	Methacrylonitrile
	4945	Methyl acrylate
	4950	Methyl bromide (Bromomethane)
	4960	Methyl chloride (Chloromethane)
	4990	Methyl methacrylate
	5000	Methyl tert-butyl ether (MTBE)
	4975	Methylene chloride (Dichloromethane)
	5005	Naphthalene
	4435	n-Butylbenzene
	5015	Nitrobenzene
	5090	n-Propylbenzene
	5250	o-Xylene
	5035	Pentachloroethane
	5080	Propionitrile (Ethyl cyanide)
	4440	sec-Butylbenzene
	5100	Styrene
	4370	T-amylmethylether (TAME)
	4420	tert-Butyl alcohol
	4445	tert-Butylbenzene
	5115	Tetrachloroethylene (Perchloroethylene)
	5120	Tetrahydrofuran (THF)
	5140	Toluene
	5205	Total trihalomethanes
	4700	trans-1,2-Dichloroethylene
	4685	trans-1,3-Dichloropropylene
	4605	trans-1,4-Dichloro-2-butene
	5170	Trichloroethene (Trichloroethylene)
	5175	Trichlorofluoromethane (Fluorotrichloromethane, Freon 11)
	5235	Vinyl chloride
	5260	Xylene (total)

EPA 524.3

10089302

EPA Method 524.3

5180	1,2,3-Trichloropropane
4570	1,2-Dibromo-3-chloropropane (DBCP)
4585	1,2-Dibromoethane (EDB, Ethylene dibromide)
4395	Bromodichloromethane
4400	Bromoform
4575	Chlorodibromomethane
4505	Chloroform
5205	Total trihalomethanes



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### Drinking Water

EPA 525.2 2

10090003

Semi-Volatile by SPE extraction and GC/MS

- 7355 4,4'-DDD
- 7360 4,4'-DDE
- 7365 4,4'-DDT
- 5500 Acenaphthene
- 5505 Acenaphthylene
- 7005 Alachlor
- 7025 Aldrin
- 5555 Anthracene
- 7065 Atrazine
- 5575 Benzo(a)anthracene
- 5580 Benzo(a)pyrene
- 5590 Benzo(g,h,i)perylene
- 5600 Benzo(k)fluoranthene
- 5585 Benzo[b]fluoranthene
- 6062 bis(2-Ethylhexyl)adipate
- 7130 Bromacil
- 7160 Butachlor
- 5670 Butyl benzyl phthalate
- 7310 Chlorthalonil (Daconil)
- 5855 Chrysene
- 6065 Di(2-ethylhexyl) phthalate (bis(2-Ethylhexyl)phthalate, DEHP)
- 5895 Dibenz(a,h) anthracene
- 7470 Dieldrin
- 6070 Diethyl phthalate
- 6135 Dimethyl phthalate
- 5925 Di-n-butyl phthalate
- 7540 Endrin
- 7555 EPTC (Eptam, s-ethyl-dipropyl thio carbamate)
- 6270 Fluorene
- 7120 gamma-BHC (Lindane, gamma-Hexachlorocyclohexane)
- 7685 Heptachlor
- 7690 Heptachlor epoxide
- 6275 Hexachlorobenzene
- 6285 Hexachlorocyclopentadiene
- 6315 Indeno(1,2,3-cd) pyrene
- 7810 Methoxychlor
- 7835 Metolachlor
- 7845 Metribuzin
- 7875 Molinate
- 6615 Phenanthrene



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### Drinking Water

EPA 525.2 2	8040	Prometryn	
	8045	Propachlor (Ramrod)	
	6665	Pyrene	
	8125	Simazine	
	8180	Terbacil	
	8220	Thiobencarb	
	8295	Trifluralin (Treflan)	
EPA 531.2 1	10091302	Carbamate Pesticides by Post-column Derivatization HPLC/Fluorescence	
	7710	3-Hydroxycarbofuran	
	7010	Aldicarb (Temik)	
	7015	Aldicarb sulfone	
	7020	Aldicarb sulfoxide	
	7195	Carbaryl (Sevin)	
	7205	Carbofuran (Furaden)	
	7800	Methiocarb (Mesurol)	
	7805	Methomyl (Lannate)	
	7940	Oxamyl	
	8080	Propoxur (Baygon)	
EPA 533	10091619	Determination of Per- and Polyfluoroalkyl Substances in Drinking Water by Istopse Dilution Anion Exchange Solid Phase Extraction and Liquid Chromatography/Tandem Mass Spectrometry	
	9490	11-chloreicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	
	6951	4,8-dioxa-3H-perfluorononanoic acid (ADONA)	
	6946	4:2 Fluorotelomersulfonic acid (4:2 FTS)	
	6947	6:2 Fluorotelomersulfonic acid	
	6948	8:2 Fluorotelomersulfonic acid (8:2 FTS)	
	6952	9-chlorohexadecafluoro-3-oxanone-1-sulfonic acid (9Cl-PF3ONS)	
	9460	Hexafluoropropylene oxide dimer acid (HFPO-DA)	
	6956	Nonfluoro-3,6-dioxaheptanoic acid (NFDHA)	
	6957	Perfluoro(2-ethoxyethane) sulfonic acid (PFEEESA)	
	6965	Perfluoro-3-methoxypropanoic acid (PFMPA)	
	6966	Perfluoro-4-methoxybutanoic acid (PFMBA)	
	6918	Perfluorobutane sulfonic acid (PFBS)	
	6915	Perfluorobutanoic acid (PFBA)	
	6905	Perfluorodecanoic acid (PFDA)	
	6903	Perfluorododecanoic acid (PFDoA)	



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EPA 533	9470	Perfluoroheptane sulfonic acid (PFHpS)	
	6908	Perfluoroheptanoic acid (PFHpA)	
	6927	Perfluorohexane sulfonic acid (PFHxS)	
	6913	Perfluorohexanoic acid (PFHxA)	
	6906	Perfluorononanoic acid (PFNA)	
	6931	Perfluorooctane sulfonic acid (PFOS)	
	6912	Perfluorooctanoic acid (PFOA)	
	6934	Perfluoropentane sulfonic acid (PFPeS)	
	6914	Perfluoropentanoic acid (PFPeA)	
	6904	Perfluoroundecanoic acid (PFUnA)	
EPA 537 1.1	10091675	Perfluorinated Alkyl Acids in Drinking Water by SPE and LC/MS/MS	
	4846	N-Ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	
	4847	N-Methyl perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)	
	6918	Perfluorobutane sulfonic acid (PFBS)	
	6905	Perfluorodecanoic acid (PFDA)	
	6903	Perfluorododecanoic acid (PFDoA)	
	6908	Perfluoroheptanoic acid (PFHpA)	
	6927	Perfluorohexane sulfonic acid (PFHxS)	
	6913	Perfluorohexanoic acid (PFHxA)	
	6906	Perfluorononanoic acid (PFNA)	
	6931	Perfluorooctane sulfonic acid (PFOS)	
	6912	Perfluorooctanoic acid (PFOA)	
	6902	Perfluorotetradecanoic acid (PFTA)	
	9563	Perfluorotridecanoic acid (PFTrDA)	
	6904	Perfluoroundecanoic acid (PFUnA)	
EPA 537.1 1.0	10091642	Per- and Polyfluorinated Alkyl Substances in Drinking Water by LC/MS/MS	
	9490	11-chloreicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	
	6951	4,8-dioxa-3H-perfluorononanoic acid (ADONA)	
	6952	9-chlorohexadecafluoro-3-oxanone-1-sulfonic acid (9Cl-PF3ONS)	
	9460	Hexafluoropropylene oxide dimer acid (HFPO-DA)	
	4846	N-Ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	
	4847	N-Methyl perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)	
	6918	Perfluorobutane sulfonic acid (PFBS)	



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EPA 537.1 1.0	6905	Perfluorodecanoic acid (PFDA)		
	6903	Perfluorododecanoic acid (PFDoA)		
	6908	Perfluoroheptanoic acid (PFHpA)		
	6927	Perfluorohexane sulfonic acid (PFHxS)		
	6913	Perfluorohexanoic acid (PFHxA)		
	6906	Perfluorononanoic acid (PFNA)		
	6931	Perfluorooctane sulfonic acid (PFOS)		
	6912	Perfluorooctanoic acid (PFOA)		
	6902	Perfluorotetradecanoic acid (PFTA)		
	9563	Perfluorotridecanoic acid (PFTTrDA)		
	6904	Perfluoroundecanoic acid (PFUnA)		
EPA 547			10092009	Glyphosate by Direct Aqueous Injection by Post-column Derivatization and HPLC/Fluorescence
	9411	Glyphosate		
EPA 548.1 1			10092805	Endothall by Ion Exchange, Methylation and GC/MS
	7525	Endothall		
EPA 549.2 1			10093400	Diquat/Paraquat by Liquid/Liquid Extraction and HPLC/UV-VIS
	9390	Diquat		
	9528	Paraquat		
EPA 551.1 1			10094801	Chlorination Disinfection Byproducts, Liquid/Liquid Extraction and GC/ECD
	5190	1,1,1-Trichloro-2-propanone		
	7450	1,1-Dichloro-2-propanone		
	7140	Bromochloroacetonitrile		
	4395	Bromodichloromethane		
	4400	Bromoform		
	4460	Chloral hydrate		
	4575	Chlorodibromomethane		
	4505	Chloroform		
	7270	Chloropicrin		
	7420	Dibromoacetonitrile		
	7440	Dichloroacetonitrile		
	5205	Total trihalomethanes		
	8270	Trichloroacetonitrile		
EPA 552.2 1			10095804	Haloacetic Acid/Dalapon, Liquid/Liquid Extraction, Derivatization and GC/ECD
	9312	Bromoacetic acid		
	9315	Bromochloroacetic acid		
	8535	Bromodichloroacetic acid(BDCAA)		
	9336	Chloroacetic acid		
	9339	Chlorodibromoacetic acid(CDBAA)		
	9357	Dibromoacetic acid		



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EPA 552.2 1	9360	Dichloroacetic acid	
	9414	Total haloacetic acids	
	9639	Tribromoacetic acid (TBAA)	
	9642	Trichloroacetic acid	
EPA 552.3 1	10239608	Haloacetic Acid/Dalapon, Microextraction, Derivatization and GC/ECD	
	9312	Bromoacetic acid	
	9315	Bromochloroacetic acid	
	8535	Bromodichloroacetic acid(BDCAA)	
	9336	Chloroacetic acid	
	9339	Chlorodibromoacetic acid(CDBAA)	
	9357	Dibromoacetic acid	
	9360	Dichloroacetic acid	
	9414	Total haloacetic acids	
	9639	Tribromoacetic acid (TBAA)	
	9642	Trichloroacetic acid	
EPA 556 1	10097004	Determination of Carbonyl Compounds in Drinking Water by Pentafluorobenzylhydroxylamine Derivatization and Capillary Gas Chromatography with Electron Capture Detection	
	4300	Acetaldehyde	
	5570	Benzaldehyde	
	4430	Butylaldehyde (Butanal)	
	4545	Crotonaldehyde	
	4560	Cyclohexanone	
	4565	Decanal	
	4815	Formaldehyde	
	9413	Glyoxal	
	4820	Heptanal	
	3825	Hexanaldehyde (Hexanal)	
	7266	Methyl glyoxal	
	9525	n-Octaldehyde (Octanal)	
	6575	Nonanal	
	6935	Propanal (Propionaldehyde)	
	4040	Valeraldehyde (Pentanal, Pentanaldehyde)	
EPA 906	10114008	Tritium	
	3030	Tritium	
NJ ECLS-R-GA 8	90014394	NJ Environmental and Clinical Laboratory Services 48 Hour Rapid Gross Alpha Test	
	2830	Gross-alpha	



# OREGON

## Environmental Laboratory Accreditation Program

### ORELAP Fields of Accreditation

ORELAP ID: 4074



Eurofins Eaton Analytical, LLC

EPA CODE: IN00035

110 South Hill Street

Certificate: 4074 - 012

South Bend, IN 46617

Issue Date: 5/5/2020 Expiration Date: 9/16/2020

**As of 5/5/2020 this list supersedes all previous lists for this certificate number.**

Method	Parameter	Method Number	Method Description
<b>Drinking Water</b>	SM 2120 B 22nd Ed	20039014	Color - Visual Comparison Method
	1605	Color	
	SM 2320 B 22nd Ed	20045414	Alkalinity by Titration
	1505	Alkalinity as CaCO <sub>3</sub>	
	1615	Corrosivity	
	SM 2330 B 22nd Ed	20003365	Calcium Carbonate Indices
	1615	Corrosivity	
	SM 2340 B 22nd Ed	20046417	Hardness - Hardness by Calculation
	1550	Calcium hardness as CaCO <sub>3</sub>	
	1760	Hardness (calc.)	
	1804	Magnesium Hardness	
	1755	Total hardness as CaCO <sub>3</sub>	
	SM 2510 B 22nd Ed	20048413	Conductivity by Probe
	1610	Conductivity	
	SM 2540 C 22nd Ed	20050424	Total Dissolved Solids Dried at 180 deg C
1955	Residue-filterable (TDS)		
SM 4500-Cl G 22nd Ed	20081418	Chlorine (Residual) - DPD Colorimetric Method	
1945	Residual free chlorine		
1940	Total residual chlorine		
SM 4500-F C 22nd Ed	20102210	Fluoride by Ion Selective Electrode	
1730	Fluoride		
SM 4500-P E 22nd Ed	20124010	Phosphorus - Ascorbic Acid Method	
1870	Orthophosphate as P		
SM 5310 C 22nd Ed	20138618	Total Organic Carbon (TOC) - Persulfate-Ultraviolet or Heated-Persulfate Oxidation Method	
1710	Dissolved organic carbon (DOC)		
2040	Total organic carbon		
SM 5910 B 22nd Ed	20146218	UV-Absorbing Organic Constituents - Ultraviolet Absorption Method	
2060	UV 254		
SM 7110 B (GPC) 22nd Ed	20156814	Gross alpha/beta by Evaporation by Proportional Counts	
2830	Gross-alpha		
2840	Gross-beta		
SM 7110 C (GPC) 22nd Ed	20158810	Gross alpha by Coprecipitation	
2830	Gross-alpha		
SM 7500-Ra B (GPC) 22nd Ed	20170416	Radium - Precipitation Method	
2965	Radium-226		





# OREGON

## Environmental Laboratory Accreditation Program



### ORELAP Fields of Accreditation

ORELAP ID: 4074

Eurofins Eaton Analytical, LLC

EPA CODE: IN00035

110 South Hill Street

Certificate: 4074 - 012

South Bend, IN 46617

Issue Date: 5/5/2020 Expiration Date: 9/16/2020

**As of 5/5/2020 this list supersedes all previous lists for this certificate number.**

### Drinking Water

SM 7500-Ra D 22nd Ed	2970	Radium-228	20173415	Radium by Sequential Precipitation Method
SM 7500-Rn B 22nd ED	2980	Radon-222	20173733	Radon by Liquid Scintillation Method
SM 9215 E SimPlate®	2555	Heterotrophic plate count	20185302	Fluorogenic Quantitative (SimPlate®): Heterotrophic Bacteria
SM 9223 B (Colilert Quanti-Tray)-2004 22nd Ed	2525	Escherichia coli	20211614	Enzyme Substrate Coliform Test (Colilert Quanti-Tray)
	2500	Total coliforms		
SM 9223 B (Colilert) 22nd Ed	2525	Escherichia coli	20212413	Enzyme Substrate Coliform Test (Colilert) P/A
	2500	Total coliforms		
SM 9223 B (Colilert-18) 22nd Ed	2525	Escherichia coli	20214419	Enzyme Substrate Coliform Test (Colilert-18)
	2500	Total coliforms		
SM 9223 B (Colisure) 22nd Ed	2525	Escherichia coli	20231612	Enzyme Substrate Coliform Test (Colisure)
	2500	Total coliforms		

### Non-Potable Water

EPA 1623	2510	Cryptosporidia	10236609	Filtration/IMS/FA: Cryptosporidium and Giardia
	2545	Giardia		



GRETCHEN WHITMER  
GOVERNOR

STATE OF MICHIGAN  
DEPARTMENT OF ENVIRONMENTAL QUALITY  
LANSING



LIESL EICHLER CLARK  
DIRECTOR

April 9, 2019

Mr. Fred Haley  
Eurofins Eaton Analytical, Inc. – Monrovia  
750 Royal Oaks Drive, Suite 100  
Monrovia, CA 91016-3629

Laboratory No: 9906  
Effective Date: 04/09/2019

Dear Mr. Haley:

SUBJECT: Recognition of Certification for Radiological Testing

Eurofins Eaton Analytical, Inc. – Monrovia certification status with the California Department of Public Health, Environmental Laboratory Accreditation Program and other information submitted to this office by your laboratory has been reviewed. Based on this information, the Michigan Department of Environmental Quality (DEQ) will recognize results generated by your facility for the radiochemistry parameters listed on your certification from the California Department of Public Health, Environmental Laboratory Accreditation Program.

Please note the State of Michigan does not certify laboratories for radiochemistry analyses. This letter only serves as recognition of your facility, so you may analyze drinking water samples originating in the State of Michigan. To maintain recognition status, you must continue to comply with all the requirements of your certification for radiochemistry analysis from the California Department of Public Health, Environmental Laboratory Accreditation Program. In addition, your laboratory's recognition status in Michigan is contingent on your laboratory submitting to this office acceptable proficiency test sample results per year for each method/analyte combination which recognition is sought.

This recognition will expire on February 1, 2021. Once the laboratory has completed the certification process with the California Department of Public Health, Environmental Laboratory Accreditation Program forward a copy of any on-site assessment reports issued with the Laboratory's corrective action reply and any radiological certifications issued. An updated letter will be issued from this office at that time. If you have questions or comments regarding this information, please contact me by phone at 517-335-9219 or by email at [lundyg@michigan.gov](mailto:lundyg@michigan.gov).

Sincerely,

Gregg A. Lundy  
Laboratory Certification Officer  
Laboratory Services Section  
Remediation and Redevelopment Division

GL/lsh

CC: California Department of Public Health, Environmental Laboratory Accreditation Program



GRETCHEN WHITMER  
GOVERNOR

STATE OF MICHIGAN  
DEPARTMENT OF ENVIRONMENTAL QUALITY  
LANSING



LIESL EICHLER CLARK  
DIRECTOR

April 9, 2019

Mr. Fred Haley  
Eurofins Eaton Analytical, LLC – Monrovia  
750 Royal Oaks Drive, Suite 100  
Monrovia, CA 91016-3629

Laboratory No: 9906  
Effective Date: 02/01/2019

Dear Mr. Haley:

SUBJECT: Reciprocal Certification

The information supplied to this office by the California Department of Public Health and your laboratory has been reviewed. Based on the California certification of Eurofins Eaton Analytical, LLC, Monrovia, the Michigan Department of Environmental Quality (DEQ) will accept the results generated by your facility for compliance monitoring under the Safe Drinking Water Act, 1976 PA 399, as amended. The results that will be accepted are for the following contaminants and certification levels:

**Microbiology**

Certified Parameters:

Heterotrophic Plate Count (via Standard Methods, 22<sup>nd</sup> Edition, Method 9215B)  
Total Coliform and E.coli (via Standard Methods, 22<sup>nd</sup> Edition, Method 9223B)  
Enumeration of Total Coliform via (Standard Methods, 22<sup>nd</sup> Edition, Method 9221B)  
Enumeration of Total Coliform (via Standard Methods, 22<sup>nd</sup> Edition, Method 9223B, Multiple Well)  
Enumeration of Fecal Coliform via (Standard Methods, 22<sup>nd</sup> Edition, Method 9221E)  
Enumeration of E. coli via (Standard Methods, 22<sup>nd</sup> Edition, Method 9221F)  
Enumeration of E.coli (via Standard Methods, 22<sup>nd</sup> Edition, Method 9223B, Multiple Well)

**Inorganic Chemistry**

Certified Parameters:

Asbestos (via U.S. EPA Method 100.2)  
Barium, Beryllium, Cadmium, Calcium, Chromium, Copper, Magnesium, Nickel, Potassium and Sodium (via U.S. EPA Method 200.7)  
Antimony, Arsenic, Barium, Beryllium, Cadmium, Chromium, Copper, Lead, Nickel, Selenium, Thallium and Uranium (via U.S. EPA Method 200.8)  
Mercury (via U.S. EPA Method 245.1)  
Fluoride (via Standard Methods, 22<sup>nd</sup> Edition, Method 4500F-C)  
Nitrate, Nitrite and Nitrate+Nitrite (via U.S. EPA Method 353.2)  
Bromide, Chloride, Chlorate, Chlorite, Nitrate, Nitrite, Nitrate+Nitrite and Sulfate (via U.S. EPA Method 300.0)  
Bromate, Bromide, Chlorate, Chlorite and Nitrite (via U.S. EPA Method 300.1)  
Perchlorate (via U.S. EPA Method 314.0 and 331.0)  
Bromate (via U.S. EPA Method 317.0)  
Ortho Phosphate as P (via EPA Method 365.1 and Standard Methods, 22<sup>nd</sup> Edition, Method 4500P-E)

Mr. Fred Haley  
Eurofins Eaton Analytical, LLC – Monrovia  
Page 2  
April 9, 2019

### **Inorganic Chemistry**

Certified Parameters:

Cyanide (via Standard Methods, 22<sup>nd</sup> Edition, Method 4500-CN F&G)  
Cyanide (via U.S. EPA Method 335.4)  
TOC (via Standard Methods, 22<sup>nd</sup> Edition, Method 5310 C)

### **Organic Chemistry**

Certified Parameters:

EDB and DBCP (via U.S. EPA Method 504.1)  
Alachlor, Aldrin, Chlordane, Dieldrin, Endrin, Heptachlor, Heptachlor Epoxide, Lindane, Methoxychlor, PCBs as Aroclors (screen), and Toxaphene (via U.S. EPA Method 505)  
2,4-D, 2,4,5-TP, Dalapon, Dinoseb, Dicamba, Pentachlorophenol, and Picloram, (via U.S. EPA Methods 515.4)  
Total Trihalomethanes (TTHMs), Regulated and Unregulated Volatile Organic Chemicals (via U.S. EPA Method 524.2)  
Total Trihalomethanes (TTHMs), EDB and DBCP (via U.S. EPA Method 551.1)  
Alachlor, Aldrin, Atrazine, Benzo(a)pyrene, Butachlor, Chlordane, Di(2-ethylhexyl)adipate, Di(2-ethylhexyl)phthalate, Dieldrin, Endrin, Heptachlor, Heptachlor Epoxide, Hexachlorobenzene, Hexachlorocyclopentadiene, Lindane, Methoxychlor, Metolachlor, Metribuzin, Propachlor, and Simazine (via U.S. EPA Method 525.2)  
Aldicarb, Aldicarb Sulfone, Aldicarb Sulfoxide, Carbofuran, 3-Hydroxycarbofuran, Carbaryl, Oxamyl, and Methomyl (via U.S. EPA Method 531.2)  
Glyphosate (via U.S. EPA Method 547)  
Endothall (via U.S. EPA Method 548.1)  
Diquat (via U.S. EPA Method 549.2)  
Haloacetic Acids (HAA5) (via Standard Methods, 22<sup>nd</sup> Edition, Method 6251B)  
Haloacetic Acids (HAA5) (via U.S. EPA Method 552.3)  
2,3,7,8-TCDD (Dioxin) (via U.S. EPA Method 1613)

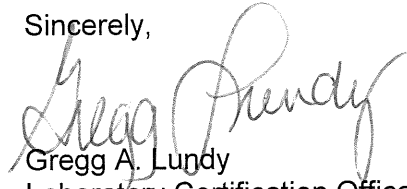
Our acceptance of the results and certification of Eurofins Eaton Analytical, LLC – Monrovia is contingent on your continued certification by the State of California Department of Public Health. In addition, your laboratory's certification in Michigan is contingent on your laboratory submitting to this office at least one full set of acceptable proficiency test results per year throughout the certification period and the results of any on-site inspections conducted by the State of California or its agents.

**Our certification of your facility will expire on March 17, 2020. Your certification fees are paid until March 17, 2020. Please forward your certificates and on-site inspection report once you renew your certification in your home state. You will be reissued reciprocal certification for the State of Michigan without charge until the expiration date of your home state exceeds the “Fees Paid to Date” on your Michigan certification. Seven months in advance of your “Fees Paid to Date” you will be sent a certification renewal package and assessed the fee for the upcoming three-year period. Certification fees are non-refundable.**

Mr. Fred Haley  
Eurofins Eaton Analytical, LLC – Monrovia  
Page 1  
April 9, 2019

If you have questions regarding this information, please contact me by phone at 517-335-9219 or by email at lundyg@michigan.gov.

Sincerely,



Gregg A. Lundy  
Laboratory Certification Officer  
Laboratory Services Section  
Remediation and Redevelopment Division

GL/lsh

Enclosures

CC: CA Department of Public Health, Environmental Laboratory Accreditation Program

**State of Michigan  
Department of Environmental Quality  
Remediation & Redevelopment Division**



CERTIFIES:

**EUROFINS EATON ANALYTICAL, INC  
MONROVIA**

**HAS BEEN EVALUATED AND IS APPROVED FOR THE FOLLOWING  
PARAMETERS FOR THE ANALYSIS OF DRINKING WATER:**

FULL CERTIFICATION

MICROBIOLOGY

Total Coliform and E.coli  
Enumeration of E.coli  
Heterotrophic Bacteria

**This certification requires maintenance of an acceptable quality assurance  
program, use of approved methodology and equipment,  
and satisfactory performance on evaluation samples.  
This certification does not guarantee validity of data generated.**



March 17, 2020  
\_\_\_\_\_  
Expiration Date

March 17, 2020  
\_\_\_\_\_  
Fees Paid To Date

February 1, 2019  
\_\_\_\_\_  
Effective Date

  
\_\_\_\_\_  
Laboratory Certification Officer

9906  
\_\_\_\_\_  
Laboratory Number

**State of Michigan  
Department of Environmental Quality  
Remediation & Redevelopment Division**



CERTIFIES:

**EUROFINS EATON ANALYTICAL, INC  
MONROVIA**

**HAS BEEN EVALUATED AND IS APPROVED FOR THE FOLLOWING  
PARAMETERS FOR THE ANALYSIS OF DRINKING WATER:**

FULL CERTIFICATION

**INORGANIC CHEMISTRY**

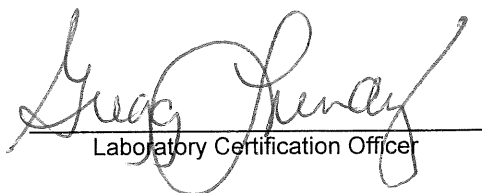
Antimony, Arsenic, Asbestos, Barium, Beryllium, Bromate  
Bromide, Cadmium, Calcium, Chloride, Chlorate, Chlorite  
Chromium, Copper, Cyanide, Fluoride, Lead, Magnesium, Mercury  
Nickel, Nitrate, Nitrite, Nitrate + Nitrite, Orthophosphate, Perchlorate, Potassium  
Selenium, Sodium, Sulfate, Thallium, Total Organic Carbon, Uranium

**This certification requires maintenance of an acceptable quality assurance  
program, use of approved methodology and equipment,  
and satisfactory performance on evaluation samples.  
This certification does not guarantee validity of data generated.**



March 17, 2020

Expiration Date



Laboratory Certification Officer

March 17, 2020

Fees Paid To Date

February 1, 2019

Effective Date

9906

Laboratory Number

**State of Michigan**  
**Department of Environmental Quality**  
**Remediation & Redevelopment Division**



CERTIFIES:  
**EUROFINS EATON ANALYTICAL, INC**  
**MONROVIA**

**HAS BEEN EVALUATED AND IS APPROVED FOR THE FOLLOWING  
PARAMETERS FOR THE ANALYSIS OF DRINKING WATER:**

**FULL CERTIFICATION**  
**ORGANIC CHEMISTRY**

2,3,7,8-TCDD (Dioxin), 2,4,5-TP, 2,4-D, 3-Hydroxycarbofuran, Alachlor,  
Aldicarb, Aldicarb Sulfone, Aldicarb Sulfoxide, Aldrin, Atrazine, Benzo(a)pyrene,  
Butachlor, Carbaryl, Carbofuran, Chlordane, Dalapon, DBCP, Di(2-ethylhexyl)adipate,  
Di(2-ethylhexyl)phthalate, Dicamba, Dieldrin, Dinoseb, Diquat, EDB, Endothall,  
Endrin, Glyphosate, Haloacetic Acids, Heptachlor, Heptachlor Epoxide, Hexachlorobenzene,  
Hexachlorocyclopentadiene, Lindane, Methomyl, Methoxychlor, Metolachlor,  
Metribuzin, Oxamyl, PCBs as Arochlors, Pentachlorophenol, Picloram,  
Propachlor, Regulated and Unregulated Volatile Organic Chemicals  
Simazine, Total Trihalomethanes, Toxaphene

**This certification requires maintenance of an acceptable quality assurance  
program, use of approved methodology and equipment,  
and satisfactory performance on evaluation samples.**  
**This certification does not guarantee validity of data generated.**



March 17, 2020

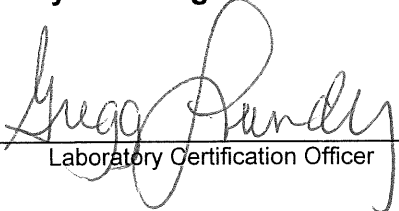
Expiration Date

March 17, 2020

Fees Paid To Date

February 1, 2019

Effective Date

  
Laboratory Certification Officer

9906

Laboratory Number



# State of Utah

Department of Health

Environmental Laboratory Certification Program

*Certification is hereby granted to*

Eurofins Eaton Analytical, LLC - Monrovia

750 Royal Oaks Drive Ste 100  
Monrovia, CA 91016

*Has conformed with the  
2009 TNI Standard*

*Scope of accreditation is limited to the  
State of Utah accredited fields that accompany  
this Certificate*

EPA Number: CA00006

Expiration Date: 1/31/2021

Certificate Number: CA000062020-18



Robyn M. Atkinson, Ph.D, HCLD  
Director, Utah Public Health Laboratory



*Continued accredited status depends on successful ongoing participation in the program.*





State of Utah  
 Gary R. Herbert  
 Governor  
 Spencer J. Cox  
 Lieutenant Governor

**Utah Department of Health**

Dr. Joseph K. Miner  
 Executive Director

**Division of Disease Control and Prevention**

Robyn M. Atkinson, Ph.D, HCLD  
 Director, Utah Public Health Laboratory



**EPA Number: CA00006**

**Attachment to Certificate Number: CA000062020-18**

Page 1 of 16

Eurofins Eaton Analytical, LLC - Monrovia

**Start Date Expires AB**

**Program/Matrix: CWA (Non Potable Water)**

**Method Enterolert®**

Enterococci 01/01/18 01/31/21 UT

**Method Enzyme Substrate Coliform Test (Colisure®)**

Escherichia coli 01/01/18 01/31/21 UT

Total coliforms 01/01/18 01/31/21 UT

**Method EPA 100.2**

Asbestos 01/01/18 01/31/21 UT

**Method EPA 120.1**

Conductivity 01/01/18 01/31/21 UT

**Method EPA 160.4**

Residue-volatile 01/01/18 01/31/21 UT

**Method EPA 180.1**

Turbidity 01/01/18 01/31/21 UT

**Method EPA 200.7**

Aluminum 01/01/18 01/31/21 UT

Antimony 01/01/18 01/31/21 UT

Barium 01/01/18 01/31/21 UT

Beryllium 01/01/18 01/31/21 UT

Boron 01/01/18 01/31/21 UT

Cadmium 01/01/18 01/31/21 UT

Calcium 01/01/18 01/31/21 UT

Chromium 01/01/18 01/31/21 UT

Cobalt 01/01/18 01/31/21 UT

Copper 01/01/18 01/31/21 UT

Iron 01/01/18 01/31/21 UT

Lead 01/01/18 01/31/21 UT

Magnesium 01/01/18 01/31/21 UT

Manganese 01/01/18 01/31/21 UT

Molybdenum 01/01/18 01/31/21 UT

Nickel 01/01/18 01/31/21 UT

Potassium 01/01/18 01/31/21 UT

Silica as SiO2 01/01/18 01/31/21 UT

Silver 01/01/18 01/31/21 UT

Sodium 01/01/18 01/31/21 UT

Strontium 01/01/18 01/31/21 UT



Eurofins Eaton Analytical, LLC - Monrovia

Start Date Expires AB

**Program/Matrix: CWA (Non Potable Water)**

Thallium	01/01/18	01/31/21	UT
Tin	01/01/18	01/31/21	UT
Titanium	01/01/18	01/31/21	UT
Total hardness as CaCO3	01/01/18	01/31/21	UT
Vanadium	01/01/18	01/31/21	UT
Zinc	01/01/18	01/31/21	UT

**Method EPA 200.8**

Aluminum	01/01/18	01/31/21	UT
Antimony	01/01/18	01/31/21	UT
Arsenic	01/01/18	01/31/21	UT
Barium	01/01/18	01/31/21	UT
Beryllium	01/01/18	01/31/21	UT
Cadmium	01/01/18	01/31/21	UT
Chromium	01/01/18	01/31/21	UT
Cobalt	01/01/18	01/31/21	UT
Copper	01/01/18	01/31/21	UT
Lead	01/01/18	01/31/21	UT
Manganese	01/01/18	01/31/21	UT
Molybdenum	01/01/18	01/31/21	UT
Nickel	01/01/18	01/31/21	UT
Selenium	01/01/18	01/31/21	UT
Silver	01/01/18	01/31/21	UT
Thallium	01/01/18	01/31/21	UT
Tin	01/01/18	01/31/21	UT
Titanium	01/01/18	01/31/21	UT
Vanadium	01/01/18	01/31/21	UT
Zinc	01/01/18	01/31/21	UT

**Method EPA 218.6**

Chromium VI	01/01/18	01/31/21	UT
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**Method EPA 300.0**

Bromide	01/01/18	01/31/21	UT
Chloride	01/01/18	01/31/21	UT
Nitrate as N	01/01/18	01/31/21	UT
Nitrate-nitrite	01/01/18	01/31/21	UT
Nitrite as N	01/01/18	01/31/21	UT
Sulfate	01/01/18	01/31/21	UT

**Method EPA 314**

Perchlorate	01/01/18	01/31/21	UT
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**Method EPA 331.0**

Perchlorate	01/01/18	01/31/21	UT
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**Method EPA 335.4**

Total cyanide	01/01/18	01/31/21	UT
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**Method EPA 350.1**

Ammonia as N	01/01/18	01/31/21	UT
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**Method EPA 351.2**

Kjeldahl Nitrogen (Total Kjeldahl Nitrogen-TKN)	01/01/18	01/31/21	UT
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Eurofins Eaton Analytical, LLC - Monrovia

Start Date Expires AB

**Program/Matrix: CWA (Non Potable Water)****Method EPA 353.2**

Nitrate as N	01/01/18	01/31/21	UT
Nitrate-nitrite	01/01/18	01/31/21	UT
Nitrite as N	01/01/18	01/31/21	UT

**Method EPA 365.1**

Orthophosphate as P	01/01/18	01/31/21	UT
Phosphorus, total	01/01/18	01/31/21	UT

**Method EPA 410.4**

Chemical oxygen demand	01/01/18	01/31/21	UT
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**Method EPA 420.1**

Total phenolics	01/01/18	01/31/21	UT
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**Method EPA 420.4**

Total phenolics	01/01/18	01/31/21	UT
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**Method EPA 522**

1,4-Dioxane (1,4- Diethyleneoxide)	01/01/18	01/31/21	UT
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**Method EPA 900.0 (GPC)**

Gross-alpha	01/01/18	01/31/21	UT
Gross-beta	01/01/18	01/31/21	UT

**Method Legionella pneumophila in water**

Legionella pneumophila	09/04/18	01/31/21	UT
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**Method Multiple Tube Fermentation Qualitative (LTB): Total Coliform**

Total coliforms	01/06/20	01/31/21	UT
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**Method SM 2120 B-2011**

Color	01/01/18	01/31/21	UT
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**Method SM 2150 B-2011**

Odor	01/06/20	01/31/21	UT
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**Method SM 2320 B-2011**

Alkalinity as CaCO <sub>3</sub>	01/01/18	01/31/21	UT
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**Method SM 2340 B-2011**

Total hardness as CaCO <sub>3</sub>	01/01/18	01/31/21	UT
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**Method SM 2340 C-2011**

Calcium hardness as CaCO <sub>3</sub>	02/04/20	01/31/21	UT
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**Method SM 2510 B-2011**

Conductivity	01/01/18	01/31/21	UT
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**Method SM 2540 B-2011**

Residue-total	01/01/18	01/31/21	UT
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**Method SM 2540 C-2011**

Residue-filterable (TDS)	01/01/18	01/31/21	UT
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**Method SM 2540 D-2011**

Residue-nonfilterable (TSS)	01/01/18	01/31/21	UT
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**Method SM 2540 E-2011**

Residue-volatile	01/01/18	01/31/21	UT
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**Method SM 2540 F-1997**

Residue-settleable	01/01/18	01/31/21	UT
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Eurofins Eaton Analytical, LLC - Monrovia

Start Date Expires AB

**Program/Matrix: CWA (Non Potable Water)**

Method	Start Date	Expires	AB
<b>Method SM 3500-Cr B-2011</b> Chromium VI	01/01/18	01/31/21	UT
<b>Method SM 4500-Cl G-2011</b> Free chlorine	01/01/18	01/31/21	UT
Total chlorine	10/29/18	01/31/21	UT
Total residual chlorine	01/01/18	01/31/21	UT
<b>Method SM 4500-CN<sup>-</sup> F-2011</b> Total cyanide	01/01/18	01/31/21	UT
<b>Method SM 4500-CN<sup>-</sup> G-2011</b> Amenable cyanide	01/01/18	01/31/21	UT
<b>Method SM 4500-H+ B-2011</b> pH	01/01/18	01/31/21	UT
<b>Method SM 4500-NH3 H-2011</b> Ammonia as N	01/01/18	01/31/21	UT
<b>Method SM 4500-O G-2011</b> Oxygen, dissolved	01/01/18	01/31/21	UT
<b>Method SM 4500-P E-2011</b> Orthophosphate as P	01/01/18	01/31/21	UT
Phosphorus, total	01/01/18	01/31/21	UT
<b>Method SM 4500-S2<sup>-</sup> D-2011</b> Sulfide	01/01/18	01/31/21	UT
<b>Method SM 4500-SiO2 C-2011</b> Silica as SiO2	01/01/18	01/31/21	UT
<b>Method SM 5210 B-2011</b> Biochemical oxygen demand	01/01/18	01/31/21	UT
Carbonaceous BOD, CBOD	01/01/18	01/31/21	UT
<b>Method SM 5220 D-2011</b> Chemical oxygen demand	01/01/18	01/31/21	UT
<b>Method SM 5310 C-2011</b> Dissolved organic carbon (DOC)	01/01/18	01/31/21	UT
Total organic carbon	01/01/18	01/31/21	UT
<b>Method SM 5540 C-2011</b> Surfactants - MBAS	01/01/18	01/31/21	UT
<b>Method SM 9215 B (PCA)-2004</b> Heterotrophic plate count	01/01/18	01/31/21	UT
<b>Method SM 9221 B-2001</b> Total coliforms	02/04/20	01/31/21	UT
<b>Method SM 9221 E (EC)-2006</b> Fecal coliforms	02/04/20	01/31/21	UT
<b>Method SM 9221 F (EC MUG)</b> Escherichia coli	02/04/20	01/31/21	UT
<b>Method SM 9223 B (Colilert® Quanti-Tray®)</b> Escherichia coli	01/01/18	01/31/21	UT
Total coliforms	01/01/18	01/31/21	UT

**Program/Matrix: CWA (Non Potable Water)**

**Method SM 9223 B (Colilert®)**

Escherichia coli	01/01/18	01/31/21	UT
Total coliforms	01/01/18	01/31/21	UT

**Method SM 9223 B (Colilert®-18 Quanti-Tray®)**

Escherichia coli	01/01/18	01/31/21	UT
Total coliforms	01/01/18	01/31/21	UT

**Method SM 9230 B (NaCl)**

Enterococci	01/01/18	01/31/21	UT
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**Method SM 9230 B (PSE)**

Fecal streptococci	01/01/18	01/31/21	UT
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Eurofins Eaton Analytical, LLC - Monrovia

Start Date Expires AB

**Program/Matrix: SDWA (Potable Water)****Method ChlordioX Plus**

Method	Start Date	Expires	AB
Chlorine dioxide	09/04/18	01/31/21	UT
Chlorite	09/04/18	01/31/21	UT

**Method Cylindrospermopsin Plate by ELISA Procedure**

Method	Start Date	Expires	AB
Microcystin-LA (MC-LA)	09/04/18	01/31/21	UT
Microcystin-LF (MC-LF)	09/04/18	01/31/21	UT
Microcystin-LR (MC-LR)	09/04/18	01/31/21	UT
Microcystin-YR (MC-LY)	09/04/18	01/31/21	UT
Microcystin-YR (MC-RR)	09/04/18	01/31/21	UT
Microcystin-YR (MC-YR)	09/04/18	01/31/21	UT
Nodularin-R (NOD)	09/04/18	01/31/21	UT

**Method Disinfection By-Products Liquid/Liquid and GC/ECD**

Method	Start Date	Expires	AB
Total haloacetic acids	01/01/18	01/31/21	UT

**Method Enterolert®**

Method	Start Date	Expires	AB
Enterococci	01/01/18	01/31/21	UT

**Method EPA 100.2**

Method	Start Date	Expires	AB
Asbestos	01/01/18	01/31/21	UT

**Method EPA 150.1**

Method	Start Date	Expires	AB
pH	01/01/18	01/31/21	UT

**Method EPA 1613B**

Method	Start Date	Expires	AB
2,3,7,8-Tetrachlorodibenzo- p-dioxin (2,3,7,8-TCDD)	01/01/18	01/31/21	UT

**Method EPA 180.1**

Method	Start Date	Expires	AB
Turbidity	01/01/18	01/31/21	UT

**Method EPA 200.7**

Method	Start Date	Expires	AB
Aluminum	01/01/18	01/31/21	UT
Barium	01/01/18	01/31/21	UT
Beryllium	01/01/18	01/31/21	UT
Boron	01/01/18	01/31/21	UT
Cadmium	01/01/18	01/31/21	UT
Calcium	01/01/18	01/31/21	UT
Chromium	01/01/18	01/31/21	UT
Copper	01/01/18	01/31/21	UT
Iron	01/01/18	01/31/21	UT
Magnesium	01/01/18	01/31/21	UT
Manganese	01/01/18	01/31/21	UT
Molybdenum	01/01/18	01/31/21	UT
Nickel	01/01/18	01/31/21	UT
Potassium	01/01/18	01/31/21	UT
Silica as SiO <sub>2</sub>	01/01/18	01/31/21	UT
Silver	01/01/18	01/31/21	UT
Sodium	01/01/18	01/31/21	UT
Total hardness as CaCO <sub>3</sub>	01/01/18	01/31/21	UT
Vanadium	01/01/18	01/31/21	UT
Zinc	01/01/18	01/31/21	UT

**Method EPA 200.8**

Method	Start Date	Expires	AB
Aluminum	01/01/18	01/31/21	UT

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Start Date Expires AB

**Program/Matrix: SDWA (Potable Water)**

	Start Date	Expires	AB
Antimony	01/01/18	01/31/21	UT
Arsenic	01/01/18	01/31/21	UT
Barium	01/01/18	01/31/21	UT
Beryllium	01/01/18	01/31/21	UT
Cadmium	01/01/18	01/31/21	UT
Chromium	01/01/18	01/31/21	UT
Copper	01/01/18	01/31/21	UT
Lead	01/01/18	01/31/21	UT
Manganese	01/01/18	01/31/21	UT
Mercury	12/20/18	01/31/21	UT
Molybdenum	01/01/18	01/31/21	UT
Nickel	01/01/18	01/31/21	UT
Selenium	01/01/18	01/31/21	UT
Silver	01/01/18	01/31/21	UT
Thallium	01/01/18	01/31/21	UT
Uranium	01/01/18	01/31/21	UT
Vanadium	01/01/18	01/31/21	UT
Zinc	01/01/18	01/31/21	UT
<b>Method EPA 218.6</b>			
Chromium VI	01/01/18	01/31/21	UT
<b>Method EPA 218.7</b>			
Chromium VI	01/01/18	01/31/21	UT
<b>Method EPA 300.0</b>			
Bromide	01/01/18	01/31/21	UT
Chlorate	01/01/18	01/31/21	UT
Chloride	01/01/18	01/31/21	UT
Chlorite	01/01/18	01/31/21	UT
Nitrate as N	01/01/18	01/31/21	UT
Nitrate-nitrite	01/01/18	01/31/21	UT
Nitrite	01/01/18	01/31/21	UT
Nitrite as N	01/01/18	01/31/21	UT
Sulfate	01/01/18	01/31/21	UT
<b>Method EPA 300.1</b>			
Bromate	01/01/18	01/31/21	UT
Bromide	01/01/18	01/31/21	UT
Chlorate	01/01/18	01/31/21	UT
Nitrite as N	01/06/20	01/31/21	UT
<b>Method EPA 314</b>			
Perchlorate	01/01/18	01/31/21	UT
<b>Method EPA 317.0</b>			
Bromate	01/01/18	01/31/21	UT
<b>Method EPA 331.0</b>			
Perchlorate	01/01/18	01/31/21	UT
<b>Method EPA 335.4</b>			
Total cyanide	01/01/18	01/31/21	UT
<b>Method EPA 353.2</b>			



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Start Date Expires AB

**Program/Matrix: SDWA (Potable Water)**

Method	Start Date	Expires	AB
Nitrate as N	01/01/18	01/31/21	UT
Nitrate-nitrite	01/01/18	01/31/21	UT
Nitrite as N	01/01/18	01/31/21	UT

**Method EPA 365.1**

Orthophosphate as P	01/01/18	01/31/21	UT
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**Method EPA 504.1**

1,2,3-Trichloropropane	01/01/18	01/31/21	UT
1,2-Dibromo-3-chloropropane (DBCP)	01/01/18	01/31/21	UT
1,2-Dibromoethane (EDB, Ethylene dibromide)	01/01/18	01/31/21	UT

**Method EPA 505**

Alachlor	01/01/18	01/31/21	UT
Aldrin	01/01/18	01/31/21	UT
Aroclor-1016 (PCB-1016)	01/01/18	01/31/21	UT
Aroclor-1221 (PCB-1221)	01/01/18	01/31/21	UT
Aroclor-1232 (PCB-1232)	01/01/18	01/31/21	UT
Aroclor-1242 (PCB-1242)	01/01/18	01/31/21	UT
Aroclor-1248 (PCB-1248)	01/01/18	01/31/21	UT
Aroclor-1254 (PCB-1254)	01/01/18	01/31/21	UT
Aroclor-1260 (PCB-1260)	01/01/18	01/31/21	UT
Chlordane (tech.)(N.O.S.)	01/01/18	01/31/21	UT
Dieldrin	01/01/18	01/31/21	UT
Endrin	01/01/18	01/31/21	UT
gamma-BHC (Lindane, gamma-HexachlorocyclohexanE)	01/01/18	01/31/21	UT
Heptachlor	01/01/18	01/31/21	UT
Heptachlor epoxide	01/01/18	01/31/21	UT
Methoxychlor	01/01/18	01/31/21	UT
Toxaphene (Chlorinated camphene)	01/01/18	01/31/21	UT

**Method EPA 515.4**

2,4,5-T	01/01/18	01/31/21	UT
2,4-D	01/01/18	01/31/21	UT
2,4-DB	01/01/18	01/31/21	UT
3,5-Dichlorobenzoic acid	01/01/18	01/31/21	UT
Acifluorfen	01/01/18	01/31/21	UT
Bentazon	01/01/18	01/31/21	UT
Dacthal (DCPA)	01/01/18	01/31/21	UT
Dacthal Acid Metabolites	01/01/18	01/31/21	UT
Dalapon	01/01/18	01/31/21	UT
DCPA di acid degradate	01/01/18	01/31/21	UT
DCPA mono-acid	01/01/18	01/31/21	UT
Dicamba	01/01/18	01/31/21	UT
Dichloroprop (Dichlorprop)	01/01/18	01/31/21	UT
Dinoseb (2-sec-butyl-4,6-dinitrophenol, DNBP)	01/01/18	01/31/21	UT
Pentachlorophenol	01/01/18	01/31/21	UT
Picloram	01/01/18	01/31/21	UT
Silvex (2,4,5-TP)	01/01/18	01/31/21	UT

**Method EPA 522**

1,4-Dioxane (1,4- Diethyleneoxide)	01/01/18	01/31/21	UT
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Start Date Expires AB

**Program/Matrix: SDWA (Potable Water)****Method EPA 524.2**

Method	Start Date	Expires	AB
1,1,1-Trichloro-2,2,2-trifluoroethane (Freon 113a)	01/01/18	01/31/21	UT
1,1,1,2-Tetrachloroethane	01/01/18	01/31/21	UT
1,1,1-Trichloroethane	01/01/18	01/31/21	UT
1,1,2,2-Tetrachloroethane	01/01/18	01/31/21	UT
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	01/01/18	01/31/21	UT
1,1,2-Trichloroethane	01/01/18	01/31/21	UT
1,1-Dichloroethane	01/01/18	01/31/21	UT
1,1-Dichloroethylene	01/01/18	01/31/21	UT
1,1-Dichloropropene	01/01/18	01/31/21	UT
1,2,3-Trichlorobenzene	01/01/18	01/31/21	UT
1,2,3-Trichloropropane	01/01/18	01/31/21	UT
1,2,4-Trichlorobenzene	01/01/18	01/31/21	UT
1,2,4-Trimethylbenzene	01/01/18	01/31/21	UT
1,2-Dichlorobenzene (o-Dichlorobenzene)	01/01/18	01/31/21	UT
1,2-Dichloroethane (Ethylene dichloride)	01/01/18	01/31/21	UT
1,2-Dichloropropane	01/01/18	01/31/21	UT
1,3,5-Trimethylbenzene	01/01/18	01/31/21	UT
1,3-Dichlorobenzene	01/01/18	01/31/21	UT
1,3-Dichloropropane	01/01/18	01/31/21	UT
1,4-Dichlorobenzene	01/01/18	01/31/21	UT
2,2-Dichloropropane	01/01/18	01/31/21	UT
2-Chlorotoluene	01/01/18	01/31/21	UT
4-Chlorotoluene	01/01/18	01/31/21	UT
4-Isopropyltoluene (p-Cymene,p-Isopropyltoluene)	01/01/18	01/31/21	UT
Benzene	01/01/18	01/31/21	UT
Bromobenzene	01/01/18	01/31/21	UT
Bromochloromethane	01/01/18	01/31/21	UT
Bromodichloromethane	01/01/18	01/31/21	UT
Bromoform	01/01/18	01/31/21	UT
Carbon disulfide	01/01/18	01/31/21	UT
Carbon tetrachloride	01/01/18	01/31/21	UT
Chlorobenzene	01/01/18	01/31/21	UT
Chlorodibromomethane	01/01/18	01/31/21	UT
Chloroethane (Ethyl chloride)	01/01/18	01/31/21	UT
Chloroform	01/01/18	01/31/21	UT
cis-1,2-Dichloroethylene	01/01/18	01/31/21	UT
cis-1,3-Dichloropropene	01/01/18	01/31/21	UT
Dibromomethane (Methylene bromide)	01/01/18	01/31/21	UT
Dichlorodifluoromethane (Freon-12)	01/01/18	01/31/21	UT
Ethylbenzene	01/01/18	01/31/21	UT
Ethyl-t-butylether (ETBE) (2-Ethoxy-2-methylpropane)	01/01/18	01/31/21	UT
Hexachlorobutadiene	01/01/18	01/31/21	UT
Hexachloroethane	01/01/18	01/31/21	UT
Isopropylbenzene	01/01/18	01/31/21	UT
Methyl bromide (Bromomethane)	01/01/18	01/31/21	UT
Methyl chloride (Chloromethane)	01/01/18	01/31/21	UT
Methyl tert-butyl ether (MTBE)	01/01/18	01/31/21	UT

Eurofins Eaton Analytical, LLC - Monrovia

Start Date Expires AB

**Program/Matrix: SDWA (Potable Water)**

	Start Date	Expires	AB
Methylene chloride (Dichloromethane)	01/01/18	01/31/21	UT
Naphthalene	01/01/18	01/31/21	UT
n-Butylbenzene	01/01/18	01/31/21	UT
Nitrobenzene	01/01/18	01/31/21	UT
n-Propylbenzene	01/01/18	01/31/21	UT
sec-Butylbenzene	01/01/18	01/31/21	UT
Styrene	01/01/18	01/31/21	UT
T-amylmethylether (TAME)	01/01/18	01/31/21	UT
tert-Butyl alcohol	01/01/18	01/31/21	UT
tert-Butylbenzene	01/01/18	01/31/21	UT
Tetrachloroethylene (Perchloroethylene)	01/01/18	01/31/21	UT
Toluene	01/01/18	01/31/21	UT
Total trihalomethanes	01/01/18	01/31/21	UT
trans-1,2-Dichloroethylene	01/01/18	01/31/21	UT
trans-1,3-Dichloropropylene	01/01/18	01/31/21	UT
Trichloroethene (Trichloroethylene)	01/01/18	01/31/21	UT
Trichlorofluoromethane (Fluorotrichloromethane, Freon 11)	01/01/18	01/31/21	UT
Vinyl chloride (chloroethene)	01/01/18	01/31/21	UT
Xylene (total)	01/01/18	01/31/21	UT

**Method EPA 525.2**

2,4-Dinitrotoluene (2,4-DNT)	01/01/18	01/31/21	UT
2,6-Dinitrotoluene (2,6-DNT)	01/01/18	01/31/21	UT
4,4'-DDD	01/01/18	01/31/21	UT
4,4'-DDE	01/01/18	01/31/21	UT
4,4'-DDT	01/01/18	01/31/21	UT
Acenaphthene	01/01/18	01/31/21	UT
Acenaphthylene	01/01/18	01/31/21	UT
Alachlor	01/01/18	01/31/21	UT
Aldrin	01/01/18	01/31/21	UT
Anthracene	01/01/18	01/31/21	UT
Atrazine	01/01/18	01/31/21	UT
Benzo(a)anthracene	01/01/18	01/31/21	UT
Benzo(a)pyrene	01/01/18	01/31/21	UT
Benzo(b)fluoranthene	01/01/18	01/31/21	UT
Benzo(g,h,i)perylene	01/01/18	01/31/21	UT
Benzo(k)fluoranthene	01/01/18	01/31/21	UT
bis(2-Ethylhexyl)adipate (di(2-ethylhexyl)adipate)	01/01/18	01/31/21	UT
Bromacil	01/01/18	01/31/21	UT
Butachlor	01/01/18	01/31/21	UT
Butyl benzyl phthalate	01/01/18	01/31/21	UT
Chlordane (tech.)(N.O.S.)	01/01/18	01/31/21	UT
Chrysene	01/01/18	01/31/21	UT
Di(2-ethylhexyl) phthalate (bis(2-Ethylhexyl)phthalate, DEHP)	01/01/18	01/31/21	UT
Diazinon	01/01/18	01/31/21	UT
Dibenz(a,h) anthracene	01/01/18	01/31/21	UT
Dieldrin	01/01/18	01/31/21	UT
Diethyl phthalate	01/01/18	01/31/21	UT
Dimethyl phthalate	01/01/18	01/31/21	UT

Eurofins Eaton Analytical, LLC - Monrovia

Start Date Expires AB

**Program/Matrix: SDWA (Potable Water)**

Di-n-butyl phthalate	01/01/18	01/31/21	UT
Di-n-octyl phthalate	01/01/18	01/31/21	UT
Endrin	01/01/18	01/31/21	UT
EPTC (Eptam, s-ethyl-dipropyl thio carbamate)	09/04/18	01/31/21	UT
Fluoranthene	01/01/18	01/31/21	UT
Fluorene	01/01/18	01/31/21	UT
gamma-BHC (Lindane, gamma-HexachlorocyclohexanE)	01/01/18	01/31/21	UT
Heptachlor	01/01/18	01/31/21	UT
Heptachlor epoxide	01/01/18	01/31/21	UT
Hexachlorobenzene	01/01/18	01/31/21	UT
Hexachlorocyclopentadiene	01/01/18	01/31/21	UT
Indeno(1,2,3-cd) pyrene	01/01/18	01/31/21	UT
Methoxychlor	01/01/18	01/31/21	UT
Metolachlor	01/01/18	01/31/21	UT
Metribuzin	01/01/18	01/31/21	UT
Molinate	01/01/18	01/31/21	UT
Naphthalene	01/01/18	01/31/21	UT
Napropamide	01/01/18	01/31/21	UT
Phenanthrene	01/01/18	01/31/21	UT
Propachlor (Ramrod)	01/01/18	01/31/21	UT
Pyrene	01/01/18	01/31/21	UT
Simazine	01/01/18	01/31/21	UT
Terbacil	09/04/18	01/31/21	UT
Thiobencarb	01/01/18	01/31/21	UT
Trifluralin (Treflan)	01/01/18	01/31/21	UT

**Method EPA 531.2**

3-Hydroxycarbofuran	01/01/18	01/31/21	UT
Aldicarb (Temik)	01/01/18	01/31/21	UT
Aldicarb sulfone	01/01/18	01/31/21	UT
Aldicarb sulfoxide	01/01/18	01/31/21	UT
Carbaryl (Sevin)	01/01/18	01/31/21	UT
Carbofuran (Furaden)	01/01/18	01/31/21	UT
Methiocarb (Mesurol)	01/01/18	01/31/21	UT
Methomyl (Lannate)	01/01/18	01/31/21	UT
Oxamyl	01/01/18	01/31/21	UT
Propoxur (Baygon)	01/01/18	01/31/21	UT

**Method EPA 533**

11-Chloroeicosafuoro-3-oxaundecane-1-sulfonic acid (11-CI-PF3OUdS)	02/25/20	01/31/21	UT
1H, 1H, 2H, 2H-Perfluorodecanesulfonic acid (8:2 FTS)	02/25/20	01/31/21	UT
1H, 1H, 2H, 2H-Perfluorohexanesulfonic acid (4:2 FTS)	02/25/20	01/31/21	UT
1H, 1H, 2H, 2H-Perfluorooctanesulfonic acid (6:2 FTS)	02/25/20	01/31/21	UT
4,8-Dioxa-3H-perfluorononanoic acid (DONA)	02/25/20	01/31/21	UT
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9-CI-PF3ONS)	02/25/20	01/31/21	UT
Hexafluoropropyleneoxide dimer acid (HFPO-DA)(GenX)	02/25/20	01/31/21	UT
Nonfluoro-3,6-dioxaheptanoic acid (NFDHA)	02/25/20	01/31/21	UT
Perfluoro(2-ethoxyethane) sulfonic acid (PFEEESA)	02/25/20	01/31/21	UT
Perfluoro-3-methoxypropanoic acid (PFMPA)	02/25/20	01/31/21	UT
Perfluoro-4-methoxybutanoic acid (PFMBA)	02/25/20	01/31/21	UT

Eurofins Eaton Analytical, LLC - Monrovia

Start Date Expires AB

**Program/Matrix: SDWA (Potable Water)**

Perfluorobutane sulfonic acid (PFBS)	02/25/20	01/31/21	UT
Perfluorobutanoic acid (PFBA)	02/25/20	01/31/21	UT
Perfluorodecanoic acid (PFDA)	02/25/20	01/31/21	UT
Perfluorododecanoic acid (PFDOA)	02/25/20	01/31/21	UT
Perfluoroheptane sulfonic acid (PFHpS)	02/25/20	01/31/21	UT
Perfluoroheptanoic acid (PFHpA)	02/25/20	01/31/21	UT
Perfluorohexane sulfonic acid (PFHxS)	02/25/20	01/31/21	UT
Perfluorohexanoic acid (PFHxA)	02/25/20	01/31/21	UT
Perfluorononanoic acid (PFNA)	02/25/20	01/31/21	UT
Perfluorooctane sulfonic acid (PFOS)	02/25/20	01/31/21	UT
Perfluorooctanoic acid (PFOA)	02/25/20	01/31/21	UT
Perfluoropentane sulfonic acid (PFPeS)	02/25/20	01/31/21	UT
Perfluoropentanoic acid (PFPeA)	02/25/20	01/31/21	UT
Perfluoroundecanoic acid (PFUnDA)	02/25/20	01/31/21	UT

**Method EPA 537**

Perfluorobutane sulfonate (PFBS)	01/01/18	01/31/21	UT
Perfluorobutanoic acid (PFBA)	01/01/18	01/31/21	UT
Perfluorodecanoic acid (PFDA)	01/01/18	01/31/21	UT
Perfluorododecanoic acid (PFDOA)	01/01/18	01/31/21	UT
Perfluoroheptanoic acid (PFHpA)	01/01/18	01/31/21	UT
Perfluorohexane sulfonate (PFHXxS)	01/01/18	01/31/21	UT
Perfluorohexanoic acid (PFHxA)	01/01/18	01/31/21	UT
Perfluorononanoic acid (PFNA)	01/01/18	01/31/21	UT
Perfluorooctane sulfonate (PFOS)	01/01/18	01/31/21	UT
Perfluorooctanoic acid (PFOA)	01/01/18	01/31/21	UT
Perfluoropentanoic acid (PFPeA)	01/01/18	01/31/21	UT
Perfluorotetradecanoic acid (PFTDA)	01/01/18	01/31/21	UT
Perfluorotridecanoic acid (PFTrDA)	01/01/18	01/31/21	UT
Perfluoroundecanoic acid (PFUnDA)	01/01/18	01/31/21	UT

**Method EPA 537.1**

11-Chloroeicosafuoro-3-oxaundecane-1-sulfonic acid (11-Cl-PF3OUdS)	09/19/19	01/31/21	UT
4,8-Dioxa-3H-perfluorononanoic acid (DONA)	06/01/19	01/31/21	UT
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9-Cl-PF3ONS)	06/01/19	01/31/21	UT
Hexafluoropropyleneoxide dimer acid (HFPO-DA)(GenX)	06/01/19	01/31/21	UT
N-Ethylperfluorooctane sulfonamido acetic acid (NEtFOSAA)	06/01/19	01/31/21	UT
N-Methylperfluorooctane sulfonamido acetic acid (NMeFOSAA)	06/01/19	01/31/21	UT
Perfluorobutane sulfonic acid (PFBS)	06/01/19	01/31/21	UT
Perfluorodecanoic acid (PFDA)	06/01/19	01/31/21	UT
Perfluorododecanoic acid (PFDOA)	06/01/19	01/31/21	UT
Perfluoroheptanoic acid (PFHpA)	06/01/19	01/31/21	UT
Perfluorohexane sulfonic acid (PFHxS)	06/01/19	01/31/21	UT
Perfluorohexanoic acid (PFHxA)	06/01/19	01/31/21	UT
Perfluorononanoic acid (PFNA)	06/01/19	01/31/21	UT
Perfluorooctane sulfonic acid (PFOS)	06/01/19	01/31/21	UT
Perfluorooctanoic acid (PFOA)	06/01/19	01/31/21	UT
Perfluorotetradecanoic acid (PFTDA)	06/01/19	01/31/21	UT
Perfluorotridecanoic acid (PFTrDA)	06/01/19	01/31/21	UT
Perfluoroundecanoic acid (PFUnDA)	06/01/19	01/31/21	UT

Eurofins Eaton Analytical, LLC - Monrovia

Start Date Expires AB

**Program/Matrix: SDWA (Potable Water)****Method EPA 545**

Anatoxin-a	09/04/18	01/31/21	UT
Cylindrospermopsin	09/04/18	01/31/21	UT

**Method EPA 546**

Microcystin-LA (MC-LA)	01/06/20	01/31/21	UT
Microcystin-LF (MC-LF)	01/06/20	01/31/21	UT
Microcystin-LR (MC-LR)	01/06/20	01/31/21	UT
Microcystin-YR (MC-LY)	01/06/20	01/31/21	UT
Microcystin-YR (MC-RR)	01/06/20	01/31/21	UT
Microcystin-YR (MC-YR)	01/06/20	01/31/21	UT
Nodularin-R (NOD)	01/06/20	01/31/21	UT

**Method EPA 547**

Glyphosate	01/01/18	01/31/21	UT
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**Method EPA 548.1**

Endothall	01/01/18	01/31/21	UT
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**Method EPA 549.2**

Diquat	01/01/18	01/31/21	UT
Paraquat	01/01/18	01/31/21	UT

**Method EPA 551.1**

1,1,1-Trichloro-2-propanone	01/01/18	01/31/21	UT
1,1-Dichloro-2-propanone	01/01/18	01/31/21	UT
1,2-Dibromo-3-chloropropane (DBCP)	01/01/18	01/31/21	UT
1,2-Dibromoethane (EDB, Ethylene dibromide)	01/01/18	01/31/21	UT
Bromochloroacetonitrile	01/01/18	01/31/21	UT
Bromodichloromethane	01/01/18	01/31/21	UT
Bromoform	01/01/18	01/31/21	UT
Chloral hydrate	01/01/18	01/31/21	UT
Chlorodibromomethane	01/01/18	01/31/21	UT
Chloroform	01/01/18	01/31/21	UT
Chloropicrin	01/01/18	01/31/21	UT
Dibromoacetonitrile	01/01/18	01/31/21	UT
Dichloroacetonitrile	01/01/18	01/31/21	UT
Total trihalomethanes	01/01/18	01/31/21	UT
Trichloroacetonitrile	01/01/18	01/31/21	UT

**Method EPA 552.3**

Bromoacetic acid	01/01/18	01/31/21	UT
Bromochloroacetic acid	01/01/18	01/31/21	UT
Bromodichloroacetic acid(BDCAA)	01/01/18	01/31/21	UT
Chloroacetic acid	01/01/18	01/31/21	UT
Chlorodibromoacetic acid(CDBAA)	01/01/18	01/31/21	UT
Dalapon	01/01/18	01/31/21	UT
Dibromoacetic acid	01/01/18	01/31/21	UT
Dichloroacetic acid	01/01/18	01/31/21	UT
Total haloacetic acids	01/01/18	01/31/21	UT
Tribromoacetic acid (TBAA)	01/01/18	01/31/21	UT
Trichloroacetic acid	01/01/18	01/31/21	UT

**Method EPA 900.0**

Eurofins Eaton Analytical, LLC - Monrovia

Start Date Expires AB

**Program/Matrix: SDWA (Potable Water)**

	Start Date	Expires	AB
Gross-alpha	01/01/18	01/31/21	UT
Gross-beta	01/01/18	01/31/21	UT

**Method Eurofins Eaton Analytical - Nitrosamines in Drinking Water by GC/MS/MS**

n-Nitrosodiethylamine	08/12/19	01/31/21	UT
n-Nitrosodimethylamine	08/12/19	01/31/21	UT
n-Nitroso-di-n-butylamine	08/12/19	01/31/21	UT
n-Nitrosodi-n-propylamine	08/12/19	01/31/21	UT
n-Nitrosomethylethylamine	08/12/19	01/31/21	UT
n-Nitrosomorpholine	08/12/19	01/31/21	UT
n-Nitrosopiperidine	08/12/19	01/31/21	UT
n-Nitrosopyrrolidine	08/12/19	01/31/21	UT

**Method GA Tech Ra-226/228**

Radium-226	01/01/18	01/31/21	UT
Radium-228	01/01/18	01/31/21	UT

**Method Legionella pneumophila in water**

Legionella pneumophila	09/04/18	01/31/21	UT
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**Method Pseudalert® (MPN)**

Pseudomonas aeruginosa	01/06/20	01/31/21	UT
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**Method SM 2120 B-2011**

Color	01/06/20	01/31/21	UT
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**Method SM 2150 B-2011**

Odor	01/01/18	01/31/21	UT
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**Method SM 2320 B-2011**

Alkalinity as CaCO <sub>3</sub>	01/01/18	01/31/21	UT
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**Method SM 2330 B-2000**

Corrosivity	01/01/18	01/31/21	UT
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**Method SM 2340 B-2011**

Total hardness as CaCO <sub>3</sub>	01/01/18	01/31/21	UT
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**Method SM 2340 C-2011**

Calcium hardness as CaCO <sub>3</sub>	02/04/20	01/31/21	UT
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**Method SM 2510 B-2011**

Conductivity	01/01/18	01/31/21	UT
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**Method SM 2540 C-2011**

Residue-filterable (TDS)	01/01/18	01/31/21	UT
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**Method SM 4500-Cl G-2011**

Free chlorine	01/01/18	01/31/21	UT
Total chlorine	10/29/18	01/31/21	UT
Total residual chlorine	01/01/18	01/31/21	UT

**Method SM 4500-ClO<sub>2</sub> D**

Chlorine dioxide	01/01/18	01/31/21	UT
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**Method SM 4500-CN<sup>-</sup> F**

Cyanide	01/01/18	01/31/21	UT
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**Method SM 4500-CN<sup>-</sup> G**

Cyanide	01/01/18	01/31/21	UT
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Eurofins Eaton Analytical, LLC - Monrovia

Start Date Expires AB

**Program/Matrix: SDWA (Potable Water)****Method SM 4500-F<sup>-</sup> C-2011**

Fluoride 01/06/20 01/31/21 UT

**Method SM 4500-H+ B**

pH 01/01/18 01/31/21 UT

**Method SM 4500-P E**

Orthophosphate as P 01/01/18 01/31/21 UT

**Method SM 4500-SiO<sub>2</sub> C-2011**Silica as SiO<sub>2</sub> 01/01/18 01/31/21 UT**Method SM 5310 C-2011**

Dissolved organic carbon (DOC) 01/01/18 01/31/21 UT

Total organic carbon 01/01/18 01/31/21 UT

**Method SM 5540 C**

Surfactants - MBAS 01/01/18 01/31/21 UT

**Method SM 5910 B**

UV 254 01/01/18 01/31/21 UT

**Method SM 6251 B**

Bromoacetic acid 01/01/18 01/31/21 UT

Bromochloroacetic acid 01/01/18 01/31/21 UT

Chloroacetic acid 01/01/18 01/31/21 UT

Dibromoacetic acid 01/01/18 01/31/21 UT

Dichloroacetic acid 01/01/18 01/31/21 UT

Total haloacetic acids 01/01/18 01/31/21 UT

Trichloroacetic acid 01/01/18 01/31/21 UT

**Method SM 7110 C (GPC)**

Gross-alpha 01/01/18 01/31/21 UT

**Method SM 7500-Rn B**

Radon-222 01/01/18 01/31/21 UT

**Method SM 9215 B (PCA)-2004**

Heterotrophic plate count 01/01/18 01/31/21 UT

**Method SM 9221 B (LTB) + C MPN**

Total coliforms 01/01/18 01/31/21 UT

**Method SM 9221 B-2001**

Total coliforms 01/01/18 01/31/21 UT

**Method SM 9221 E (EC)-2006**

Escherichia coli 01/06/20 01/31/21 UT

Fecal coliforms 02/04/20 01/31/21 UT

Total coliforms 01/06/20 01/31/21 UT

**Method SM 9221 F (EC MUG)**

Escherichia coli 01/01/18 01/31/21 UT

**Method SM 9223 B (Colilert® Quanti-Tray®)**

Escherichia coli 01/01/18 01/31/21 UT

Total coliforms 01/01/18 01/31/21 UT

**Method SM 9223 B (Colilert®)**

Escherichia coli 01/01/18 01/31/21 UT



Eurofins Eaton Analytical, LLC - Monrovia

Start Date	Expires	AB
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**Program/Matrix: SDWA (Potable Water)**

Total coliforms	01/01/18	01/31/21	UT
<b>Method SM 9223 B (Colilert®-18 Quanti-Tray®)</b>			
Escherichia coli	01/01/18	01/31/21	UT
Total coliforms	01/01/18	01/31/21	UT
<b>Method SM 9223 B (Colilert®-18)</b>			
Escherichia coli	01/01/18	01/31/21	UT
Total coliforms	01/01/18	01/31/21	UT
<b>Method SM 9223 B (Colisure®)</b>			
Escherichia coli	01/01/18	01/31/21	UT
Total coliforms	01/01/18	01/31/21	UT
<b>Method SM 9223 B-2004</b>			
Escherichia coli	01/06/20	01/31/21	UT
Total coliforms	01/06/20	01/31/21	UT
<b>Method SM 9230 B (NaCl)</b>			
Enterococci	01/01/18	01/31/21	UT
<b>Method SM 9230 B (PSE)</b>			
Fecal streptococci	01/01/18	01/31/21	UT

The Utah Environmental Laboratory Certification Program (ELCP) encourages clients and data users to verify the most current certification letter for the authorized method.

The analytes by method which a laboratory is authorized to perform at any given time will be those indicated in the most recent certificate letter. The most recent certification letter supersedes all previous certification or authorization letters. It is the certified laboratory's responsibility to review this letter for discrepancies. The certified laboratory must document any discrepancies in this letter and send notice to this bureau within 15 days of receipt. This certificate letter will be recalled in the event your laboratory's certification is revoked.



United States Environmental Protection Agency  
Office of Water  
Office of Ground Water and Drinking Water  
Standards and Risk Management Division  
Technical Support Center  
UCMR Laboratory Approval Program

Based on the review of submitted applications and successful participation in a Proficiency Testing (PT) Study for the fourth Unregulated Contaminant Monitoring Rule (UCMR 4), EPA has granted the status of "approved" to your laboratory for the method(s) listed below to the following laboratory at the listed address:

Eurofins Eaton Analytical, Inc. - IN  
110 S. Hill Street  
South Bend, IN 46617

The application and PT criteria are listed in the "UCMR 4 Laboratory Approval Requirements and Information Document, Version 2.0." Your laboratory is now "approved" to conduct UCMR 4 analyses using the following method(s):

**LabID:** IN00035

<b>Method Name</b>	<b>Status</b>	<b>Date</b>
EPA 200.8	Approved	2/6/2017
EPA 525.3	Approved	2/6/2017
EPA 530	Approved	2/6/2017
EPA 541	Approved	2/6/2017
EPA 544	Approved	4/3/2017
EPA 545	Approved	2/6/2017
EPA 546	Approved	2/6/2017
EPA 552.3	Approved	4/3/2017

#### **End of Method List**

This information will be included in the list of UCMR 4 approved laboratories on our website. Your approval status will be maintained during UCMR 4 by continuing to meet the criteria given in the "UCMR 4 Laboratory Approval Requirements and Information Document, Version 2.0," and any revisions to the aforementioned document. Please be aware that you are only permitted to conduct UCMR 4 analyses using those methods for which you have EPA approval. Should you wish to comment on any of these determinations, please write to:

UCMR 4 Laboratory Approval Coordinator  
USEPA, Technical Support Center  
26 W. Martin Luther King Drive (MS 140)  
Cincinnati, OH 45268  
UCMR\_Lab\_Approval@epa.gov



United States Environmental Protection Agency  
Office of Water  
Office of Ground Water and Drinking Water  
Technical Support Center  
UCMR Laboratory Approval Program

Based on the review of submitted applications for each of the listed methods, EPA has granted the status of "authorized" to your laboratory for the method(s) listed below to the following laboratory at the listed address:

Eurofins Eaton Analytical, Inc. - IN  
110 S. Hill Street  
South Bend, IN 46617

The application criteria are listed in the "UCMR 4 Laboratory Approval Requirements and Information Document, Version 2.0." Your laboratory is now "authorized" to conduct UCMR 4 analyses using the following method(s):

**LabID:** IN00035

<b>Method Name</b>	<b>Status</b>	<b>Date</b>
SM 5310 C	Authorized	1/10/2017
EPA 300.0 (Rev. 2.1)	Authorized	1/10/2017

**End of Method List**

This information will be included in the list of UCMR 4 approved laboratories. Your status will be maintained during UCMR 4 by continuing to meet the criteria given in the "UCMR 4 Laboratory Approval Requirements and Information Document, Version 2.0," and any revisions to the aforementioned document. Please be aware that you are only permitted to conduct UCMR 4 analyses using those methods for which you have EPA approval. Should you wish to comment on any of these determinations, please write to:

UCMR 4 Laboratory Approval Coordinator  
USEPA, Technical Support Center  
26 W. Martin Luther King Drive (MS 140)  
Cincinnati, OH 45268  
UCMR\_Lab\_Approval@epa.gov



United States Environmental Protection Agency  
Office of Water  
Office of Ground Water and Drinking Water  
Standards and Risk Management Division  
Technical Support Center  
UCMR Laboratory Approval Program

Based on the review of submitted applications and successful participation in a Proficiency Testing (PT) Study for the fourth Unregulated Contaminant Monitoring Rule (UCMR 4), EPA has granted the status of "approved" to your laboratory for the method(s) listed below to the following laboratory at the listed address:

Eurofins Eaton Analytical, Inc. - CA  
750 Royal Oaks Dr; Ste 100  
Monrovia, CA 91016

The application and PT criteria are listed in the "UCMR 4 Laboratory Approval Requirements and Information Document, Version 2.0." Your laboratory is now "approved" to conduct UCMR 4 analyses using the following method(s):

**LabID:** CA00006

<b>Method Name</b>	<b>Status</b>	<b>Date</b>
EPA 200.8	Approved	2/6/2017
EPA 525.3	Approved	6/19/2017
EPA 530	Approved	6/19/2017
EPA 541	Approved	2/6/2017
EPA 544	Approved	4/3/2017
EPA 545	Approved	2/6/2017
EPA 546	Approved	2/6/2017
EPA 552.3	Approved	4/3/2017

#### **End of Method List**

This information will be included in the list of UCMR 4 approved laboratories on our website. Your approval status will be maintained during UCMR 4 by continuing to meet the criteria given in the "UCMR 4 Laboratory Approval Requirements and Information Document, Version 2.0," and any revisions to the aforementioned document. Please be aware that you are only permitted to conduct UCMR 4 analyses using those methods for which you have EPA approval. Should you wish to comment on any of these determinations, please write to:

UCMR 4 Laboratory Approval Coordinator  
USEPA, Technical Support Center  
26 W. Martin Luther King Drive (MS 140)  
Cincinnati, OH 45268  
UCMR\_Lab\_Approval@epa.gov



United States Environmental Protection Agency  
Office of Water  
Office of Ground Water and Drinking Water  
Technical Support Center  
UCMR Laboratory Approval Program

Based on the review of submitted applications for each of the listed methods, EPA has granted the status of "authorized" to your laboratory for the method(s) listed below to the following laboratory at the listed address:

Eurofins Eaton Analytical, Inc. - CA  
750 Royal Oaks Drive; Suite 100  
Monrovia, CA 91016

The application criteria are listed in the "UCMR 4 Laboratory Approval Requirements and Information Document, Version 2.0." Your laboratory is now "authorized" to conduct UCMR 4 analyses using the following method(s):

**LabID:** CA00006

<b>Method Name</b>	<b>Status</b>	<b>Date</b>
SM 5310 C	Authorized	12/27/2016
EPA 300.0 (Rev. 2.1)	Authorized	12/27/2016

**End of Method List**

This information will be included in the list of UCMR 4 approved laboratories. Your status will be maintained during UCMR 4 by continuing to meet the criteria given in the "UCMR 4 Laboratory Approval Requirements and Information Document, Version 2.0," and any revisions to the aforementioned document. Please be aware that you are only permitted to conduct UCMR 4 analyses using those methods for which you have EPA approval. Should you wish to comment on any of these determinations, please write to:

UCMR 4 Laboratory Approval Coordinator  
USEPA, Technical Support Center  
26 W. Martin Luther King Drive (MS 140)  
Cincinnati, OH 45268  
UCMR\_Lab\_Approval@epa.gov

**Michigan Department of  
Environment, Great Lakes, and Energy**



**CERTIFIES:**

**EUROFINS LANCASTER  
LABORATORIES ENVIRONMENTAL, LLC**

**HAS BEEN EVALUATED AND IS APPROVED FOR THE FOLLOWING  
PARAMETERS FOR THE ANALYSIS OF DRINKING WATER:**

**CERTIFIED PARAMETERS**

2,3,7,8-TCDD (Dioxin), 3-Hydroxycarbofuran, Alachlor,  
Aldicarb, Aldicarb Sulfone, Aldicarb Sulfoxide, Aldrin, Atrazine, Benzo(a)pyrene,  
Butachlor, Carbaryl, Carbofuran, Di(2-ethylhexyl)adipate, Di(2-ethylhexyl)phthalate  
Dieldrin, Endrin, Heptachlor, Heptachlor Epoxide, Hexachlorobenzene,  
Hexachlorocyclopentadiene, Lindane, Methomyl, Methoxychlor, Metolachlor,  
Metribuzin, Oxamyl, Propachlor, Regulated and Unregulated Volatile Organic Chemicals  
Simazine, Total Trihalomethanes

**This certification requires maintenance of an acceptable quality assurance program,  
use of approved methodology and equipment,  
and satisfactory performance on evaluation samples.  
This certification does not guarantee validity of data generated.**



January 31, 2021  
Expiration Date

  
Laboratory Certification Officer

March 5, 2022  
Fees Paid to Date

February 1, 2020  
Effective Date

9930  
Laboratory Number

**Michigan Department of  
Environment, Great Lakes, and Energy**



**CERTIFIES:**

**EUROFINS LANCASTER  
LABORATORIES ENVIRONMENTAL, LLC**

**HAS BEEN EVALUATED AND IS APPROVED FOR THE FOLLOWING  
PARAMETERS FOR THE ANALYSIS OF DRINKING WATER:**

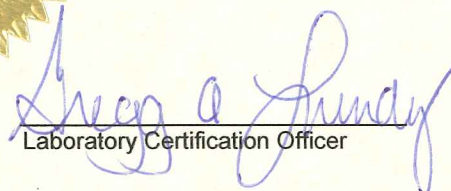
**CERTIFIED PARAMETERS**

Antimony, Arsenic, Barium, Beryllium, Cadmium, Calcium, Chloride  
Chromium, Copper, Cyanide, Fluoride, Lead, Magnesium, Manganese, Mercury  
Nickel, Nitrate, Nitrite, Orthophosphate, Potassium, Selenium, Sodium  
Sulfate, Thallium, Total Nitrates, Total Organic Carbon

**This certification requires maintenance of an acceptable quality assurance program,  
use of approved methodology and equipment,  
and satisfactory performance on evaluation samples.  
This certification does not guarantee validity of data generated.**



January 31, 2021  
Expiration Date

  
Laboratory Certification Officer

March 5, 2022  
Fees Paid to Date

February 1, 2020  
Effective Date

9930  
Laboratory Number



GRETCHEN WHITMER  
GOVERNOR

STATE OF MICHIGAN  
DEPARTMENT OF  
ENVIRONMENT, GREAT LAKES, AND ENERGY  
LANSING

Rec'd 2/11/2020  
DWC/SSB



LIESL EICHLER CLARK  
DIRECTOR

February 3, 2020

Mr. Duane Luckenbill  
Eurofins Lancaster Laboratories Environmental, LLC  
2425 New Holland Pike  
Lancaster, PA 17601

Laboratory No: 9930  
Effective Date: 02/01/2020

Dear Mr. Luckenbill:

SUBJECT: Amended Laboratory Certification

The information that was prepared and submitted to this office by your laboratory or the Commonwealth of Pennsylvania Department of Environmental Protection has been reviewed. Based on this information, the Michigan Department of Environment, Great Lakes, and Energy (EGLE) has amended your laboratory's certification for compliance monitoring under the Safe Drinking Water Act, 1976 PA 399, as amended. Our amended certification for your laboratory by parameter is as follows:

**Inorganic Chemistry**

Certified Parameters:

Barium, Calcium, Chromium, Copper, Magnesium, Manganese, Nickel, Potassium and Sodium (via U.S. EPA Method 200.7)  
Antimony, Arsenic, Barium, Beryllium, Cadmium, Chromium, Copper, Lead, Manganese, Nickel, Selenium, and Thallium (via U.S. EPA Method 200.8)  
Mercury (via U.S. EPA Method 245.1)  
Chloride, Fluoride, Nitrate, Nitrite and Sulfate (via U.S. EPA Method 300.0)  
Cyanide (via U.S. EPA Method 335.4)  
Nitrate, Nitrite, Nitrate + Nitrite (via U.S. EPA Methods 353.2)  
Fluoride (via Standard Methods, 22<sup>nd</sup> Edition, Method 4500F-C)  
Orthophosphate (via Standard Methods, 22<sup>nd</sup> Edition, Method 4500P-E)  
Total Organic Carbon (via Standard Methods, 22<sup>nd</sup> Edition, Method 5310C)

**Organic Chemistry**

Certified Parameters:

Total Trihalomethanes, Regulated and Unregulated Volatile Organic Chemicals (via U.S. EPA Method 524.2)  
Alachlor, Aldrin, Atrazine, Benzo(a)pyrene, Butachlor, Dieldrin, Di(2-ethylhexyl)adipate, Di(2-ethylhexyl)phthalate, Endrin, Heptachlor, Heptachlor Epoxide, Hexachlorobenzene, Hexachlorocyclopentadiene, Lindane, Metolachlor, Methoxychlor, Metribuzin, Propachlor, and Simazine. (via U.S. EPA Method 525.2)



Mr. Duane Luckenbill  
Eurofins Lancaster Laboratories Environmental, LLC  
Page 2  
February 3, 2020

**Organic Chemistry**

Certified Parameters:

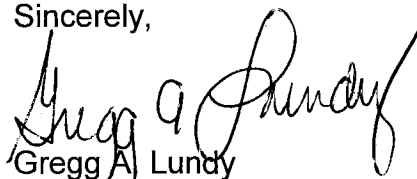
Aldicarb, Aldicarb Sulfone, Aldicarb Sulfoxide, Carbaryl, Carbofuran, Methomyl, Oxamyl, and 3-hydrocarbofuran (via U.S. EPA Method 531.1)  
2,3,7,8-TCDD (Dioxin) (via U.S. EPA Method 1613B)

Our acceptance of results and certification of Eurofins Lancaster Laboratories, Inc., is contingent on your continued certification by Pennsylvania. In addition, your laboratory's certification in Michigan is contingent on your laboratory submitting to this office at least one full set of acceptable proficiency test sample results per year throughout the certification period and the results of any on-site inspections conducted by Pennsylvania or its agents.

**Our certification of your facility will expire on January 31, 2021. Your certification fees are paid until March 5, 2022. Please forward your Pennsylvania certificate and on-site inspection report once you renew your certification in your home state. You will be reissued reciprocal certification for the State of Michigan without charge until the expiration date of your home state exceeds the "Fees Paid to Date" on your Michigan certification. Seven months in advance of your "Fees Paid to Date" you will be sent a certification renewal package and assessed the fee for the upcoming three-year period. Certification fees are non-refundable.**

If you have questions regarding this information, please contact me by phone at 517-335-9219 or by email at [lundyg@michigan.gov](mailto:lundyg@michigan.gov).

Sincerely,



Gregg A. Lundy  
Laboratory Certification Officer  
Laboratory Services Section  
Remediation and Redevelopment Division

GL/lsh

Enclosures

cc: Pennsylvania Department of Environmental Protection

**COMMONWEALTH OF PENNSYLVANIA**  
**DEPARTMENT OF ENVIRONMENTAL PROTECTION**

*BUREAU OF LABORATORIES*

*LABORATORY ACCREDITATION PROGRAM*

Certifies That

**36-00037**

**Eurofins Lancaster Laboratories Environmental LLC**

**2425 New Holland Pike, Lancaster, PA, 17601-5994**

Having duly met the requirement of

The act of June 29, 2002 (P.L. 596, No. 90)

dealing with Environmental Laboratories Accreditation

(27 Pa. C.S. 4104-4113) and the

National Environmental Laboratory Accreditation Program Standard

is hereby approved as an

**Accredited Laboratory**

to conduct analysis within the fields of accreditations more fully described in the attached Scope of Accreditation

NELAP accreditation granted by the PA DEP to an environmental laboratory is conditioned upon continued compliance with the current edition of the NELAC Standard or TNI Standard and the following Subchapters and Sections of 25 Pa. Code Chapter 252: Subchapter A (relating to general provisions); Subchapter B (relating to application, fees and supporting documents); Subchapter E (relating to proficiency test study requirements); Subchapter F (relating to assessment requirements); Subchapter G (relating to miscellaneous provisions); Section 252.307; and Section 252.401.

Expiration Date: **01/31/2021**

Certificate Number: **019**



A handwritten signature in black ink that reads "Dana T. Marshall".

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Dana T. Marshall, Acting Chief  
Laboratory Accreditation Program  
Bureau of Laboratories

Continued accreditation status depends on successful ongoing participation in the program  
Certificate not transferable Surrender upon revocation  
To be conspicuously displayed at the Laboratory  
Not valid unless accompanied by a valid Scope of Accreditation  
Shall not be used to imply endorsement by the Commonwealth of Pennsylvania  
Customers are urged to verify the laboratory's current accreditation status  
PA DEP is a NELAP recognized accreditation body



Attached to Certificate of Accreditation 019-004 expiration date 01/31/2021. This listing of accredited analytes should be used only when associated with a valid certificate of accreditation.

**Eurofins Lancaster Laboratories Environmental LLC**  
2425 New Holland Pike  
Lancaster, PA 17601-5994  
(717) 656-2300

DEP Laboratory ID: 36-00037  
EPA Lab Code: PA00009  
TNI Code: TNI02128  
PADWIS ID: 36037

**Matrix: Drinking Water**

Method	Revision	Analyte	Accreditation Type	Primary State	Effective Date
EPA 110.2		Color	NELAP	PA	04/04/2005
EPA 150.1		pH	NELAP	PA	02/28/2002
EPA 1613	B	2,3,7,8-Tetrachlorodibenzo- p-dioxin (2,3,7,8-TCDD)	NELAP	PA	10/05/2010
EPA 1664	A	Oil and grease	NELAP	PA	05/24/2011
EPA 1664	B	Oil and grease	NELAP	PA	01/27/2014
EPA 180.1		Turbidity	NELAP	PA	04/04/2005
EPA 200.7	4.4	Barium	NELAP	PA	01/22/2001
EPA 200.7	4.4	Calcium	NELAP	PA	11/28/2001
EPA 200.7	4.4	Chromium	NELAP	PA	01/22/2001
EPA 200.7	4.4	Cobalt	NELAP	PA	10/16/2008
EPA 200.7	4.4	Copper	NELAP	PA	01/22/2001
EPA 200.7	4.4	Iron	NELAP	PA	04/04/2005
EPA 200.7	4.4	Lithium	NELAP	PA	11/13/2012
EPA 200.7	4.4	Magnesium	NELAP	PA	12/04/2007
EPA 200.7	4.4	Manganese	NELAP	PA	04/04/2005
EPA 200.7	4.4	Nickel	NELAP	PA	01/22/2001
EPA 200.7	4.4	Potassium	NELAP	PA	05/24/2011
EPA 200.7	4.4	Silver	NELAP	PA	01/26/2001
EPA 200.7	4.4	Sodium	NELAP	PA	01/22/2001
EPA 200.7	4.4	Strontium	NELAP	PA	05/24/2011
EPA 200.7	4.4	Sulfur	NELAP	PA	11/09/2012
EPA 200.7	4.4	Tin	NELAP	PA	11/03/2008
EPA 200.7	4.4	Vanadium	NELAP	PA	10/16/2008
EPA 200.7	4.4	Zinc	NELAP	PA	04/04/2005
EPA 200.8	5.4	Aluminum	NELAP	PA	01/25/2019
EPA 200.8	5.4	Antimony	NELAP	PA	02/10/2005
EPA 200.8	5.4	Arsenic	NELAP	PA	02/10/2005
EPA 200.8	5.4	Barium	NELAP	PA	11/16/2011
EPA 200.8	5.4	Beryllium	NELAP	PA	02/10/2005
EPA 200.8	5.4	Cadmium	NELAP	PA	02/10/2005
EPA 200.8	5.4	Calcium	NELAP	PA	11/16/2011
EPA 200.8	5.4	Chromium	NELAP	PA	02/10/2005
EPA 200.8	5.4	Copper	NELAP	PA	03/09/2007
EPA 200.8	5.4	Iron	NELAP	PA	11/02/2012
EPA 200.8	5.4	Lead	NELAP	PA	02/10/2005
EPA 200.8	5.4	Magnesium	NELAP	PA	11/02/2012
EPA 200.8	5.4	Manganese	NELAP	PA	11/16/2011
EPA 200.8	5.4	Nickel	NELAP	PA	02/10/2005
EPA 200.8	5.4	Potassium	NELAP	PA	11/16/2011
EPA 200.8	5.4	Selenium	NELAP	PA	02/10/2005
EPA 200.8	5.4	Sodium	NELAP	PA	11/16/2011

*Donna T. Haus*

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**Eurofins Lancaster Laboratories Environmental LLC**  
2425 New Holland Pike  
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(717) 656-2300

**DEP Laboratory ID: 36-00037**  
**EPA Lab Code: PA00009**  
**TNI Code: TNI02128**  
**PADWIS ID: 36037**

**Matrix: Drinking Water**

Method	Revision	Analyte	Accreditation Type	Primary State	Effective Date
EPA 200.8	5.4	Strontium	NELAP	PA	11/16/2011
EPA 200.8	5.4	Thallium	NELAP	PA	02/10/2005
EPA 200.8	5.4	Zinc	NELAP	PA	11/16/2011
EPA 245.1	3.0	Mercury	NELAP	PA	08/29/2001
EPA 300.0	2.1	Chloride	NELAP	PA	05/17/2005
EPA 300.0	2.1	Fluoride	NELAP	PA	01/22/2004
EPA 300.0	2.1	Nitrate as N	NELAP	PA	10/31/2002
EPA 300.0	2.1	Nitrite as N	NELAP	PA	10/31/2002
EPA 300.0	2.1	Sulfate	NELAP	PA	07/07/2003
EPA 335.4		Cyanide	NELAP	PA	07/11/2006
EPA 353.2		Nitrate as N	NELAP	PA	02/28/2002
EPA 353.2		Nitrite as N	NELAP	PA	02/28/2002
EPA 353.2		Total nitrate-nitrite	NELAP	PA	05/24/2011
EPA 524.2	4.1	1,1,1,2-Tetrachloroethane	NELAP	PA	10/31/2002
EPA 524.2	4.1	1,1,1-Trichloroethane	NELAP	PA	03/06/2018
EPA 524.2	4.1	1,1,2,2-Tetrachloroethane	NELAP	PA	10/31/2002
EPA 524.2	4.1	1,1,2-Trichloroethane	NELAP	PA	03/06/2018
EPA 524.2	4.1	1,1-Dichloro-2-propanone (1,1-Dichloropropanone)	NELAP	PA	05/17/2005
EPA 524.2	4.1	1,1-Dichloroethane	NELAP	PA	10/31/2002
EPA 524.2	4.1	1,1-Dichloroethene (1,1-Dichloroethylene)	NELAP	PA	03/06/2018
EPA 524.2	4.1	1,1-Dichloropropene	NELAP	PA	10/31/2002
EPA 524.2	4.1	1,2,3-Trichlorobenzene	NELAP	PA	04/04/2005
EPA 524.2	4.1	1,2,3-Trichloropropane (1,2,3-TCP)	NELAP	PA	10/31/2002
EPA 524.2	4.1	1,2,4-Trichlorobenzene	NELAP	PA	03/06/2018
EPA 524.2	4.1	1,2,4-Trimethylbenzene	NELAP	PA	04/04/2005
EPA 524.2	4.1	1,2-Dichlorobenzene (o-Dichlorobenzene)	NELAP	PA	03/06/2018
EPA 524.2	4.1	1,2-Dichloroethane	NELAP	PA	03/06/2018
EPA 524.2	4.1	1,2-Dichloropropane	NELAP	PA	03/06/2018
EPA 524.2	4.1	1,3,5-Trimethylbenzene	NELAP	PA	05/17/2005
EPA 524.2	4.1	1,3-Dichlorobenzene (m-Dichlorobenzene)	NELAP	PA	10/31/2002
EPA 524.2	4.1	1,3-Dichloropropane	NELAP	PA	10/31/2002
EPA 524.2	4.1	1,4-Dichlorobenzene (p-Dichlorobenzene)	NELAP	PA	03/06/2018
EPA 524.2	4.1	1-Chlorobutane	NELAP	PA	05/24/2007
EPA 524.2	4.1	2,2-Dichloropropane	NELAP	PA	10/31/2002
EPA 524.2	4.1	2-Butanone (Methyl ethyl ketone, MEK)	NELAP	PA	05/24/2007
EPA 524.2	4.1	2-Chlorotoluene	NELAP	PA	10/31/2002
EPA 524.2	4.1	2-Hexanone	NELAP	PA	05/24/2007
EPA 524.2	4.1	2-Nitropropane	NELAP	PA	05/24/2007
EPA 524.2	4.1	4-Chlorotoluene	NELAP	PA	10/31/2002
EPA 524.2	4.1	4-Methyl-2-pentanone (MIBK)	NELAP	PA	05/24/2007
EPA 524.2	4.1	Acetone	NELAP	PA	05/24/2007

*Doreen T. Haus*

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2425 New Holland Pike  
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(717) 656-2300

**DEP Laboratory ID: 36-00037**  
**EPA Lab Code: PA00009**  
**TNI Code: TNI02128**  
**PADWIS ID: 36037**

**Matrix: Drinking Water**

Method	Revision	Analyte	Accreditation Type	Primary State	Effective Date
EPA 524.2	4.1	Acrylonitrile	NELAP	PA	05/24/2007
EPA 524.2	4.1	Allyl chloride (3-Chloropropene)	NELAP	PA	07/03/2007
EPA 524.2	4.1	Benzene	NELAP	PA	03/06/2018
EPA 524.2	4.1	Bromobenzene	NELAP	PA	10/31/2002
EPA 524.2	4.1	Bromochloromethane	NELAP	PA	04/04/2005
EPA 524.2	4.1	Bromodichloromethane	NELAP	PA	11/03/2016
EPA 524.2	4.1	Bromoform	NELAP	PA	11/03/2016
EPA 524.2	4.1	Carbon disulfide	NELAP	PA	05/24/2007
EPA 524.2	4.1	Carbon tetrachloride	NELAP	PA	03/06/2018
EPA 524.2	4.1	Chloroacetonitrile	NELAP	PA	05/24/2007
EPA 524.2	4.1	Chlorobenzene	NELAP	PA	03/06/2018
EPA 524.2	4.1	Chloroethane	NELAP	PA	10/31/2002
EPA 524.2	4.1	Chloroform	NELAP	PA	11/03/2016
EPA 524.2	4.1	Dibromochloromethane	NELAP	PA	11/03/2016
EPA 524.2	4.1	Dibromomethane	NELAP	PA	10/31/2002
EPA 524.2	4.1	Dichlorodifluoromethane (Freon 12)	NELAP	PA	04/04/2005
EPA 524.2	4.1	Diethyl ether (Ethyl ether)	NELAP	PA	05/24/2007
EPA 524.2	4.1	Diisopropyl ether (DIPE)	NELAP	PA	01/07/2010
EPA 524.2	4.1	Ethyl methacrylate	NELAP	PA	05/24/2007
EPA 524.2	4.1	Ethyl tert-butyl ether (ETBE)	NELAP	PA	01/24/2007
EPA 524.2	4.1	Ethylbenzene	NELAP	PA	03/06/2018
EPA 524.2	4.1	Hexachlorobutadiene (1,3-Hexachlorobutadiene)	NELAP	PA	04/04/2005
EPA 524.2	4.1	Hexachloroethane	NELAP	PA	05/24/2007
EPA 524.2	4.1	Isopropylbenzene (Cumene)	NELAP	PA	04/04/2005
EPA 524.2	4.1	Methacrylonitrile	NELAP	PA	05/24/2007
EPA 524.2	4.1	Methyl bromide (Bromomethane)	NELAP	PA	10/31/2002
EPA 524.2	4.1	Methyl chloride (Chloromethane)	NELAP	PA	10/31/2002
EPA 524.2	4.1	Methyl iodide (Iodomethane)	NELAP	PA	05/24/2007
EPA 524.2	4.1	Methyl tert-butyl ether (MTBE)	NELAP	PA	04/04/2005
EPA 524.2	4.1	Methylacrylate	NELAP	PA	05/24/2007
EPA 524.2	4.1	Methylene chloride (Dichloromethane)	NELAP	PA	03/06/2018
EPA 524.2	4.1	Methylmethacrylate	NELAP	PA	05/24/2007
EPA 524.2	4.1	Naphthalene	NELAP	PA	05/17/2005
EPA 524.2	4.1	Nitrobenzene	NELAP	PA	05/17/2005
EPA 524.2	4.1	Pentachloroethane	NELAP	PA	05/24/2007
EPA 524.2	4.1	Propionitrile (Ethyl cyanide)	NELAP	PA	05/24/2007
EPA 524.2	4.1	Styrene	NELAP	PA	03/06/2018
EPA 524.2	4.1	Tetrachloroethene (PCE, Perchloroethylene)	NELAP	PA	03/06/2018
EPA 524.2	4.1	Tetrahydrofuran (THF)	NELAP	PA	05/24/2007
EPA 524.2	4.1	Toluene	NELAP	PA	03/06/2018
EPA 524.2	4.1	Total trihalomethanes (TTHMs)	NELAP	PA	10/31/2002
EPA 524.2	4.1	Trichloroethene (TCE, Trichloroethylene)	NELAP	PA	03/06/2018

*Doreen T. Mansueti*

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2425 New Holland Pike  
Lancaster, PA 17601-5994  
(717) 656-2300

**DEP Laboratory ID: 36-00037**  
**EPA Lab Code: PA00009**  
**TNI Code: TNI02128**  
**PADWIS ID: 36037**

**Matrix: Drinking Water**

Method	Revision	Analyte	Accreditation Type	Primary State	Effective Date
EPA 524.2	4.1	Trichlorofluoromethane (Freon 11)	NELAP	PA	04/04/2005
EPA 524.2	4.1	Vinyl chloride (Chloroethene)	NELAP	PA	03/06/2018
EPA 524.2	4.1	Xylenes, total	NELAP	PA	03/06/2018
EPA 524.2	4.1	cis-1,2-Dichloroethene	NELAP	PA	03/06/2018
EPA 524.2	4.1	cis-1,3-Dichloropropene	NELAP	PA	10/31/2002
EPA 524.2	4.1	m+p-Xylene	NELAP	PA	03/06/2018
EPA 524.2	4.1	n-Butylbenzene	NELAP	PA	04/04/2005
EPA 524.2	4.1	n-Propylbenzene	NELAP	PA	05/17/2005
EPA 524.2	4.1	o-Xylene	NELAP	PA	03/06/2018
EPA 524.2	4.1	p-Isopropyltoluene (4-Isopropyltoluene)	NELAP	PA	05/17/2005
EPA 524.2	4.1	sec-Butylbenzene	NELAP	PA	04/04/2005
EPA 524.2	4.1	tert-Amyl methyl ether (TAME)	NELAP	PA	01/24/2007
EPA 524.2	4.1	tert-Butyl alcohol (2-Methyl-2-propanol)	NELAP	PA	05/24/2007
EPA 524.2	4.1	tert-Butylbenzene	NELAP	PA	04/04/2005
EPA 524.2	4.1	trans-1,2-Dichloroethene	NELAP	PA	03/06/2018
EPA 524.2	4.1	trans-1,3-Dichloropropene	NELAP	PA	10/31/2002
EPA 524.2	4.1	trans-1,4-Dichloro-2-butene	NELAP	PA	05/24/2007
EPA 525.2	2.0	2,3-Dichlorobiphenyl (BZ 5)	NELAP	PA	05/17/2005
EPA 525.2	2.0	Acenaphthene	NELAP	PA	05/25/2007
EPA 525.2	2.0	Acenaphthylene	NELAP	PA	04/28/2010
EPA 525.2	2.0	Anthracene	NELAP	PA	05/25/2007
EPA 525.2	2.0	Benzo[a]anthracene	NELAP	PA	05/25/2007
EPA 525.2	2.0	Benzo[a]pyrene	NELAP	PA	01/24/2001
EPA 525.2	2.0	Benzo[b]fluoranthene	NELAP	PA	06/04/2007
EPA 525.2	2.0	Benzo[ghi]perylene	NELAP	PA	07/03/2007
EPA 525.2	2.0	Benzo[k]fluoranthene	NELAP	PA	06/04/2007
EPA 525.2	2.0	Benzyl butyl phthalate (Butyl benzyl phthalate)	NELAP	PA	05/25/2007
EPA 525.2	2.0	Chrysene (Benzo[a]phenanthrene)	NELAP	PA	05/25/2007
EPA 525.2	2.0	Di-n-butyl phthalate	NELAP	PA	05/25/2007
EPA 525.2	2.0	Dibenzo[a,h]anthracene	NELAP	PA	05/25/2007
EPA 525.2	2.0	Diethyl phthalate	NELAP	PA	05/25/2007
EPA 525.2	2.0	Dimethyl phthalate	NELAP	PA	05/25/2007
EPA 525.2	2.0	Fluoranthene	NELAP	PA	03/07/2012
EPA 525.2	2.0	Fluorene	NELAP	PA	02/07/2012
EPA 525.2	2.0	Indeno(1,2,3-cd)pyrene	NELAP	PA	02/07/2012
EPA 525.2	2.0	Phenanthrene	NELAP	PA	05/25/2007
EPA 525.2	2.0	Pyrene	NELAP	PA	05/25/2007
EPA 525.2	2.0	bis(2-Ethylhexyl) phthalate (DEHP)	NELAP	PA	01/24/2001
EPA 531.1	3.1	3-Hydroxycarbofuran	NELAP	PA	11/07/2006
EPA 531.1	3.1	Aldicarb (Temik)	NELAP	PA	04/14/2015
EPA 531.1	3.1	Aldicarb sulfone	NELAP	PA	01/24/2001
EPA 531.1	3.1	Aldicarb sulfoxide	NELAP	PA	01/24/2001

*Doreen T. Hausler*

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**TNI Code: TNI02128**  
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**Matrix: Drinking Water**

Method	Revision	Analyte	Accreditation Type	Primary State	Effective Date
EPA 531.1	3.1	Carbaryl (Sevin)	NELAP	PA	10/09/2002
EPA 531.1	3.1	Carbofuran (Furaden)	NELAP	PA	01/24/2001
EPA 531.1	3.1	Methomyl (Lannate)	NELAP	PA	01/24/2001
EPA 531.1	3.1	Oxamyl (Vydate)	NELAP	PA	01/24/2001
EPA 537	1.1	Perfluorobutanesulfonic acid (PFBS)	NELAP	PA	05/14/2018
EPA 537	1.1	Perfluorodecanoic acid (PFDA)	NELAP	PA	05/14/2018
EPA 537	1.1	Perfluorododecanoic acid (PFDoA)	NELAP	PA	05/14/2018
EPA 537	1.1	Perfluoroheptanoic acid (PFHpA)	NELAP	PA	05/14/2018
EPA 537	1.1	Perfluorohexanesulfonic acid (PFHxS)	NELAP	PA	05/14/2018
EPA 537	1.1	Perfluorohexanoic acid (PFHxA)	NELAP	PA	05/14/2018
EPA 537	1.1	Perfluorononanoic acid (PFNA)	NELAP	PA	05/14/2018
EPA 537	1.1	Perfluorooctanesulfonic acid (PFOS)	NELAP	PA	05/14/2018
EPA 537	1.1	Perfluorooctanoic acid (PFOA)	NELAP	PA	05/14/2018
EPA 537	1.1	Perfluorotetradecanoic acid (PFTA)	NELAP	PA	05/14/2018
EPA 537	1.1	Perfluorotridecanoic acid (PFTTrDA)	NELAP	PA	05/14/2018
EPA 537	1.1	Perfluoroundecanoic acid (PFUnA)	NELAP	PA	05/14/2018
EPA 537	1.1	n-Ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	NELAP	PA	07/16/2018
EPA 537	1.1	n-Methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	NELAP	PA	05/14/2018
EPA 537.1		11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	NELAP	PA	08/01/2019
EPA 537.1		4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	NELAP	PA	08/01/2019
EPA 537.1		9-Chlorohexadecafluoro-3-oxanone-1-sulfonic acid (9Cl-PF3ONS)	NELAP	PA	08/01/2019
EPA 537.1		Hexafluoropropylene oxide dimer acid (HFPO-DA)	NELAP	PA	08/01/2019
EPA 537.1		Perfluorobutanesulfonic acid (PFBS)	NELAP	PA	08/01/2019
EPA 537.1		Perfluorodecanoic acid (PFDA)	NELAP	PA	08/01/2019
EPA 537.1		Perfluorododecanoic acid (PFDoA)	NELAP	PA	08/01/2019
EPA 537.1		Perfluoroheptanoic acid (PFHpA)	NELAP	PA	08/01/2019
EPA 537.1		Perfluorohexanesulfonic acid (PFHxS)	NELAP	PA	08/01/2019
EPA 537.1		Perfluorohexanoic acid (PFHxA)	NELAP	PA	08/01/2019
EPA 537.1		Perfluorononanoic acid (PFNA)	NELAP	PA	08/01/2019
EPA 537.1		Perfluorooctanesulfonic acid (PFOS)	NELAP	PA	08/01/2019
EPA 537.1		Perfluorooctanoic acid (PFOA)	NELAP	PA	08/01/2019
EPA 537.1		Perfluorotetradecanoic acid (PFTA)	NELAP	PA	08/01/2019
EPA 537.1		Perfluorotridecanoic acid (PFTTrDA)	NELAP	PA	08/01/2019
EPA 537.1		Perfluoroundecanoic acid (PFUnA)	NELAP	PA	08/01/2019
EPA 537.1		n-Ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	NELAP	PA	08/01/2019
EPA 537.1		n-Methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	NELAP	PA	08/01/2019
EPA 8015	C, D	Nonhalogenated organics by GC/FID	NELAP	PA	05/24/2011
EPA 8015	B, C, D	Ethane	NELAP	PA	05/24/2011

*Dan T. Hausler*

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**TNI Code: TNI02128**  
**PADWIS ID: 36037**

**Matrix: Drinking Water**

Method	Revision	Analyte	Accreditation Type	Primary State	Effective Date
EPA 8015	B, C, D	Methane	NELAP	PA	05/24/2011
EPA 8015	B, C, D	Propane	NELAP	PA	11/09/2012
RSK-175		Acetylene (Ethyne)	NELAP	PA	11/19/2015
RSK-175		Carbon dioxide	NELAP	PA	11/19/2015
RSK-175		Ethane	NELAP	PA	11/19/2015
RSK-175		Ethene	NELAP	PA	11/19/2015
RSK-175		Isobutane (2-Methylpropane)	NELAP	PA	11/19/2015
RSK-175		Methane	NELAP	PA	11/19/2015
RSK-175		n-Butane	NELAP	PA	11/19/2015
SM 2120 B		Color	NELAP	PA	05/25/2005
SM 2130 B		Turbidity	NELAP	PA	05/17/2005
SM 2320 B		Alkalinity as CaCO <sub>3</sub>	NELAP	PA	01/24/2001
SM 2340 C		Total hardness as CaCO <sub>3</sub>	NELAP	PA	05/24/2011
SM 2510 B		Conductivity	NELAP	PA	05/17/2005
SM 2540 B		Residue, total	NELAP	PA	09/04/2018
SM 2540 C		Total dissolved solids (TDS)	NELAP	PA	06/02/2004
SM 2540 D		Residue, nonfilterable (TSS)	NELAP	PA	05/24/2011
SM 2550 B		Temperature, deg. C	NELAP	PA	04/04/2005
SM 4500-Cl F		Total residual chlorine	NELAP	PA	05/24/2011
SM 4500-F- C		Fluoride	NELAP	PA	10/15/2003
SM 4500-H+ B		pH	NELAP	PA	05/16/2007
SM 4500-P E		Orthophosphate as P	NELAP	PA	06/12/2007
SM 4500-SiO <sub>2</sub> C	20-22	Silica, dissolved	NELAP	PA	05/24/2007
SM 5310 C		Total organic carbon (TOC)	NELAP	PA	04/18/2013
SM 5540 C		Surfactants as MBAS	NELAP	PA	05/24/2007

**Matrix: Non-Potable Water**

Method	Revision	Analyte	Accreditation Type	Primary State	Effective Date
AK-101		Gasoline-range organics (GRO)	NELAP	PA	12/12/2005
AK-102		Diesel-range organics (DRO)	NELAP	PA	12/12/2005
ASTM D7511-09		Total cyanide	NELAP	PA	02/15/2013
ASTM D7511-12		Total cyanide	NELAP	PA	01/25/2019
EPA 1010	A	Ignitability	NELAP	PA	08/30/2019
EPA 1010		Ignitability	NELAP	PA	12/12/2005
EPA 130.2		Hardness	NELAP	PA	01/19/2005
EPA 1311		Toxicity characteristic leaching procedure (TCLP)	NELAP	PA	12/12/2005
EPA 1312		Synthetic precipitation leaching procedure (SPLP)	NELAP	PA	12/12/2005
EPA 160.1		Residue, filterable (TDS)	NELAP	PA	01/19/2005
EPA 160.4		Residue, volatile	NELAP	PA	01/19/2005
EPA 1613	B	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)	NELAP	PA	06/30/2010

*Dom T. Haus*

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**Eurofins Lancaster Laboratories Environmental LLC**  
2425 New Holland Pike  
Lancaster, PA 17601-5994  
(717) 656-2300

**DEP Laboratory ID: 36-00037**  
**EPA Lab Code: PA00009**  
**TNI Code: TNI02128**  
**PADWIS ID: 36037**

**Matrix: Non-Potable Water**

Method	Revision	Analyte	Accreditation Type	Primary State	Effective Date
EPA 1613	B	1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)	NELAP	PA	06/30/2010
EPA 1613	B	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (1,2,3,4,6,7,8-hpcdd)	NELAP	PA	06/30/2010
EPA 1613	B	1,2,3,4,6,7,8-Heptachlorodibenzofuran (1,2,3,4,6,7,8-hpcdf)	NELAP	PA	06/30/2010
EPA 1613	B	1,2,3,4,7,8,9-Heptachlorodibenzofuran (1,2,3,4,7,8,9-hpcdf)	NELAP	PA	06/30/2010
EPA 1613	B	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	NELAP	PA	06/30/2010
EPA 1613	B	1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	NELAP	PA	06/30/2010
EPA 1613	B	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	NELAP	PA	06/30/2010
EPA 1613	B	1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	NELAP	PA	06/30/2010
EPA 1613	B	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	NELAP	PA	06/30/2010
EPA 1613	B	1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	NELAP	PA	06/30/2010
EPA 1613	B	1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	NELAP	PA	06/30/2010
EPA 1613	B	1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	NELAP	PA	06/30/2010
EPA 1613	B	2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	NELAP	PA	06/30/2010
EPA 1613	B	2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	NELAP	PA	06/30/2010
EPA 1613	B	2,3,7,8-Tetrachlorodibenzo-p-dioxin (2,3,7,8-TCDD)(Dioxin)	NELAP	PA	06/30/2010
EPA 1613	B	2,3,7,8-Tetrachlorodibenzofuran (TCDF)	NELAP	PA	06/30/2010
EPA 1613	B	Total heptachlorodibenzo-p-dioxin (HpCDD)	NELAP	PA	08/06/2010
EPA 1613	B	Total heptachlorodibenzofuran (HpCDF)	NELAP	PA	08/06/2010
EPA 1613	B	Total hexachlorodibenzo-p-dioxin (HxCDD)	NELAP	PA	08/06/2010
EPA 1613	B	Total hexachlorodibenzofuran (HxCDF)	NELAP	PA	08/06/2010
EPA 1613	B	Total pentachlorodibenzo-p-dioxin (PeCDD)	NELAP	PA	08/06/2010
EPA 1613	B	Total pentachlorodibenzofuran (PeCDF)	NELAP	PA	08/06/2010
EPA 1613	B	Total tetrachlorodibenzo-p-dioxin (TCDD)	NELAP	PA	08/06/2010
EPA 1613	B	Total tetrachlorodibenzofuran (TCDF)	NELAP	PA	08/06/2010
EPA 1625	C	N-Nitrosodimethylamine	NELAP	PA	11/23/2010
EPA 1664	A	Non-polar material	NELAP	PA	03/27/2018
EPA 1664	A	Oil and grease	NELAP	PA	01/19/2005
EPA 1664	B	Non-polar material	NELAP	PA	01/31/2020
EPA 1664	B	Oil and grease	NELAP	PA	01/27/2014
EPA 1666	A	4-Methyl-2-pentanone (MIBK)	NELAP	PA	12/12/2005
EPA 1666	A	Diisopropyl ether (DIPE)	NELAP	PA	01/19/2005
EPA 1666	A	Ethyl acetate	NELAP	PA	01/19/2005
EPA 1666	A	Isobutyraldehyde	NELAP	PA	01/19/2005
EPA 1666	A	Isopropyl acetate	NELAP	PA	01/19/2005
EPA 1666	A	Isopropyl alcohol (2-Propanol)	NELAP	PA	12/02/2009
EPA 1666	A	Methyl formate	NELAP	PA	01/19/2005
EPA 1666	A	Tetrahydrofuran (THF)	NELAP	PA	01/19/2005
EPA 1666	A	Xylenes, total	NELAP	PA	01/19/2005
EPA 1666	A	n-Amyl acetate (n-Pentyl acetate)	NELAP	PA	04/04/2005

*Doreen T. Hausler*

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**Euofins Lancaster Laboratories Environmental LLC**  
2425 New Holland Pike  
Lancaster, PA 17601-5994  
(717) 656-2300

**DEP Laboratory ID: 36-00037**  
**EPA Lab Code: PA00009**  
**TNI Code: TNI02128**  
**PADWIS ID: 36037**

**Matrix: Non-Potable Water**

Method	Revision	Analyte	Accreditation Type	Primary State	Effective Date
EPA 1666	A	n-Amyl alcohol (1-Pentanol)	NELAP	PA	04/04/2005
EPA 1666	A	n-Butyl acetate	NELAP	PA	04/04/2005
EPA 1666	A	n-Heptane	NELAP	PA	01/19/2005
EPA 1666	A	n-Hexane	NELAP	PA	01/19/2005
EPA 1666	A	tert-Butyl alcohol (2-Methyl-2-propanol)	NELAP	PA	04/04/2005
EPA 1668	A, C	PCBs as congeners by HRGC/HRMS	NELAP	PA	03/04/2015
EPA 1668	A, C	2,2',3,3',4,4',5,5',6'-Nonachlorobiphenyl (BZ 206)	NELAP	PA	02/01/2013
EPA 1668	A, C	2,2',3,3',4,4',5,5'-Octachlorobiphenyl (BZ 194)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,2',3,3',4,4',5,6'-Octachlorobiphenyl (BZ 196)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,2',3,3',4,4',5,6,6'-Nonachlorobiphenyl (BZ 207)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,2',3,3',4,4',5,6'-Octachlorobiphenyl (BZ 195)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,2',3,3',4,4',5-Heptachlorobiphenyl (BZ 170)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,2',3,3',4,4',6,6'-Octachlorobiphenyl (BZ 197)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,2',3,3',4,4',6-Heptachlorobiphenyl (BZ 171)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,2',3,3',4,4'-Hexachlorobiphenyl (BZ 128)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,2',3,3',4,5',6'-Heptachlorobiphenyl (BZ 177)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,2',3,3',4,5',6,6'-Octachlorobiphenyl (BZ 201)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,2',3,3',4,5',6-Heptachlorobiphenyl (BZ 175)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,2',3,3',4,5'-Hexachlorobiphenyl (BZ 130)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,2',3,3',4,5,5',6'-Octachlorobiphenyl (BZ 199)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,2',3,3',4,5,5',6,6'-Nonachlorobiphenyl (BZ 208)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,2',3,3',4,5,5',6-Octachlorobiphenyl (BZ 198)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,2',3,3',4,5,5'-Heptachlorobiphenyl (BZ 172)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,2',3,3',4,5,6'-Heptachlorobiphenyl (BZ 174)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,2',3,3',4,5,6,6'-Octachlorobiphenyl (BZ 200)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,2',3,3',4,5,6-Heptachlorobiphenyl (BZ 173)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,2',3,3',4,5-Hexachlorobiphenyl (BZ 129)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,2',3,3',4,6'-Hexachlorobiphenyl (BZ 132)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,2',3,3',4,6,6'-Heptachlorobiphenyl (BZ 176)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,2',3,3',4,6-Hexachlorobiphenyl (BZ 131)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,2',3,3',4-Pentachlorobiphenyl (BZ 82)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,2',3,3',5,5',6,6'-Octachlorobiphenyl (BZ 202)	NELAP	PA	02/01/2013
EPA 1668	A, C	2,2',3,3',5,5',6-Heptachlorobiphenyl (BZ 178)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,2',3,3',5,5'-Hexachlorobiphenyl (BZ 133)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,2',3,3',5,6'-Hexachlorobiphenyl (BZ 135)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,2',3,3',5,6,6'-Heptachlorobiphenyl (BZ 179)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,2',3,3',5,6-Hexachlorobiphenyl (BZ 134)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,2',3,3',5-Pentachlorobiphenyl (BZ 83)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,2',3,3',6,6'-Hexachlorobiphenyl (BZ 136)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,2',3,3',6-Pentachlorobiphenyl (BZ 84)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,2',3,3'-Tetrachlorobiphenyl (BZ 40)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,2',3,4',5',6'-Hexachlorobiphenyl (BZ 149)	NELAP	PA	12/17/2012

*Donna T. Hausler*

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**Eurofins Lancaster Laboratories Environmental LLC**  
**2425 New Holland Pike**  
**Lancaster, PA 17601-5994**  
**(717) 656-2300**

**DEP Laboratory ID: 36-00037**  
**EPA Lab Code: PA00009**  
**TNI Code: TNI02128**  
**PADWIS ID: 36037**

**Matrix: Non-Potable Water**

<b>Method</b>	<b>Revision</b>	<b>Analyte</b>	<b>Accreditation Type</b>	<b>Primary State</b>	<b>Effective Date</b>
EPA 1668	A, C	2,2',3,4',5'-Pentachlorobiphenyl (BZ 97)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,2',3,4',5,5',6-Heptachlorobiphenyl (BZ 187)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,2',3,4',5,5'-Hexachlorobiphenyl (BZ 146)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,2',3,4',5,6'-Hexachlorobiphenyl (BZ 148)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,2',3,4',5,6,6'-Heptachlorobiphenyl (BZ 188)	NELAP	PA	02/01/2013
EPA 1668	A, C	2,2',3,4',5,6-Hexachlorobiphenyl (BZ 147)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,2',3,4',5-Pentachlorobiphenyl (BZ 90)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,2',3,4',6'-Pentachlorobiphenyl (BZ 98)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,2',3,4',6,6'-Hexachlorobiphenyl (BZ 150)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,2',3,4',6-Pentachlorobiphenyl (BZ 91)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,2',3,4'-Tetrachlorobiphenyl (BZ 42)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,2',3,4,4',5',6-Heptachlorobiphenyl (BZ 183)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,2',3,4,4',5'-Hexachlorobiphenyl (BZ 138)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,2',3,4,4',5,5',6-Octachlorobiphenyl (BZ 203)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,2',3,4,4',5,5'-Heptachlorobiphenyl (BZ 180)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,2',3,4,4',5,6'-Heptachlorobiphenyl (BZ 182)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,2',3,4,4',5,6,6'-Octachlorobiphenyl (BZ 204)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,2',3,4,4',5,6-Heptachlorobiphenyl (BZ 181)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,2',3,4,4',5-Hexachlorobiphenyl (BZ 137)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,2',3,4,4',6'-Hexachlorobiphenyl (BZ 140)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,2',3,4,4',6,6'-Heptachlorobiphenyl (BZ 184)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,2',3,4,4',6-Hexachlorobiphenyl (BZ 139)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,2',3,4,4'-Pentachlorobiphenyl (BZ 85)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,2',3,4,5',6-Hexachlorobiphenyl (BZ 144)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,2',3,4,5'-Pentachlorobiphenyl (BZ 87)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,2',3,4,5,5',6-Heptachlorobiphenyl (BZ 185)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,2',3,4,5,5'-Hexachlorobiphenyl (BZ 141)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,2',3,4,5,6'-Hexachlorobiphenyl (BZ 143)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,2',3,4,5,6,6'-Heptachlorobiphenyl (BZ 186)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,2',3,4,5,6-Hexachlorobiphenyl (BZ 142)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,2',3,4,5-Pentachlorobiphenyl (BZ 86)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,2',3,4,6'-Pentachlorobiphenyl (BZ 89)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,2',3,4,6,6'-Hexachlorobiphenyl (BZ 145)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,2',3,4,6-Pentachlorobiphenyl (BZ 88)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,2',3,4-Tetrachlorobiphenyl (BZ 41)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,2',3,5',6-Pentachlorobiphenyl (BZ 95)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,2',3,5'-Tetrachlorobiphenyl (BZ 44)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,2',3,5,5',6-Hexachlorobiphenyl (BZ 151)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,2',3,5,5'-Pentachlorobiphenyl (BZ 92)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,2',3,5,6'-Pentachlorobiphenyl (BZ 94)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,2',3,5,6,6'-Hexachlorobiphenyl (BZ 152)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,2',3,5,6-Pentachlorobiphenyl (BZ 93)	NELAP	PA	12/17/2012

*Doreen T. Mansueti*

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**DEP Laboratory ID: 36-00037**  
**EPA Lab Code: PA00009**  
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**Matrix: Non-Potable Water**

Method	Revision	Analyte	Accreditation Type	Primary State	Effective Date
EPA 1668	A, C	2,2',3,5-Tetrachlorobiphenyl (BZ 43)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,2',3,6'-Tetrachlorobiphenyl (BZ 46)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,2',3,6,6'-Pentachlorobiphenyl (BZ 96)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,2',3,6-Tetrachlorobiphenyl (BZ 45)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,2',3-Trichlorobiphenyl (BZ 16)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,2',4,4',5,5'-Hexachlorobiphenyl (BZ 153)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,2',4,4',5,6'-Hexachlorobiphenyl (BZ 154)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,2',4,4',5-Pentachlorobiphenyl (BZ 99)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,2',4,4',6,6'-Hexachlorobiphenyl (BZ 155)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,2',4,4',6-Pentachlorobiphenyl (BZ 100)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,2',4,4'-Tetrachlorobiphenyl (BZ 47)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,2',4,5',6-Pentachlorobiphenyl (BZ 103)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,2',4,5'-Tetrachlorobiphenyl (BZ 49)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,2',4,5,5'-Pentachlorobiphenyl (BZ 101)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,2',4,5,6'-Pentachlorobiphenyl (BZ 102)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,2',4,5-Tetrachlorobiphenyl (BZ 48)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,2',4,6'-Tetrachlorobiphenyl (BZ 51)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,2',4,6,6'-Pentachlorobiphenyl (BZ 104)	NELAP	PA	02/01/2013
EPA 1668	A, C	2,2',4,6-Tetrachlorobiphenyl (BZ 50)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,2',4-Trichlorobiphenyl (BZ 17)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,2',5,5'-Tetrachlorobiphenyl (BZ 52)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,2',5,6'-Tetrachlorobiphenyl (BZ 53)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,2',5-Trichlorobiphenyl (BZ 18)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,2',6,6'-Tetrachlorobiphenyl (BZ 54)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,2',6-Trichlorobiphenyl (BZ 19)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,2'-Dichlorobiphenyl (BZ 4)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,3',4',5',6-Pentachlorobiphenyl (BZ 125)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,3',4',5'-Tetrachlorobiphenyl (BZ 76)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,3',4',5,5'-Pentachlorobiphenyl (BZ 124)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,3',4',5-Tetrachlorobiphenyl (BZ 70)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,3',4',6-Tetrachlorobiphenyl (BZ 71)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,3',4'-Trichlorobiphenyl (BZ 33)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,3',4,4',5',6-Hexachlorobiphenyl (BZ 168)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,3',4,4',5'-Pentachlorobiphenyl (BZ 123)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,3',4,4',5,5'-Hexachlorobiphenyl (BZ 167)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,3',4,4',5-Pentachlorobiphenyl (BZ 118)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,3',4,4',6-Pentachlorobiphenyl (BZ 119)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,3',4,4'-Tetrachlorobiphenyl (BZ 66)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,3',4,5',6-Pentachlorobiphenyl (BZ 121)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,3',4,5'-Tetrachlorobiphenyl (BZ 68)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,3',4,5,5'-Pentachlorobiphenyl (BZ 120)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,3',4,5-Tetrachlorobiphenyl (BZ 67)	NELAP	PA	12/17/2012

*Donna T. Haus*

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**Eurofins Lancaster Laboratories Environmental LLC**  
2425 New Holland Pike  
Lancaster, PA 17601-5994  
(717) 656-2300

DEP Laboratory ID: 36-00037  
EPA Lab Code: PA00009  
TNI Code: TNI02128  
PADWIS ID: 36037

**Matrix: Non-Potable Water**

Method	Revision	Analyte	Accreditation Type	Primary State	Effective Date
EPA 1668	A, C	2,3',4,6-Tetrachlorobiphenyl (BZ 69)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,3',4-Trichlorobiphenyl (BZ 25)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,3',5',6-Tetrachlorobiphenyl (BZ 73)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,3',5'-Trichlorobiphenyl (BZ 34)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,3',5,5'-Tetrachlorobiphenyl (BZ 72)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,3',5-Trichlorobiphenyl (BZ 26)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,3',6-Trichlorobiphenyl (BZ 27)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,3'-Dichlorobiphenyl (BZ 6)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,3,3',4',5',6-Hexachlorobiphenyl (BZ 164)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,3,3',4',5'-Pentachlorobiphenyl (BZ 122)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,3,3',4',5,5',6-Heptachlorobiphenyl (BZ 193)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,3,3',4',5,5'-Hexachlorobiphenyl (BZ 162)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,3,3',4',5,6-Hexachlorobiphenyl (BZ 163)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,3,3',4',5-Pentachlorobiphenyl (BZ 107)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,3,3',4',6-Pentachlorobiphenyl (BZ 110)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,3,3',4'-Tetrachlorobiphenyl (BZ 56)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,3,3',4,4',5',6-Heptachlorobiphenyl (BZ 191)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,3,3',4,4',5'-Hexachlorobiphenyl (BZ 157)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,3,3',4,4',5,5',6-Octachlorobiphenyl (BZ 205)	NELAP	PA	02/01/2013
EPA 1668	A, C	2,3,3',4,4',5,5'-Heptachlorobiphenyl (BZ 189)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,3,3',4,4',5,6-Heptachlorobiphenyl (BZ 190)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,3,3',4,4',5-Hexachlorobiphenyl (BZ 156)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,3,3',4,4',6-Hexachlorobiphenyl (BZ 158)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,3,3',4,4'-Pentachlorobiphenyl (BZ 105)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,3,3',4,5',6-Hexachlorobiphenyl (BZ 161)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,3,3',4,5'-Pentachlorobiphenyl (BZ 108)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,3,3',4,5,5',6-Heptachlorobiphenyl (BZ 192)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,3,3',4,5,5'-Hexachlorobiphenyl (BZ 159)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,3,3',4,5,6-Hexachlorobiphenyl (BZ 160)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,3,3',4,5-Pentachlorobiphenyl (BZ 106)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,3,3',4,6-Pentachlorobiphenyl (BZ 109)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,3,3',4-Tetrachlorobiphenyl (BZ 55)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,3,3',5',6-Pentachlorobiphenyl (BZ 113)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,3,3',5'-Tetrachlorobiphenyl (BZ 58)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,3,3',5,5',6-Hexachlorobiphenyl (BZ 165)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,3,3',5,5'-Pentachlorobiphenyl (BZ 111)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,3,3',5,6-Pentachlorobiphenyl (BZ 112)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,3,3',5-Tetrachlorobiphenyl (BZ 57)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,3,3',6-Tetrachlorobiphenyl (BZ 59)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,3,3'-Trichlorobiphenyl (BZ 20)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,3,4',5,6-Pentachlorobiphenyl (BZ 117)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,3,4',5-Tetrachlorobiphenyl (BZ 63)	NELAP	PA	12/17/2012

*Dana T. Mansell*

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**Euofins Lancaster Laboratories Environmental LLC**  
2425 New Holland Pike  
Lancaster, PA 17601-5994  
(717) 656-2300

**DEP Laboratory ID: 36-00037**  
**EPA Lab Code: PA00009**  
**TNI Code: TNI02128**  
**PADWIS ID: 36037**

**Matrix: Non-Potable Water**

Method	Revision	Analyte	Accreditation Type	Primary State	Effective Date
EPA 1668	A, C	2,3,4',6-Tetrachlorobiphenyl (BZ 64)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,3,4'-Trichlorobiphenyl (BZ 22)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,3,4,4',5,6-Hexachlorobiphenyl (BZ 166)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,3,4,4',5-Pentachlorobiphenyl (BZ 114)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,3,4,4',6-Pentachlorobiphenyl (BZ 115)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,3,4,4'-Tetrachlorobiphenyl (BZ 60)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,3,4,5,6-Pentachlorobiphenyl (BZ 116)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,3,4,5-Tetrachlorobiphenyl (BZ 61)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,3,4,6-Tetrachlorobiphenyl (BZ 62)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,3,4-Trichlorobiphenyl (BZ 21)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,3,5,6-Tetrachlorobiphenyl (BZ 65)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,3,5-Trichlorobiphenyl (BZ 23)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,3,6-Trichlorobiphenyl (BZ 24)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,3-Dichlorobiphenyl (BZ 5)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,4',5-Trichlorobiphenyl (BZ 31)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,4',6-Trichlorobiphenyl (BZ 32)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,4'-Dichlorobiphenyl (BZ 8)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,4,4',5-Tetrachlorobiphenyl (BZ 74)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,4,4',6-Tetrachlorobiphenyl (BZ 75)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,4,4'-Trichlorobiphenyl (BZ 28)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,4,5-Trichlorobiphenyl (BZ 29)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,4,6-Trichlorobiphenyl (BZ 30)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,4-Dichlorobiphenyl (BZ 7)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,5-Dichlorobiphenyl (BZ 9)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,6-Dichlorobiphenyl (BZ 10)	NELAP	PA	12/17/2012
EPA 1668	A, C	2-Chlorobiphenyl (BZ 1)	NELAP	PA	12/17/2012
EPA 1668	A, C	3,3',4,4',5,5'-Hexachlorobiphenyl (BZ 169)	NELAP	PA	12/17/2012
EPA 1668	A, C	3,3',4,4',5-Pentachlorobiphenyl (BZ 126)	NELAP	PA	12/17/2012
EPA 1668	A, C	3,3',4,4'-Tetrachlorobiphenyl (BZ 77)	NELAP	PA	12/17/2012
EPA 1668	A, C	3,3',4,5'-Tetrachlorobiphenyl (BZ 79)	NELAP	PA	12/17/2012
EPA 1668	A, C	3,3',4,5,5'-Pentachlorobiphenyl (BZ 127)	NELAP	PA	12/17/2012
EPA 1668	A, C	3,3',4,5-Tetrachlorobiphenyl (BZ 78)	NELAP	PA	12/17/2012
EPA 1668	A, C	3,3',4-Trichlorobiphenyl (BZ 35)	NELAP	PA	12/17/2012
EPA 1668	A, C	3,3',5,5'-Tetrachlorobiphenyl (BZ 80)	NELAP	PA	12/17/2012
EPA 1668	A, C	3,3',5-Trichlorobiphenyl (BZ 36)	NELAP	PA	12/17/2012
EPA 1668	A, C	3,3'-Dichlorobiphenyl (BZ 11)	NELAP	PA	12/17/2012
EPA 1668	A, C	3,4',5-Trichlorobiphenyl (BZ 39)	NELAP	PA	12/17/2012
EPA 1668	A, C	3,4'-Dichlorobiphenyl (BZ 13)	NELAP	PA	12/17/2012
EPA 1668	A, C	3,4,4',5-Tetrachlorobiphenyl (BZ 81)	NELAP	PA	12/17/2012
EPA 1668	A, C	3,4,4'-Trichlorobiphenyl (BZ 37)	NELAP	PA	12/17/2012
EPA 1668	A, C	3,4,5-Trichlorobiphenyl (BZ 38)	NELAP	PA	12/17/2012
EPA 1668	A, C	3,4-Dichlorobiphenyl (BZ 12)	NELAP	PA	12/17/2012

*Donna T. Haus*

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**Eurofins Lancaster Laboratories Environmental LLC**  
2425 New Holland Pike  
Lancaster, PA 17601-5994  
(717) 656-2300

**DEP Laboratory ID: 36-00037**  
**EPA Lab Code: PA00009**  
**TNI Code: TNI02128**  
**PADWIS ID: 36037**

**Matrix: Non-Potable Water**

Method	Revision	Analyte	Accreditation Type	Primary State	Effective Date
EPA 1668	A, C	3,5-Dichlorobiphenyl (BZ 14)	NELAP	PA	12/17/2012
EPA 1668	A, C	3-Chlorobiphenyl (BZ 2)	NELAP	PA	12/17/2012
EPA 1668	A, C	4,4'-Dichlorobiphenyl (BZ 15)	NELAP	PA	12/17/2012
EPA 1668	A, C	4-Chlorobiphenyl (BZ 3)	NELAP	PA	12/17/2012
EPA 1668	A, C	Decachlorobiphenyl	NELAP	PA	02/01/2013
EPA 1671	A	Acetonitrile	NELAP	PA	01/19/2005
EPA 1671	A	Diethylamine	NELAP	PA	01/19/2005
EPA 1671	A	Dimethyl sulfoxide	NELAP	PA	01/19/2005
EPA 1671	A	Ethanol	NELAP	PA	01/19/2005
EPA 1671	A	Methanol	NELAP	PA	01/19/2005
EPA 1671	A	Methyl cellosolve (2-Methoxyethanol)	NELAP	PA	01/19/2005
EPA 1671	A	Triethylamine	NELAP	PA	01/19/2005
EPA 1671	A	n-Propanol (1-Propanol)	NELAP	PA	01/19/2005
EPA 170.1		Temperature, deg. C	NELAP	PA	04/04/2005
EPA 180.1		Turbidity	NELAP	PA	01/19/2005
EPA 200.7	4.4	Aluminum	NELAP	PA	05/01/2020
EPA 200.7	4.4	Antimony	NELAP	PA	01/19/2005
EPA 200.7	4.4	Arsenic	NELAP	PA	01/19/2005
EPA 200.7	4.4	Barium	NELAP	PA	01/19/2005
EPA 200.7	4.4	Beryllium	NELAP	PA	01/19/2005
EPA 200.7	4.4	Boron	NELAP	PA	01/19/2005
EPA 200.7	4.4	Cadmium	NELAP	PA	01/19/2005
EPA 200.7	4.4	Calcium	NELAP	PA	01/19/2005
EPA 200.7	4.4	Chromium	NELAP	PA	01/19/2005
EPA 200.7	4.4	Cobalt	NELAP	PA	01/19/2005
EPA 200.7	4.4	Copper	NELAP	PA	01/19/2005
EPA 200.7	4.4	Iron	NELAP	PA	01/19/2005
EPA 200.7	4.4	Lead	NELAP	PA	01/19/2005
EPA 200.7	4.4	Lithium	NELAP	PA	02/07/2012
EPA 200.7	4.4	Magnesium	NELAP	PA	01/19/2005
EPA 200.7	4.4	Manganese	NELAP	PA	01/19/2005
EPA 200.7	4.4	Molybdenum	NELAP	PA	01/19/2005
EPA 200.7	4.4	Nickel	NELAP	PA	01/19/2005
EPA 200.7	4.4	Potassium	NELAP	PA	01/19/2005
EPA 200.7	4.4	Selenium	NELAP	PA	01/19/2005
EPA 200.7	4.4	Silver	NELAP	PA	04/04/2005
EPA 200.7	4.4	Sodium	NELAP	PA	01/19/2005
EPA 200.7	4.4	Strontium	NELAP	PA	05/24/2011
EPA 200.7	4.4	Tellurium	NELAP	PA	02/04/2016
EPA 200.7	4.4	Thallium	NELAP	PA	05/01/2020
EPA 200.7	4.4	Thorium	NELAP	PA	11/19/2015
EPA 200.7	4.4	Tin	NELAP	PA	01/19/2005

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**2425 New Holland Pike**  
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**(717) 656-2300**

**DEP Laboratory ID: 36-00037**  
**EPA Lab Code: PA00009**  
**TNI Code: TNI02128**  
**PADWIS ID: 36037**

**Matrix: Non-Potable Water**

Method	Revision	Analyte	Accreditation Type	Primary State	Effective Date
EPA 200.7	4.4	Titanium	NELAP	PA	01/19/2005
EPA 200.7	4.4	Tungsten	NELAP	PA	11/19/2015
EPA 200.7	4.4	Vanadium	NELAP	PA	01/19/2005
EPA 200.7	4.4	Zinc	NELAP	PA	01/19/2005
EPA 200.7	4.4	Zirconium	NELAP	PA	07/29/2015
EPA 200.8	5.4	Aluminum	NELAP	PA	01/07/2010
EPA 200.8	5.4	Antimony	NELAP	PA	04/04/2005
EPA 200.8	5.4	Arsenic	NELAP	PA	04/04/2005
EPA 200.8	5.4	Barium	NELAP	PA	04/04/2005
EPA 200.8	5.4	Beryllium	NELAP	PA	04/04/2005
EPA 200.8	5.4	Cadmium	NELAP	PA	04/04/2005
EPA 200.8	5.4	Calcium	NELAP	PA	01/07/2010
EPA 200.8	5.4	Chromium	NELAP	PA	04/04/2005
EPA 200.8	5.4	Cobalt	NELAP	PA	11/23/2010
EPA 200.8	5.4	Copper	NELAP	PA	04/04/2005
EPA 200.8	5.4	Iron	NELAP	PA	11/23/2010
EPA 200.8	5.4	Lead	NELAP	PA	04/04/2005
EPA 200.8	5.4	Magnesium	NELAP	PA	01/07/2010
EPA 200.8	5.4	Manganese	NELAP	PA	11/23/2010
EPA 200.8	5.4	Molybdenum	NELAP	PA	01/07/2010
EPA 200.8	5.4	Nickel	NELAP	PA	04/04/2005
EPA 200.8	5.4	Potassium	NELAP	PA	01/07/2010
EPA 200.8	5.4	Selenium	NELAP	PA	12/12/2005
EPA 200.8	5.4	Silver	NELAP	PA	05/01/2020
EPA 200.8	5.4	Sodium	NELAP	PA	01/07/2010
EPA 200.8	5.4	Strontium	NELAP	PA	01/07/2010
EPA 200.8	5.4	Thallium	NELAP	PA	05/31/2006
EPA 200.8	5.4	Tin	NELAP	PA	01/07/2010
EPA 200.8	5.4	Titanium	NELAP	PA	09/19/2019
EPA 200.8	5.4	Uranium (mass)	NELAP	PA	11/19/2015
EPA 200.8	5.4	Vanadium	NELAP	PA	01/07/2010
EPA 200.8	5.4	Zinc	NELAP	PA	01/18/2011
EPA 218.6		Chromium VI	NELAP	PA	04/04/2005
EPA 245.1	3.0	Mercury	NELAP	PA	01/19/2005
EPA 300.0	2.1	Bromide	NELAP	PA	04/04/2005
EPA 300.0	2.1	Chloride	NELAP	PA	01/19/2005
EPA 300.0	2.1	Fluoride	NELAP	PA	05/25/2005
EPA 300.0	2.1	Nitrate as N	NELAP	PA	01/19/2005
EPA 300.0	2.1	Nitrite as N	NELAP	PA	01/19/2005
EPA 300.0	2.1	Sulfate	NELAP	PA	01/19/2005
EPA 3005	A	Preconcentration under acid	NELAP	PA	12/12/2005
EPA 3010	A	Hot plate acid digestion (HNO3 + HCl)	NELAP	PA	12/12/2005

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**DEP Laboratory ID: 36-00037**  
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**TNI Code: TNI02128**  
**PADWIS ID: 36037**

**Matrix: Non-Potable Water**

Method	Revision	Analyte	Accreditation Type	Primary State	Effective Date
EPA 3020	A	Hot plate acid digestion (HNO3 only)	NELAP	PA	12/12/2005
EPA 305.2		Acidity as CaCO3	NELAP	PA	03/27/2018
EPA 3060	A	Alkaline digestion of Cr(VI)	NELAP	PA	01/24/2007
EPA 310.1		Alkalinity as CaCO3	NELAP	PA	11/19/2015
EPA 335.4		Total cyanide	NELAP	PA	01/19/2005
EPA 350.1	2.0	Ammonia as N	NELAP	PA	10/09/2013
EPA 350.3		Ammonia as N	NELAP	PA	01/19/2016
EPA 3510	C	Separatory funnel liquid-liquid extraction	NELAP	PA	12/12/2005
EPA 3511		Organic compounds in water by microextraction	NELAP	PA	03/07/2012
EPA 3520	C	Continuous liquid-liquid extraction	NELAP	PA	12/12/2005
EPA 353.2		Nitrate as N	NELAP	PA	01/19/2005
EPA 353.2		Nitrite as N	NELAP	PA	01/19/2005
EPA 353.2		Total nitrate-nitrite	NELAP	PA	04/04/2005
EPA 3620	B	Florisil cleanup	NELAP	PA	12/12/2005
EPA 3620	C	Florisil cleanup	NELAP	PA	09/04/2018
EPA 3630	C	Silica gel cleanup	NELAP	PA	12/12/2005
EPA 3640	A	Gel permeation cleanup (GPC)	NELAP	PA	12/12/2005
EPA 3660	B	Sulfur cleanup	NELAP	PA	12/12/2005
EPA 370.1		Silica, dissolved	NELAP	PA	11/19/2015
EPA 375.4		Sulfate	NELAP	PA	04/04/2005
EPA 410.4	2.0	Chemical oxygen demand (COD)	NELAP	PA	04/01/2005
EPA 415.1		Total organic carbon (TOC)	NELAP	PA	01/19/2005
EPA 420.4		Total phenolics	NELAP	PA	04/17/2007
EPA 425.1		Surfactants as MBAS	NELAP	PA	01/19/2005
EPA 5030	B	Aqueous-phase purge-and-trap	NELAP	PA	12/12/2005
EPA 5030	C	Aqueous-phase purge-and-trap	NELAP	PA	01/27/2014
EPA 524.2	4.1	1,2,4-Trimethylbenzene	NELAP	PA	05/14/2018
EPA 524.2	4.1	1,2-Dichlorobenzene (o-Dichlorobenzene)	NELAP	PA	01/18/2011
EPA 524.2	4.1	1,2-Dichloroethane	NELAP	PA	01/18/2011
EPA 524.2	4.1	1,3,5-Trimethylbenzene	NELAP	PA	05/14/2018
EPA 524.2	4.1	4-Methyl-2-pentanone (MIBK)	NELAP	PA	05/24/2011
EPA 524.2	4.1	Acetone	NELAP	PA	01/18/2011
EPA 524.2	4.1	Acrolein (Propenal)	NELAP	PA	11/19/2015
EPA 524.2	4.1	Benzene	NELAP	PA	01/18/2011
EPA 524.2	4.1	Chlorobenzene	NELAP	PA	01/18/2011
EPA 524.2	4.1	Chloroform	NELAP	PA	01/18/2011
EPA 524.2	4.1	Dichlorodifluoromethane (Freon 12)	NELAP	PA	11/19/2015
EPA 524.2	4.1	Diisopropyl ether (DIPE)	NELAP	PA	11/19/2015
EPA 524.2	4.1	Ethyl tert-butyl ether (ETBE)	NELAP	PA	11/19/2015
EPA 524.2	4.1	Ethylbenzene	NELAP	PA	05/14/2018
EPA 524.2	4.1	Isopropylbenzene (Cumene)	NELAP	PA	05/14/2018
EPA 524.2	4.1	Methylene chloride (Dichloromethane)	NELAP	PA	05/24/2011

*Doreen T. Hausler*

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**Eurofins Lancaster Laboratories Environmental LLC**  
2425 New Holland Pike  
Lancaster, PA 17601-5994  
(717) 656-2300

**DEP Laboratory ID: 36-00037**  
**EPA Lab Code: PA00009**  
**TNI Code: TNI02128**  
**PADWIS ID: 36037**

**Matrix: Non-Potable Water**

Method	Revision	Analyte	Accreditation Type	Primary State	Effective Date
EPA 524.2	4.1	Naphthalene	NELAP	PA	05/14/2018
EPA 524.2	4.1	Tetrahydrofuran (THF)	NELAP	PA	05/24/2011
EPA 524.2	4.1	Toluene	NELAP	PA	01/18/2011
EPA 524.2	4.1	m+p-Xylene	NELAP	PA	07/25/2011
EPA 524.2	4.1	n-Butylbenzene	NELAP	PA	05/14/2018
EPA 524.2	4.1	n-Hexane	NELAP	PA	11/19/2015
EPA 524.2	4.1	n-Propylbenzene	NELAP	PA	05/14/2018
EPA 524.2	4.1	o-Xylene	NELAP	PA	05/24/2011
EPA 524.2	4.1	p-Isopropyltoluene (4-Isopropyltoluene)	NELAP	PA	05/14/2018
EPA 524.2	4.1	sec-Butylbenzene	NELAP	PA	05/14/2018
EPA 524.2	4.1	tert-Amyl methyl ether (TAME)	NELAP	PA	11/19/2015
EPA 531.1	3.1	3-Hydroxycarbofuran	NELAP	PA	11/19/2015
EPA 531.1	3.1	Aldicarb (Temik)	NELAP	PA	11/19/2015
EPA 531.1	3.1	Aldicarb sulfone	NELAP	PA	11/19/2015
EPA 531.1	3.1	Aldicarb sulfoxide	NELAP	PA	11/19/2015
EPA 531.1	3.1	Methiocarb (Mesuro)	NELAP	PA	11/19/2015
EPA 531.1	3.1	Methomyl (Lannate)	NELAP	PA	11/19/2015
EPA 531.1	3.1	Propoxur (Baygon)	NELAP	PA	11/19/2015
EPA 537 Isotope Dilution	1.1	10:2 Fluorotelomersulfonate (10:2 FTS)	NELAP	PA	08/30/2019
EPA 537 Isotope Dilution	1.1	1H, 1H, 2H, 2H-Perfluorodecane sulfonic acid (8:2-FTS)	NELAP	PA	11/04/2019
EPA 537 Isotope Dilution	1.1	1H, 1H, 2H, 2H-Perfluorododecane sulfonic acid (10:2-FTS)	NELAP	PA	11/04/2019
EPA 537 Isotope Dilution	1.1	1H, 1H, 2H, 2H-Perfluorohexane sulfonic acid (4:2-FTS)	NELAP	PA	11/04/2019
EPA 537 Isotope Dilution	1.1	1H, 1H, 2H, 2H-Perfluorooctane sulfonic acid (6:2-FTS)	NELAP	PA	11/04/2019
EPA 537 Isotope Dilution	1.1	4:2 Fluorotelomer sulfonate (4:2 FTS)	NELAP	PA	08/30/2019
EPA 537 Isotope Dilution	1.1	6:2 Fluorotelomersulfonate (6:2FTS)	NELAP	PA	08/30/2019
EPA 537 Isotope Dilution	1.1	8:2 Fluorotelomersulfonate (8:2FTS)	NELAP	PA	08/30/2019
EPA 537 Isotope Dilution	1.1	N-Ethylperfluorooctanesulfonamide (EIFOSA)	NELAP	PA	08/30/2019
EPA 537 Isotope Dilution	1.1	N-Methylperfluorooctanesulfonamide (MeFOSA)	NELAP	PA	08/30/2019
EPA 537 Isotope Dilution	1.1	N-ethylperfluoro-1-octanesulfonamido ethanol (N-EIFOSE)	NELAP	PA	08/30/2019
EPA 537 Isotope Dilution	1.1	N-methylperfluoro-1-octanesulfonamido ethanol (N-MeFOSE)	NELAP	PA	08/30/2019
EPA 537 Isotope Dilution	1.1	Perfluorobutanesulfonic acid (PFBS)	NELAP	PA	08/30/2019
EPA 537 Isotope Dilution	1.1	Perfluorobutyric acid (PFBA)	NELAP	PA	08/30/2019

*Doreen T. Hausler*

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2425 New Holland Pike  
Lancaster, PA 17601-5994  
(717) 656-2300

**DEP Laboratory ID: 36-00037**  
**EPA Lab Code: PA00009**  
**TNI Code: TNI02128**  
**PADWIS ID: 36037**

**Matrix: Non-Potable Water**

Method	Revision	Analyte	Accreditation Type	Primary State	Effective Date
EPA 537 Isotope Dilution	1.1	Perfluorodecane sulfonate (PFDS)	NELAP	PA	08/30/2019
EPA 537 Isotope Dilution	1.1	Perfluorodecane sulfonic acid (PFDS)	NELAP	PA	11/04/2019
EPA 537 Isotope Dilution	1.1	Perfluorodecanoic acid (PFDA)	NELAP	PA	08/30/2019
EPA 537 Isotope Dilution	1.1	Perfluorododecane sulfonate	NELAP	PA	08/30/2019
EPA 537 Isotope Dilution	1.1	Perfluorododecane sulfonic acid (PFDoS)	NELAP	PA	11/04/2019
EPA 537 Isotope Dilution	1.1	Perfluorododecanoic acid (PFDoA)	NELAP	PA	08/30/2019
EPA 537 Isotope Dilution	1.1	Perfluoroheptanesulfonic acid (PFHpS)	NELAP	PA	08/30/2019
EPA 537 Isotope Dilution	1.1	Perfluoroheptanoic acid (PFHpA)	NELAP	PA	08/30/2019
EPA 537 Isotope Dilution	1.1	Perfluorohexadecanoic acid (PFHxDA)	NELAP	PA	08/30/2019
EPA 537 Isotope Dilution	1.1	Perfluorohexanesulfonic acid (PFHxS)	NELAP	PA	08/30/2019
EPA 537 Isotope Dilution	1.1	Perfluorohexanoic acid (PFHxA)	NELAP	PA	08/30/2019
EPA 537 Isotope Dilution	1.1	Perfluorononane sulfonic acid (PFNS)	NELAP	PA	11/04/2019
EPA 537 Isotope Dilution	1.1	Perfluorononanesulfonate (PFNS)	NELAP	PA	08/30/2019
EPA 537 Isotope Dilution	1.1	Perfluorononanoic acid (PFNA)	NELAP	PA	08/30/2019
EPA 537 Isotope Dilution	1.1	Perfluorooctadecanoic acid (PFODA)	NELAP	PA	08/30/2019
EPA 537 Isotope Dilution	1.1	Perfluorooctane sulfonamide (PFOSA)	NELAP	PA	08/30/2019
EPA 537 Isotope Dilution	1.1	Perfluorooctanesulfonic acid (PFOS)	NELAP	PA	08/30/2019
EPA 537 Isotope Dilution	1.1	Perfluorooctanoic acid (PFOA)	NELAP	PA	08/30/2019
EPA 537 Isotope Dilution	1.1	Perfluoropentane sulfonic acid (PFPeS)	NELAP	PA	11/04/2019
EPA 537 Isotope Dilution	1.1	Perfluoropentanesulfonate (PFPeS)	NELAP	PA	08/30/2019
EPA 537 Isotope Dilution	1.1	Perfluoropentanoic acid (PFPEA)	NELAP	PA	08/30/2019
EPA 537 Isotope Dilution	1.1	Perfluorotetradecanoic acid (PFTA)	NELAP	PA	08/30/2019
EPA 537 Isotope Dilution	1.1	Perfluorotridecanoic acid (PFTrDA)	NELAP	PA	08/30/2019
EPA 537 Isotope Dilution	1.1	Perfluoroundecanoic acid (PFUnA)	NELAP	PA	08/30/2019
EPA 537 Isotope Dilution	1.1	n-Ethyl perfluorooctanesulfonamidoacetic acid (NEFOSAA)	NELAP	PA	08/30/2019

*Donna T. Mansell*

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**EPA Lab Code: PA00009**  
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**PADWIS ID: 36037**

**Matrix: Non-Potable Water**

Method	Revision	Analyte	Accreditation Type	Primary State	Effective Date
EPA 537 Isotope Dilution	1.1	n-Methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	NELAP	PA	08/30/2019
EPA 6010	B, C	Metals by ICP/AES	NELAP	PA	03/26/2012
EPA 6010	D	Metals by ICP/AES	NELAP	PA	07/09/2018
EPA 6010	B, C, D	Aluminum	NELAP	PA	05/01/2020
EPA 6010	B, C, D	Antimony	NELAP	PA	12/12/2005
EPA 6010	B, C, D	Arsenic	NELAP	PA	12/12/2005
EPA 6010	B, C, D	Barium	NELAP	PA	12/12/2005
EPA 6010	B, C, D	Beryllium	NELAP	PA	12/12/2005
EPA 6010	B, C, D	Boron	NELAP	PA	12/12/2005
EPA 6010	B, C, D	Cadmium	NELAP	PA	12/12/2005
EPA 6010	B, C, D	Calcium	NELAP	PA	12/12/2005
EPA 6010	B, C, D	Chromium	NELAP	PA	12/12/2005
EPA 6010	B, C, D	Cobalt	NELAP	PA	12/12/2005
EPA 6010	B, C, D	Copper	NELAP	PA	12/12/2005
EPA 6010	B, C, D	Iron	NELAP	PA	12/12/2005
EPA 6010	B, C, D	Lead	NELAP	PA	12/12/2005
EPA 6010	B, C, D	Lithium	NELAP	PA	01/18/2011
EPA 6010	B, C, D	Magnesium	NELAP	PA	12/12/2005
EPA 6010	B, C, D	Manganese	NELAP	PA	12/12/2005
EPA 6010	B, C, D	Molybdenum	NELAP	PA	12/12/2005
EPA 6010	B, C, D	Nickel	NELAP	PA	12/12/2005
EPA 6010	B, C, D	Potassium	NELAP	PA	12/12/2005
EPA 6010	B, C, D	Selenium	NELAP	PA	12/12/2005
EPA 6010	B, C, D	Silver	NELAP	PA	12/12/2005
EPA 6010	B, C, D	Sodium	NELAP	PA	12/12/2005
EPA 6010	B, C, D	Strontium	NELAP	PA	12/12/2005
EPA 6010	B, C, D	Sulfur	NELAP	PA	12/19/2011
EPA 6010	B, C, D	Tellurium	NELAP	PA	02/04/2016
EPA 6010	B, C, D	Thallium	NELAP	PA	05/01/2020
EPA 6010	B, C, D	Thorium	NELAP	PA	11/19/2015
EPA 6010	B, C, D	Tin	NELAP	PA	12/12/2005
EPA 6010	B, C, D	Titanium	NELAP	PA	12/12/2005
EPA 6010	B, C, D	Tungsten	NELAP	PA	11/19/2015
EPA 6010	B, C, D	Vanadium	NELAP	PA	12/12/2005
EPA 6010	B, C, D	Zinc	NELAP	PA	12/12/2005
EPA 6010	B, C, D	Zirconium	NELAP	PA	07/29/2015
EPA 6020	A	Metals by ICP/MS	NELAP	PA	03/26/2012
EPA 6020	B	Metals by ICP/MS	NELAP	PA	07/09/2018
EPA 6020	A, B	Aluminum	NELAP	PA	01/07/2010
EPA 6020	A, B	Antimony	NELAP	PA	12/12/2005
EPA 6020	A, B	Arsenic	NELAP	PA	12/12/2005

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**Euofins Lancaster Laboratories Environmental LLC**  
2425 New Holland Pike  
Lancaster, PA 17601-5994  
(717) 656-2300

DEP Laboratory ID: 36-00037  
EPA Lab Code: PA00009  
TNI Code: TNI02128  
PADWIS ID: 36037

**Matrix: Non-Potable Water**

Method	Revision	Analyte	Accreditation Type	Primary State	Effective Date
EPA 6020	A, B	Barium	NELAP	PA	12/12/2005
EPA 6020	A, B	Beryllium	NELAP	PA	12/12/2005
EPA 6020	A, B	Cadmium	NELAP	PA	12/12/2005
EPA 6020	A, B	Calcium	NELAP	PA	01/07/2010
EPA 6020	A, B	Chromium	NELAP	PA	12/12/2005
EPA 6020	A, B	Cobalt	NELAP	PA	11/23/2010
EPA 6020	A, B	Copper	NELAP	PA	12/12/2005
EPA 6020	A, B	Iron	NELAP	PA	11/23/2010
EPA 6020	A, B	Lead	NELAP	PA	12/12/2005
EPA 6020	A, B	Magnesium	NELAP	PA	01/07/2010
EPA 6020	A, B	Manganese	NELAP	PA	11/23/2010
EPA 6020	A, B	Molybdenum	NELAP	PA	01/07/2010
EPA 6020	A, B	Nickel	NELAP	PA	07/23/2008
EPA 6020	A, B	Potassium	NELAP	PA	01/07/2010
EPA 6020	A, B	Selenium	NELAP	PA	12/12/2005
EPA 6020	A, B	Silver	NELAP	PA	05/01/2020
EPA 6020	A, B	Sodium	NELAP	PA	01/07/2010
EPA 6020	A, B	Strontium	NELAP	PA	01/07/2010
EPA 6020	A, B	Thallium	NELAP	PA	12/12/2005
EPA 6020	A, B	Tin	NELAP	PA	01/07/2010
EPA 6020	A, B	Uranium (mass)	NELAP	PA	11/19/2015
EPA 6020	A, B	Vanadium	NELAP	PA	01/07/2010
EPA 6020	A, B	Zinc	NELAP	PA	01/18/2011
EPA 6020		Titanium	NELAP	PA	09/19/2019
EPA 608.3		2,4'-DDD	NELAP	PA	05/14/2018
EPA 608.3		2,4'-DDE	NELAP	PA	05/14/2018
EPA 608.3		2,4'-DDT	NELAP	PA	05/14/2018
EPA 608.3		4,4'-DDD	NELAP	PA	05/14/2018
EPA 608.3		4,4'-DDE	NELAP	PA	05/14/2018
EPA 608.3		4,4'-DDT	NELAP	PA	05/14/2018
EPA 608.3		Aldrin (HHDN)	NELAP	PA	05/14/2018
EPA 608.3		Aroclor-1016 (PCB-1016)	NELAP	PA	05/14/2018
EPA 608.3		Aroclor-1221 (PCB-1221)	NELAP	PA	07/16/2018
EPA 608.3		Aroclor-1232 (PCB-1232)	NELAP	PA	07/16/2018
EPA 608.3		Aroclor-1242 (PCB-1242)	NELAP	PA	07/16/2018
EPA 608.3		Aroclor-1248 (PCB-1248)	NELAP	PA	07/16/2018
EPA 608.3		Aroclor-1254 (PCB-1254)	NELAP	PA	07/16/2018
EPA 608.3		Aroclor-1260 (PCB-1260)	NELAP	PA	05/14/2018
EPA 608.3		Chlordane (tech.)	NELAP	PA	05/14/2018
EPA 608.3		Dieldrin	NELAP	PA	07/05/2018
EPA 608.3		Endosulfan I	NELAP	PA	05/14/2018
EPA 608.3		Endosulfan II	NELAP	PA	05/14/2018

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**DEP Laboratory ID: 36-00037**  
**EPA Lab Code: PA00009**  
**TNI Code: TNI02128**  
**PADWIS ID: 36037**

**Matrix: Non-Potable Water**

Method	Revision	Analyte	Accreditation Type	Primary State	Effective Date
EPA 608.3		Endosulfan sulfate	NELAP	PA	05/14/2018
EPA 608.3		Endrin	NELAP	PA	05/14/2018
EPA 608.3		Endrin aldehyde	NELAP	PA	05/14/2018
EPA 608.3		Endrin ketone	NELAP	PA	05/14/2018
EPA 608.3		Heptachlor	NELAP	PA	05/14/2018
EPA 608.3		Heptachlor epoxide	NELAP	PA	05/14/2018
EPA 608.3		Methoxychlor	NELAP	PA	05/14/2018
EPA 608.3		Mirex	NELAP	PA	05/14/2018
EPA 608.3		Telodrin	NELAP	PA	05/14/2018
EPA 608.3		Toxaphene (Chlorinated camphene)	NELAP	PA	05/14/2018
EPA 608.3		alpha-BHC (alpha-Hexachlorocyclohexane)	NELAP	PA	05/14/2018
EPA 608.3		alpha-Chlordane	NELAP	PA	05/14/2018
EPA 608.3		beta-BHC (beta-Hexachlorocyclohexane)	NELAP	PA	05/14/2018
EPA 608.3		delta-BHC (delta-Hexachlorocyclohexane)	NELAP	PA	05/14/2018
EPA 608.3		gamma-BHC (Lindane, gamma-Hexachlorocyclohexane)	NELAP	PA	05/14/2018
EPA 608.3		gamma-Chlordane	NELAP	PA	05/14/2018
EPA 622		Azinphos-methyl (Guthion)	NELAP	PA	06/15/2009
EPA 622		Bolstar (Sulprofos)	NELAP	PA	06/15/2009
EPA 622		Carbophenothion (Trithion)	NELAP	PA	04/28/2010
EPA 622		Chlorpyrifos	NELAP	PA	06/15/2009
EPA 622		Coumaphos	NELAP	PA	06/15/2009
EPA 622		Demeton-O	NELAP	PA	06/15/2009
EPA 622		Demeton-S	NELAP	PA	06/15/2009
EPA 622		Diazinon (Spectracide)	NELAP	PA	06/15/2009
EPA 622		Dichlorovos (DDVP, Dichlorvos)	NELAP	PA	06/15/2009
EPA 622		Disulfoton	NELAP	PA	06/15/2009
EPA 622		EPN (Santox)	NELAP	PA	06/15/2009
EPA 622		Ethion	NELAP	PA	06/15/2009
EPA 622		Ethoprop (Prophos)	NELAP	PA	06/15/2009
EPA 622		Famphur	NELAP	PA	06/15/2009
EPA 622		Fensulfothion	NELAP	PA	06/15/2009
EPA 622		Fenthion	NELAP	PA	06/15/2009
EPA 622		Malathion	NELAP	PA	06/15/2009
EPA 622		Merphos	NELAP	PA	06/15/2009
EPA 622		Methyl parathion (Parathion, methyl)	NELAP	PA	06/15/2009
EPA 622		Mevinphos	NELAP	PA	06/15/2009
EPA 622		Naled	NELAP	PA	06/15/2009
EPA 622		Parathion, ethyl (Ethyl parathion, Parathion)	NELAP	PA	06/15/2009
EPA 622		Phorate (Thimet)	NELAP	PA	06/15/2009
EPA 622		Ronnel	NELAP	PA	06/15/2009
EPA 622		Stirophos (Tetrachlorovinphos)	NELAP	PA	06/15/2009

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**Matrix: Non-Potable Water**

Method	Revision	Analyte	Accreditation Type	Primary State	Effective Date
EPA 622		Tokuthion (Prothiophos)	NELAP	PA	06/15/2009
EPA 622		Trichloronate	NELAP	PA	06/15/2009
EPA 624.1		1,1,1,2-Tetrachloroethane	NELAP	PA	05/14/2018
EPA 624.1		1,1,1-Trichloro-2,2,2-trifluoroethane (Freon 113a)	NELAP	PA	07/16/2018
EPA 624.1		1,1,1-Trichloroethane	NELAP	PA	05/14/2018
EPA 624.1		1,1,2,2-Tetrachloroethane	NELAP	PA	05/14/2018
EPA 624.1		1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	NELAP	PA	05/14/2018
EPA 624.1		1,1,2-Trichloroethane	NELAP	PA	05/14/2018
EPA 624.1		1,1-Dichloroethane	NELAP	PA	05/14/2018
EPA 624.1		1,1-Dichloroethene (1,1-Dichloroethylene)	NELAP	PA	05/14/2018
EPA 624.1		1,1-Dichloropropene	NELAP	PA	05/14/2018
EPA 624.1		1,2,3-Trichlorobenzene	NELAP	PA	05/14/2018
EPA 624.1		1,2,3-Trichloropropane (1,2,3-TCP)	NELAP	PA	05/14/2018
EPA 624.1		1,2,4-Trichlorobenzene	NELAP	PA	05/14/2018
EPA 624.1		1,2,4-Trimethylbenzene	NELAP	PA	05/14/2018
EPA 624.1		1,2-Dibromo-3-chloropropane (DBCP, Dibromochloropropane)	NELAP	PA	05/14/2018
EPA 624.1		1,2-Dibromoethane (EDB, Ethylene dibromide)	NELAP	PA	05/14/2018
EPA 624.1		1,2-Dichlorobenzene (o-Dichlorobenzene)	NELAP	PA	05/14/2018
EPA 624.1		1,2-Dichloroethane	NELAP	PA	05/14/2018
EPA 624.1		1,2-Dichloropropane	NELAP	PA	05/14/2018
EPA 624.1		1,3,5-Trimethylbenzene	NELAP	PA	05/14/2018
EPA 624.1		1,3-Dichlorobenzene (m-Dichlorobenzene)	NELAP	PA	05/14/2018
EPA 624.1		1,3-Dichloropropane	NELAP	PA	05/14/2018
EPA 624.1		1,4-Dichlorobenzene (p-Dichlorobenzene)	NELAP	PA	05/14/2018
EPA 624.1		1,4-Dioxane (1,4-Diethyleneoxide)	NELAP	PA	05/14/2018
EPA 624.1		2,2-Dichloropropane	NELAP	PA	05/14/2018
EPA 624.1		2-Butanone (Methyl ethyl ketone, MEK)	NELAP	PA	05/14/2018
EPA 624.1		2-Chloroethyl vinyl ether	NELAP	PA	07/16/2018
EPA 624.1		2-Chlorotoluene	NELAP	PA	05/14/2018
EPA 624.1		2-Hexanone	NELAP	PA	05/14/2018
EPA 624.1		4-Chlorotoluene	NELAP	PA	05/14/2018
EPA 624.1		4-Methyl-2-pentanone (MIBK)	NELAP	PA	05/14/2018
EPA 624.1		Acetone	NELAP	PA	05/14/2018
EPA 624.1		Acetonitrile	NELAP	PA	05/14/2018
EPA 624.1		Acrolein (Propenal)	NELAP	PA	05/14/2018
EPA 624.1		Acrylonitrile	NELAP	PA	05/14/2018
EPA 624.1		Benzene	NELAP	PA	05/14/2018
EPA 624.1		Benzyl chloride	NELAP	PA	05/14/2018
EPA 624.1		Bromobenzene	NELAP	PA	05/14/2018
EPA 624.1		Bromochloromethane	NELAP	PA	05/14/2018
EPA 624.1		Bromodichloromethane	NELAP	PA	05/14/2018

*Diane T. Haus*

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**Eurofins Lancaster Laboratories Environmental LLC**  
2425 New Holland Pike  
Lancaster, PA 17601-5994  
(717) 656-2300

**DEP Laboratory ID: 36-00037**  
**EPA Lab Code: PA00009**  
**TNI Code: TNI02128**  
**PADWIS ID: 36037**

**Matrix: Non-Potable Water**

Method	Revision	Analyte	Accreditation Type	Primary State	Effective Date
EPA 624.1		Bromoform	NELAP	PA	05/14/2018
EPA 624.1		Carbon disulfide	NELAP	PA	05/14/2018
EPA 624.1		Carbon tetrachloride	NELAP	PA	05/14/2018
EPA 624.1		Chlorobenzene	NELAP	PA	05/14/2018
EPA 624.1		Chlorodifluoromethane (Freon 22)	NELAP	PA	05/14/2018
EPA 624.1		Chloroethane	NELAP	PA	05/14/2018
EPA 624.1		Chloroform	NELAP	PA	07/05/2018
EPA 624.1		Chloroprene (2-Chloro-1,3-butadiene)	NELAP	PA	05/14/2018
EPA 624.1		Cyclohexane	NELAP	PA	05/14/2018
EPA 624.1		Dibromochloromethane	NELAP	PA	05/14/2018
EPA 624.1		Dibromomethane	NELAP	PA	05/14/2018
EPA 624.1		Dichlorodifluoromethane (Freon 12)	NELAP	PA	05/14/2018
EPA 624.1		Dichlorofluoromethane (Freon 21)	NELAP	PA	05/14/2018
EPA 624.1		Diisopropyl ether (DIPE)	NELAP	PA	05/14/2018
EPA 624.1		Ethyl acetate	NELAP	PA	05/14/2018
EPA 624.1		Ethyl methacrylate	NELAP	PA	05/14/2018
EPA 624.1		Ethylbenzene	NELAP	PA	05/14/2018
EPA 624.1		Freon-123A	NELAP	PA	05/14/2018
EPA 624.1		Hexachlorobutadiene (1,3-Hexachlorobutadiene)	NELAP	PA	05/14/2018
EPA 624.1		Isobutyl alcohol (2-Methyl-1-propanol)	NELAP	PA	05/14/2018
EPA 624.1		Isopropyl acetate	NELAP	PA	05/14/2018
EPA 624.1		Isopropyl alcohol (2-Propanol)	NELAP	PA	05/14/2018
EPA 624.1		Isopropylbenzene (Cumene)	NELAP	PA	05/14/2018
EPA 624.1		Methacrylonitrile	NELAP	PA	05/14/2018
EPA 624.1		Methyl bromide (Bromomethane)	NELAP	PA	05/14/2018
EPA 624.1		Methyl chloride (Chloromethane)	NELAP	PA	05/14/2018
EPA 624.1		Methyl iodide (Iodomethane)	NELAP	PA	05/14/2018
EPA 624.1		Methyl tert-butyl ether (MTBE)	NELAP	PA	05/14/2018
EPA 624.1		Methylene chloride (Dichloromethane)	NELAP	PA	05/14/2018
EPA 624.1		Methylmethacrylate	NELAP	PA	05/14/2018
EPA 624.1		Naphthalene	NELAP	PA	05/14/2018
EPA 624.1		Propionitrile (Ethyl cyanide)	NELAP	PA	05/14/2018
EPA 624.1		Styrene	NELAP	PA	05/14/2018
EPA 624.1		Tetrachloroethene (PCE, Perchloroethylene)	NELAP	PA	05/14/2018
EPA 624.1		Tetrahydrofuran (THF)	NELAP	PA	05/14/2018
EPA 624.1		Toluene	NELAP	PA	05/14/2018
EPA 624.1		Trichloroethene (TCE, Trichloroethylene)	NELAP	PA	05/14/2018
EPA 624.1		Trichlorofluoromethane (Freon 11)	NELAP	PA	05/14/2018
EPA 624.1		Vinyl acetate	NELAP	PA	05/14/2018
EPA 624.1		Vinyl chloride (Chloroethene)	NELAP	PA	05/14/2018
EPA 624.1		Xylenes, total	NELAP	PA	05/14/2018
EPA 624.1		cis-1,2-Dichloroethene	NELAP	PA	05/14/2018

*Doreen T. Hausler*

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**Eurofins Lancaster Laboratories Environmental LLC**  
2425 New Holland Pike  
Lancaster, PA 17601-5994  
(717) 656-2300

DEP Laboratory ID: 36-00037  
EPA Lab Code: PA00009  
TNI Code: TNI02128  
PADWIS ID: 36037

**Matrix: Non-Potable Water**

Method	Revision	Analyte	Accreditation Type	Primary State	Effective Date
EPA 624.1		cis-1,3-Dichloropropene	NELAP	PA	05/14/2018
EPA 624.1		cis-1,4-Dichloro-2-butene	NELAP	PA	05/14/2018
EPA 624.1		m+p-Xylene	NELAP	PA	05/14/2018
EPA 624.1		n-Butyl acetate	NELAP	PA	05/14/2018
EPA 624.1		n-Butylbenzene	NELAP	PA	05/14/2018
EPA 624.1		n-Heptane	NELAP	PA	05/14/2018
EPA 624.1		n-Hexane	NELAP	PA	05/14/2018
EPA 624.1		n-Propyl acetate	NELAP	PA	05/14/2018
EPA 624.1		n-Propylbenzene	NELAP	PA	05/14/2018
EPA 624.1		o-Xylene	NELAP	PA	05/14/2018
EPA 624.1		p-Isopropyltoluene (4-Isopropyltoluene)	NELAP	PA	05/14/2018
EPA 624.1		sec-Butylbenzene	NELAP	PA	05/14/2018
EPA 624.1		tert-Amyl ethyl ether (TAEE)	NELAP	PA	05/14/2018
EPA 624.1		tert-Amyl methyl ether (TAME)	NELAP	PA	07/05/2018
EPA 624.1		tert-Butyl alcohol (2-Methyl-2-propanol)	NELAP	PA	05/14/2018
EPA 624.1		tert-Butyl ethyl ether	NELAP	PA	07/16/2018
EPA 624.1		tert-Butylbenzene	NELAP	PA	05/14/2018
EPA 624.1		trans-1,2-Dichloroethene	NELAP	PA	05/14/2018
EPA 624.1		trans-1,3-Dichloropropene	NELAP	PA	05/14/2018
EPA 624.1		trans-1,4-Dichloro-2-butene	NELAP	PA	05/14/2018
EPA 625.1		1,1'-Biphenyl (Biphenyl, Lemonene)	NELAP	PA	05/14/2018
EPA 625.1		1,2,4,5-Tetrachlorobenzene	NELAP	PA	05/14/2018
EPA 625.1		1,2,4-Trichlorobenzene	NELAP	PA	05/14/2018
EPA 625.1		1,2-Dichlorobenzene (o-Dichlorobenzene)	NELAP	PA	05/14/2018
EPA 625.1		1,2-Diphenylhydrazine	NELAP	PA	05/14/2018
EPA 625.1		1,3-Dichlorobenzene (m-Dichlorobenzene)	NELAP	PA	05/14/2018
EPA 625.1		1,4-Dichlorobenzene (p-Dichlorobenzene)	NELAP	PA	05/14/2018
EPA 625.1		1,4-Dioxane (1,4-Diethyleneoxide)	NELAP	PA	05/14/2018
EPA 625.1		1-Methylnaphthalene	NELAP	PA	05/14/2018
EPA 625.1		1-Methylphenanthrene	NELAP	PA	05/14/2018
EPA 625.1		2,2'-oxybis(1-Chloropropane)	NELAP	PA	05/14/2018
EPA 625.1		2,3,4,6-Tetrachlorophenol	NELAP	PA	05/14/2018
EPA 625.1		2,3-Dichloroaniline	NELAP	PA	05/14/2018
EPA 625.1		2,3-Dinitrotoluene	NELAP	PA	05/14/2018
EPA 625.1		2,4,5-Trichlorophenol	NELAP	PA	05/14/2018
EPA 625.1		2,4,6-Trichlorophenol	NELAP	PA	05/14/2018
EPA 625.1		2,4-Dichlorophenol	NELAP	PA	05/14/2018
EPA 625.1		2,4-Dimethylphenol	NELAP	PA	05/14/2018
EPA 625.1		2,4-Dinitrophenol	NELAP	PA	05/14/2018
EPA 625.1		2,4-Dinitrotoluene (2,4-DNT)	NELAP	PA	05/14/2018
EPA 625.1		2,6-Dichlorophenol	NELAP	PA	05/14/2018
EPA 625.1		2,6-Dinitrotoluene (2,6-DNT)	NELAP	PA	05/14/2018

*Doreen T. Hausler*

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**Eurofins Lancaster Laboratories Environmental LLC**  
2425 New Holland Pike  
Lancaster, PA 17601-5994  
(717) 656-2300

**DEP Laboratory ID: 36-00037**  
**EPA Lab Code: PA00009**  
**TNI Code: TNI02128**  
**PADWIS ID: 36037**

**Matrix: Non-Potable Water**

Method	Revision	Analyte	Accreditation Type	Primary State	Effective Date
EPA 625.1		2-Chloronaphthalene	NELAP	PA	05/14/2018
EPA 625.1		2-Chlorophenol	NELAP	PA	05/14/2018
EPA 625.1		2-Methyl-4,6-dinitrophenol (4,6-Dinitro-2-methylphenol)	NELAP	PA	05/14/2018
EPA 625.1		2-Methylnaphthalene	NELAP	PA	05/14/2018
EPA 625.1		2-Methylphenol (o-Cresol)	NELAP	PA	05/14/2018
EPA 625.1		2-Nitroaniline	NELAP	PA	05/14/2018
EPA 625.1		2-Nitrophenol	NELAP	PA	05/14/2018
EPA 625.1		3+4-Methylphenol (m+p-Cresol)	NELAP	PA	05/14/2018
EPA 625.1		3,3'-Dichlorobenzidine	NELAP	PA	05/14/2018
EPA 625.1		3-Nitroaniline	NELAP	PA	05/14/2018
EPA 625.1		4-Bromophenyl phenyl ether	NELAP	PA	05/14/2018
EPA 625.1		4-Chloro-3-methylphenol	NELAP	PA	05/14/2018
EPA 625.1		4-Chloroaniline	NELAP	PA	05/14/2018
EPA 625.1		4-Chlorophenyl phenyl ether	NELAP	PA	05/14/2018
EPA 625.1		4-Nitroaniline	NELAP	PA	05/14/2018
EPA 625.1		4-Nitrophenol	NELAP	PA	05/14/2018
EPA 625.1		Acenaphthene	NELAP	PA	05/14/2018
EPA 625.1		Acenaphthylene	NELAP	PA	05/14/2018
EPA 625.1		Acetophenone	NELAP	PA	05/14/2018
EPA 625.1		Aniline	NELAP	PA	05/14/2018
EPA 625.1		Anthracene	NELAP	PA	05/14/2018
EPA 625.1		Benzidine	NELAP	PA	05/14/2018
EPA 625.1		Benzo[a]anthracene	NELAP	PA	05/14/2018
EPA 625.1		Benzo[a]pyrene	NELAP	PA	05/14/2018
EPA 625.1		Benzo[b]fluoranthene	NELAP	PA	05/14/2018
EPA 625.1		Benzo[ghi]perylene	NELAP	PA	05/14/2018
EPA 625.1		Benzo[k]fluoranthene	NELAP	PA	05/14/2018
EPA 625.1		Benzoic acid	NELAP	PA	05/14/2018
EPA 625.1		Benzyl alcohol	NELAP	PA	05/14/2018
EPA 625.1		Butyl benzyl phthalate (Benzyl butyl phthalate)	NELAP	PA	05/14/2018
EPA 625.1		Carbazole	NELAP	PA	05/14/2018
EPA 625.1		Chrysene (Benzo[a]phenanthrene)	NELAP	PA	05/14/2018
EPA 625.1		Di-n-butyl phthalate	NELAP	PA	05/14/2018
EPA 625.1		Di-n-octyl phthalate	NELAP	PA	05/14/2018
EPA 625.1		Dibenzo[a,h]anthracene	NELAP	PA	05/14/2018
EPA 625.1		Dibenzofuran	NELAP	PA	05/14/2018
EPA 625.1		Diethyl phthalate	NELAP	PA	05/14/2018
EPA 625.1		Dimethyl phthalate	NELAP	PA	05/14/2018
EPA 625.1		Diphenyl ether	NELAP	PA	05/14/2018
EPA 625.1		Fluoranthene	NELAP	PA	05/14/2018
EPA 625.1		Fluorene	NELAP	PA	05/14/2018

*Donna T. Hausler*

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**Eurofins Lancaster Laboratories Environmental LLC**  
2425 New Holland Pike  
Lancaster, PA 17601-5994  
(717) 656-2300

DEP Laboratory ID: 36-00037  
EPA Lab Code: PA00009  
TNI Code: TNI02128  
PADWIS ID: 36037

**Matrix: Non-Potable Water**

Method	Revision	Analyte	Accreditation Type	Primary State	Effective Date
EPA 625.1		Hexachlorobenzene	NELAP	PA	05/14/2018
EPA 625.1		Hexachlorobutadiene (1,3-Hexachlorobutadiene)	NELAP	PA	05/14/2018
EPA 625.1		Hexachlorocyclopentadiene	NELAP	PA	05/14/2018
EPA 625.1		Hexachloroethane	NELAP	PA	05/14/2018
EPA 625.1		Indeno(1,2,3-cd)pyrene	NELAP	PA	05/14/2018
EPA 625.1		Isophorone	NELAP	PA	05/14/2018
EPA 625.1		N-Nitrosodi-n-butylamine	NELAP	PA	05/14/2018
EPA 625.1		N-Nitrosodi-n-propylamine	NELAP	PA	05/14/2018
EPA 625.1		N-Nitrosodiethylamine	NELAP	PA	05/14/2018
EPA 625.1		N-Nitrosodimethylamine	NELAP	PA	05/14/2018
EPA 625.1		N-Nitrosodiphenylamine	NELAP	PA	05/14/2018
EPA 625.1		N-Nitrosopyrrolidine	NELAP	PA	05/14/2018
EPA 625.1		Naphthalene	NELAP	PA	05/14/2018
EPA 625.1		Nitrobenzene	NELAP	PA	05/14/2018
EPA 625.1		Pentachlorobenzene	NELAP	PA	05/14/2018
EPA 625.1		Pentachlorophenol (PCP)	NELAP	PA	05/14/2018
EPA 625.1		Phenanthrene	NELAP	PA	05/14/2018
EPA 625.1		Phenol	NELAP	PA	05/14/2018
EPA 625.1		Pyrene	NELAP	PA	05/14/2018
EPA 625.1		Pyridine	NELAP	PA	05/14/2018
EPA 625.1		alpha-Terpineol	NELAP	PA	05/14/2018
EPA 625.1		bis(2-Chloroethoxy)methane	NELAP	PA	05/14/2018
EPA 625.1		bis(2-Chloroethyl) ether	NELAP	PA	05/14/2018
EPA 625.1		bis(2-Chloroisopropyl)ether	NELAP	PA	07/16/2018
EPA 625.1		bis(2-Ethylhexyl) phthalate (DEHP)	NELAP	PA	05/14/2018
EPA 625.1		n-Decane	NELAP	PA	05/14/2018
EPA 625.1		n-Docosane	NELAP	PA	05/14/2018
EPA 625.1		n-Eicosane	NELAP	PA	05/14/2018
EPA 625.1		n-Hexadecane	NELAP	PA	05/14/2018
EPA 625.1		n-Octadecane	NELAP	PA	05/14/2018
EPA 625.1		n-Tetradecane	NELAP	PA	05/14/2018
EPA 625.1		o-Toluidine (2-Toluidine, 2-Methylaniline)	NELAP	PA	05/14/2018
EPA 680		Decachlorobiphenyl	NELAP	PA	01/19/2016
EPA 680		Dichlorobiphenyls	NELAP	PA	01/19/2016
EPA 680		Heptachlorobiphenyls	NELAP	PA	01/19/2016
EPA 680		Hexachlorobiphenyls	NELAP	PA	01/19/2016
EPA 680		Monochlorobiphenyls	NELAP	PA	01/19/2016
EPA 680		Nonachlorobiphenyls	NELAP	PA	01/19/2016
EPA 680		Octachlorobiphenyls	NELAP	PA	01/19/2016
EPA 680		Pentachlorobiphenyls	NELAP	PA	01/19/2016
EPA 680		Tetrachlorobiphenyls	NELAP	PA	01/19/2016
EPA 680		Trichlorobiphenyls	NELAP	PA	01/19/2016

*Dana T. Harrell*

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**DEP Laboratory ID: 36-00037**  
**EPA Lab Code: PA00009**  
**TNI Code: TNI02128**  
**PADWIS ID: 36037**

**Matrix: Non-Potable Water**

Method	Revision	Analyte	Accreditation Type	Primary State	Effective Date
EPA 6850		Perchlorate	NELAP	PA	01/19/2011
EPA 7196	A	Chromium VI	NELAP	PA	04/06/2006
EPA 7199		Chromium VI	NELAP	PA	01/04/2006
EPA 7470	A	Mercury	NELAP	PA	11/21/2005
EPA 8011		1,2-Dibromo-3-chloropropane (DBCP, Dibromochloropropane)	NELAP	PA	05/02/2006
EPA 8011		1,2-Dibromoethane (EDB, Ethylene dibromide)	NELAP	PA	12/12/2005
EPA 8015	B, C	Nonhalogenated organics by GC/FID	NELAP	PA	03/26/2012
EPA 8015	D	Nonhalogenated organics by GC/FID	NELAP	PA	07/29/2015
EPA 8015	B, C, D	Diesel-range organics (DRO)	NELAP	PA	12/12/2005
EPA 8015	B, C, D	Diethylene glycol	NELAP	PA	01/20/2012
EPA 8015	B, C, D	Ethane	NELAP	PA	12/04/2007
EPA 8015	B, C, D	Ethanol	NELAP	PA	12/04/2007
EPA 8015	B, C, D	Ethene	NELAP	PA	12/04/2007
EPA 8015	B, C, D	Ethylene glycol	NELAP	PA	12/04/2007
EPA 8015	B, C, D	Gasoline-range organics (GRO)	NELAP	PA	12/12/2005
EPA 8015	B, C, D	Isobutyl alcohol (2-Methyl-1-propanol)	NELAP	PA	02/07/2012
EPA 8015	B, C, D	Isopropyl alcohol (2-Propanol)	NELAP	PA	12/04/2007
EPA 8015	B, C, D	Methane	NELAP	PA	12/04/2007
EPA 8015	B, C, D	Methanol	NELAP	PA	12/04/2007
EPA 8015	B, C, D	Propane	NELAP	PA	12/04/2007
EPA 8015	B, C, D	Propylene glycol	NELAP	PA	01/20/2012
EPA 8015	B, C, D	Total petroleum hydrocarbons (TPH)	NELAP	PA	01/24/2007
EPA 8015	B, C, D	Triethylene glycol	NELAP	PA	01/20/2012
EPA 8015	B, C, D	n-Butyl alcohol (n-Butanol, 1-Butanol)	NELAP	PA	02/07/2012
EPA 8015	B, C, D	n-Propanol (1-Propanol)	NELAP	PA	02/07/2012
EPA 8081	A	Organochlorine pesticides by GC/ECD	NELAP	PA	03/26/2012
EPA 8081	B	Organochlorine pesticides by GC/ECD	NELAP	PA	01/01/2013
EPA 8081	A, B	2,4'-DDD	NELAP	PA	11/19/2015
EPA 8081	A, B	2,4'-DDE	NELAP	PA	11/19/2015
EPA 8081	A, B	2,4'-DDT	NELAP	PA	11/19/2015
EPA 8081	A, B	4,4'-DDD	NELAP	PA	02/10/2006
EPA 8081	A, B	4,4'-DDE	NELAP	PA	12/12/2005
EPA 8081	A, B	4,4'-DDT	NELAP	PA	12/12/2005
EPA 8081	A, B	Aldrin (HHDN)	NELAP	PA	12/12/2005
EPA 8081	A, B	Chlordane (tech.)	NELAP	PA	12/12/2005
EPA 8081	A, B	Dieldrin	NELAP	PA	12/12/2005
EPA 8081	A, B	Endosulfan I	NELAP	PA	02/10/2006
EPA 8081	A, B	Endosulfan II	NELAP	PA	12/12/2005
EPA 8081	A, B	Endosulfan sulfate	NELAP	PA	12/12/2005
EPA 8081	A, B	Endrin	NELAP	PA	12/12/2005
EPA 8081	A, B	Endrin aldehyde	NELAP	PA	12/12/2005

*Doreen T. Havel*

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**Eurofins Lancaster Laboratories Environmental LLC**  
2425 New Holland Pike  
Lancaster, PA 17601-5994  
(717) 656-2300

DEP Laboratory ID: 36-00037  
EPA Lab Code: PA00009  
TNI Code: TNI02128  
PADWIS ID: 36037

**Matrix: Non-Potable Water**

Method	Revision	Analyte	Accreditation Type	Primary State	Effective Date
EPA 8081	A, B	Endrin ketone	NELAP	PA	02/10/2006
EPA 8081	A, B	Heptachlor	NELAP	PA	12/12/2005
EPA 8081	A, B	Heptachlor epoxide	NELAP	PA	12/12/2005
EPA 8081	A, B	Kepone	NELAP	PA	05/02/2006
EPA 8081	A, B	Methoxychlor	NELAP	PA	12/12/2005
EPA 8081	A, B	Mirex	NELAP	PA	12/12/2005
EPA 8081	A, B	Toxaphene (Chlorinated camphene)	NELAP	PA	12/12/2005
EPA 8081	A, B	alpha-BHC (alpha-Hexachlorocyclohexane)	NELAP	PA	02/10/2006
EPA 8081	A, B	alpha-Chlordane	NELAP	PA	02/10/2006
EPA 8081	A, B	beta-BHC (beta-Hexachlorocyclohexane)	NELAP	PA	02/10/2006
EPA 8081	A, B	delta-BHC (delta-Hexachlorocyclohexane)	NELAP	PA	02/10/2006
EPA 8081	A, B	gamma-BHC (Lindane, gamma-Hexachlorocyclohexane)	NELAP	PA	02/10/2006
EPA 8081	A, B	gamma-Chlordane	NELAP	PA	02/10/2006
EPA 8082	A	PCBs by GC/ECD	NELAP	PA	03/26/2012
EPA 8082	A	Aroclor-1016 (PCB-1016)	NELAP	PA	12/11/2006
EPA 8082	A	Aroclor-1221 (PCB-1221)	NELAP	PA	12/11/2006
EPA 8082	A	Aroclor-1232 (PCB-1232)	NELAP	PA	12/11/2006
EPA 8082	A	Aroclor-1242 (PCB-1242)	NELAP	PA	12/11/2006
EPA 8082	A	Aroclor-1248 (PCB-1248)	NELAP	PA	12/11/2006
EPA 8082	A	Aroclor-1254 (PCB-1254)	NELAP	PA	12/11/2006
EPA 8082	A	Aroclor-1260 (PCB-1260)	NELAP	PA	12/11/2006
EPA 8082	A	Aroclor-1262 (PCB-1262)	NELAP	PA	07/23/2008
EPA 8082	A	Aroclor-1268 (PCB-1268)	NELAP	PA	07/23/2008
EPA 8082	A	Decachlorobiphenyl	NELAP	PA	12/17/2012
EPA 8141	A, B	Organophosphorus compounds by GC/NPD	NELAP	PA	03/26/2012
EPA 8141	A, B	Alachlor (Lasso)	NELAP	PA	01/21/2009
EPA 8141	A, B	Atrazine	NELAP	PA	12/12/2005
EPA 8141	A, B	Azinphos-methyl (Guthion)	NELAP	PA	12/12/2005
EPA 8141	A, B	Bolstar (Sulprofos)	NELAP	PA	12/12/2005
EPA 8141	A, B	Carbophenothion (Trihion)	NELAP	PA	11/09/2012
EPA 8141	A, B	Chlorpyrifos	NELAP	PA	12/12/2005
EPA 8141	A, B	Coumaphos	NELAP	PA	12/12/2005
EPA 8141	A, B	Demeton-O	NELAP	PA	12/12/2005
EPA 8141	A, B	Demeton-S	NELAP	PA	12/12/2005
EPA 8141	A, B	Diazinon (Spectracide)	NELAP	PA	12/12/2005
EPA 8141	A, B	Dichlorovos (DDVP, Dichlorvos)	NELAP	PA	12/12/2005
EPA 8141	A, B	Disulfoton	NELAP	PA	12/12/2005
EPA 8141	A, B	EPN (Santox)	NELAP	PA	12/12/2005
EPA 8141	A, B	Ethion	NELAP	PA	12/12/2005
EPA 8141	A, B	Ethoprop (Propfos)	NELAP	PA	12/12/2005
EPA 8141	A, B	Famphur	NELAP	PA	12/12/2005

*Doreen T. Havel*

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**Eurofins Lancaster Laboratories Environmental LLC**  
2425 New Holland Pike  
Lancaster, PA 17601-5994  
(717) 656-2300

**DEP Laboratory ID: 36-00037**  
**EPA Lab Code: PA00009**  
**TNI Code: TNI02128**  
**PADWIS ID: 36037**

**Matrix: Non-Potable Water**

Method	Revision	Analyte	Accreditation Type	Primary State	Effective Date
EPA 8141	A, B	Fensulfothion	NELAP	PA	12/12/2005
EPA 8141	A, B	Fenthion	NELAP	PA	12/12/2005
EPA 8141	A, B	Malathion	NELAP	PA	12/12/2005
EPA 8141	A, B	Merphos	NELAP	PA	12/12/2005
EPA 8141	A, B	Methyl parathion (Parathion, methyl)	NELAP	PA	12/12/2005
EPA 8141	A, B	Metolachlor	NELAP	PA	01/24/2007
EPA 8141	A, B	Mevinphos	NELAP	PA	12/12/2005
EPA 8141	A, B	Naled	NELAP	PA	12/12/2005
EPA 8141	A, B	Parathion, ethyl (Ethyl parathion, Parathion)	NELAP	PA	12/12/2005
EPA 8141	A, B	Phorate (Thimet)	NELAP	PA	12/12/2005
EPA 8141	A, B	Ronnel	NELAP	PA	12/12/2005
EPA 8141	A, B	Simazine	NELAP	PA	12/12/2005
EPA 8141	A, B	Stirophos (Tetrachlorovinphos)	NELAP	PA	05/02/2006
EPA 8141	A, B	Tokuthion (Prothiophos)	NELAP	PA	12/12/2005
EPA 8141	A, B	Trichloronate	NELAP	PA	05/02/2006
EPA 8151	A	Chlorinated herbicides by GC/ECD	NELAP	PA	03/26/2012
EPA 8151	A	2,4,5-T	NELAP	PA	12/12/2005
EPA 8151	A	2,4,5-TP (Silvex)	NELAP	PA	12/12/2005
EPA 8151	A	2,4-D	NELAP	PA	12/12/2005
EPA 8151	A	2,4-DB (Butoxon)	NELAP	PA	12/12/2005
EPA 8151	A	Dalapon (2,2-Dichloropropionic acid)	NELAP	PA	12/12/2005
EPA 8151	A	Dicamba	NELAP	PA	12/12/2005
EPA 8151	A	Dichloroprop (Dichlorprop)	NELAP	PA	01/24/2007
EPA 8151	A	Dinoseb (2-sec-Butyl-4,6-dinitrophenol, DNBP)	NELAP	PA	12/12/2005
EPA 8151	A	MCPA	NELAP	PA	12/12/2005
EPA 8151	A	MCPP (Mecoprop)	NELAP	PA	12/12/2005
EPA 8151	A	Pentachlorophenol (PCP)	NELAP	PA	12/12/2005
EPA 8151	A	Picloram (4-Amino-3,5,6-trichloro-2-pyridinecarboxylic acid)	NELAP	PA	12/12/2005
EPA 8260	B, C	VOCs by GC/MS	NELAP	PA	03/26/2012
EPA 8260	D	VOCs by GC/MS	NELAP	PA	11/04/2019
EPA 8260	B, C	1,3-Dichloro-2-butene	NELAP	PA	01/19/2016
EPA 8260	B, C	3,3'-Dimethyl-1-butanol	NELAP	PA	04/17/2009
EPA 8260	B, C	Crotonaldehyde	NELAP	PA	10/30/2014
EPA 8260	B, C	Cyclohexanone	NELAP	PA	06/07/2012
EPA 8260	B, C	Dimethyl ether	NELAP	PA	06/07/2012
EPA 8260	B, C	Epichlorohydrin (1-Chloro-2,3-epoxypropane)	NELAP	PA	04/17/2009
EPA 8260	B, C	Ethylene oxide	NELAP	PA	10/30/2014
EPA 8260	B, C	Gasoline-range organics (GRO)	NELAP	PA	06/08/2006
EPA 8260	B, C	Hexachloroethane	NELAP	PA	05/23/2012
EPA 8260	B, C	n-Propylamine	NELAP	PA	12/12/2005
EPA 8260	B, C	tert-Amyl alcohol (2-Methyl-2-butanol)	NELAP	PA	04/17/2009

*Dana T. Mansell*

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2425 New Holland Pike  
Lancaster, PA 17601-5994  
(717) 656-2300

DEP Laboratory ID: 36-00037  
EPA Lab Code: PA00009  
TNI Code: TNI02128  
PADWIS ID: 36037

**Matrix: Non-Potable Water**

Method	Revision	Analyte	Accreditation Type	Primary State	Effective Date
EPA 8260	B, C	tert-Butyl formate	NELAP	PA	04/17/2009
EPA 8260	B, C, D	1,1,1,2-Tetrachloroethane	NELAP	PA	12/12/2005
EPA 8260	B, C, D	1,1,1-Trichloroethane	NELAP	PA	12/12/2005
EPA 8260	B, C, D	1,1,2,2-Tetrachloroethane	NELAP	PA	12/12/2005
EPA 8260	B, C, D	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	NELAP	PA	12/12/2005
EPA 8260	B, C, D	1,1,2-Trichloroethane	NELAP	PA	12/12/2005
EPA 8260	B, C, D	1,1-Dichloroethane	NELAP	PA	12/12/2005
EPA 8260	B, C, D	1,1-Dichloroethene (1,1-Dichloroethylene)	NELAP	PA	12/12/2005
EPA 8260	B, C, D	1,1-Dichloropropene	NELAP	PA	12/12/2005
EPA 8260	B, C, D	1,2,3-Trichlorobenzene	NELAP	PA	12/12/2005
EPA 8260	B, C, D	1,2,3-Trichloropropane (1,2,3-TCP)	NELAP	PA	12/12/2005
EPA 8260	B, C, D	1,2,3-Trimethylbenzene	NELAP	PA	01/19/2016
EPA 8260	B, C, D	1,2,4-Trichlorobenzene	NELAP	PA	12/12/2005
EPA 8260	B, C, D	1,2,4-Trimethylbenzene	NELAP	PA	12/12/2005
EPA 8260	B, C, D	1,2-Dibromo-3-chloropropane (DBCP, Dibromochloropropane)	NELAP	PA	12/12/2005
EPA 8260	B, C, D	1,2-Dibromoethane (EDB, Ethylene dibromide)	NELAP	PA	12/12/2005
EPA 8260	B, C, D	1,2-Dichloro-1,1,2-trifluoroethane	NELAP	PA	03/19/2015
EPA 8260	B, C, D	1,2-Dichlorobenzene (o-Dichlorobenzene)	NELAP	PA	12/12/2005
EPA 8260	B, C, D	1,2-Dichloroethane	NELAP	PA	12/12/2005
EPA 8260	B, C, D	1,2-Dichloropropane	NELAP	PA	12/12/2005
EPA 8260	B, C, D	1,2-Diethylbenzene	NELAP	PA	01/19/2016
EPA 8260	B, C, D	1,3,5-Trichlorobenzene	NELAP	PA	01/19/2016
EPA 8260	B, C, D	1,3,5-Trimethylbenzene	NELAP	PA	12/12/2005
EPA 8260	B, C, D	1,3-Butadiene (Divinyl)	NELAP	PA	01/19/2016
EPA 8260	B, C, D	1,3-Dichlorobenzene (m-Dichlorobenzene)	NELAP	PA	12/12/2005
EPA 8260	B, C, D	1,3-Dichloropropane	NELAP	PA	12/12/2005
EPA 8260	B, C, D	1,3-Diethylbenzene	NELAP	PA	01/19/2016
EPA 8260	B, C, D	1,4-Dichlorobenzene (p-Dichlorobenzene)	NELAP	PA	12/12/2005
EPA 8260	B, C, D	1,4-Dioxane (1,4-Diethyleneoxide)	NELAP	PA	12/12/2005
EPA 8260	B, C, D	2,2-Dichloropropane	NELAP	PA	05/02/2006
EPA 8260	B, C, D	2-Butanone (Methyl ethyl ketone, MEK)	NELAP	PA	05/02/2006
EPA 8260	B, C, D	2-Chloroethyl vinyl ether	NELAP	PA	12/12/2005
EPA 8260	B, C, D	2-Chlorotoluene	NELAP	PA	12/12/2005
EPA 8260	B, C, D	2-Hexanone	NELAP	PA	12/12/2005
EPA 8260	B, C, D	2-Nitropropane	NELAP	PA	01/19/2011
EPA 8260	B, C, D	4-Chlorotoluene	NELAP	PA	12/12/2005
EPA 8260	B, C, D	4-Methyl-2-pentanone (MIBK)	NELAP	PA	12/12/2005
EPA 8260	B, C, D	Acetone	NELAP	PA	12/12/2005
EPA 8260	B, C, D	Acetonitrile	NELAP	PA	12/12/2005
EPA 8260	B, C, D	Acrolein (Propenal)	NELAP	PA	12/12/2005
EPA 8260	B, C, D	Acrylonitrile	NELAP	PA	12/12/2005

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2425 New Holland Pike  
Lancaster, PA 17601-5994  
(717) 656-2300

DEP Laboratory ID: 36-00037  
EPA Lab Code: PA00009  
TNI Code: TNI02128  
PADWIS ID: 36037

**Matrix: Non-Potable Water**

Method	Revision	Analyte	Accreditation Type	Primary State	Effective Date
EPA 8260	B, C, D	Allyl chloride (3-Chloropropene)	NELAP	PA	12/12/2005
EPA 8260	B, C, D	Benzene	NELAP	PA	12/12/2005
EPA 8260	B, C, D	Benzyl chloride	NELAP	PA	07/03/2007
EPA 8260	B, C, D	Bromobenzene	NELAP	PA	12/12/2005
EPA 8260	B, C, D	Bromochloromethane	NELAP	PA	12/12/2005
EPA 8260	B, C, D	Bromodichloromethane	NELAP	PA	12/12/2005
EPA 8260	B, C, D	Bromoform	NELAP	PA	12/12/2005
EPA 8260	B, C, D	Carbon disulfide	NELAP	PA	12/12/2005
EPA 8260	B, C, D	Carbon tetrachloride	NELAP	PA	12/12/2005
EPA 8260	B, C, D	Chlorobenzene	NELAP	PA	12/12/2005
EPA 8260	B, C, D	Chloroethane	NELAP	PA	12/12/2005
EPA 8260	B, C, D	Chloroform	NELAP	PA	12/12/2005
EPA 8260	B, C, D	Chloroprene (2-Chloro-1,3-butadiene)	NELAP	PA	07/03/2007
EPA 8260	B, C, D	Cyclohexane	NELAP	PA	07/03/2007
EPA 8260	B, C, D	Dibromochloromethane	NELAP	PA	12/12/2005
EPA 8260	B, C, D	Dibromomethane	NELAP	PA	05/02/2006
EPA 8260	B, C, D	Dichlorodifluoromethane (Freon 12)	NELAP	PA	12/12/2005
EPA 8260	B, C, D	Diethyl ether (Ethyl ether)	NELAP	PA	02/01/2011
EPA 8260	B, C, D	Diisopropyl ether (DIPE)	NELAP	PA	07/03/2007
EPA 8260	B, C, D	Ethanol	NELAP	PA	01/24/2007
EPA 8260	B, C, D	Ethyl acetate	NELAP	PA	01/24/2007
EPA 8260	B, C, D	Ethyl methacrylate	NELAP	PA	01/24/2007
EPA 8260	B, C, D	Ethyl tert-butyl ether (ETBE)	NELAP	PA	01/24/2007
EPA 8260	B, C, D	Ethylbenzene	NELAP	PA	12/12/2005
EPA 8260	B, C, D	Freon 113 (1,1,2-Trichloro-1,2,2-trifluoroethane)	NELAP	PA	03/04/2015
EPA 8260	B, C, D	Heptane	NELAP	PA	01/20/2012
EPA 8260	B, C, D	Hexachlorobutadiene (1,3-Hexachlorobutadiene)	NELAP	PA	12/12/2005
EPA 8260	B, C, D	Isobutyl alcohol (2-Methyl-1-propanol)	NELAP	PA	07/03/2007
EPA 8260	B, C, D	Isopropyl alcohol (2-Propanol)	NELAP	PA	01/18/2011
EPA 8260	B, C, D	Isopropylbenzene (Cumene)	NELAP	PA	05/02/2006
EPA 8260	B, C, D	Methacrylonitrile	NELAP	PA	07/03/2007
EPA 8260	B, C, D	Methyl acetate	NELAP	PA	01/24/2007
EPA 8260	B, C, D	Methyl bromide (Bromomethane)	NELAP	PA	12/12/2005
EPA 8260	B, C, D	Methyl chloride (Chloromethane)	NELAP	PA	12/12/2005
EPA 8260	B, C, D	Methyl iodide (Iodomethane)	NELAP	PA	05/25/2007
EPA 8260	B, C, D	Methyl tert-butyl ether (MTBE)	NELAP	PA	12/12/2005
EPA 8260	B, C, D	Methylcyclohexane	NELAP	PA	01/21/2009
EPA 8260	B, C, D	Methylene chloride (Dichloromethane)	NELAP	PA	12/12/2005
EPA 8260	B, C, D	Methylmethacrylate	NELAP	PA	05/25/2007
EPA 8260	B, C, D	Naphthalene	NELAP	PA	12/12/2005
EPA 8260	B, C, D	Pentachloroethane	NELAP	PA	01/24/2007
EPA 8260	B, C, D	Propionitrile (Ethyl cyanide)	NELAP	PA	12/12/2005

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**DEP Laboratory ID: 36-00037**  
**EPA Lab Code: PA00009**  
**TNI Code: TNI02128**  
**PADWIS ID: 36037**

**Matrix: Non-Potable Water**

<u>Method</u>	<u>Revision</u>	<u>Analyte</u>	<u>Accreditation Type</u>	<u>Primary State</u>	<u>Effective Date</u>
EPA 8260	B, C, D	Styrene	NELAP	PA	12/12/2005
EPA 8260	B, C, D	Tetrachloroethene (PCE, Perchloroethylene)	NELAP	PA	12/12/2005
EPA 8260	B, C, D	Tetrahydrofuran (THF)	NELAP	PA	01/18/2011
EPA 8260	B, C, D	Toluene	NELAP	PA	12/12/2005
EPA 8260	B, C, D	Trichloroethene (TCE, Trichloroethylene)	NELAP	PA	12/12/2005
EPA 8260	B, C, D	Trichlorofluoromethane (Freon 11)	NELAP	PA	12/12/2005
EPA 8260	B, C, D	Vinyl acetate	NELAP	PA	12/12/2005
EPA 8260	B, C, D	Vinyl chloride (Chloroethene)	NELAP	PA	12/12/2005
EPA 8260	B, C, D	Xylenes, total	NELAP	PA	12/12/2005
EPA 8260	B, C, D	cis-1,2-Dichloroethene	NELAP	PA	12/12/2005
EPA 8260	B, C, D	cis-1,3-Dichloropropene	NELAP	PA	12/12/2005
EPA 8260	B, C, D	m+p-Xylene	NELAP	PA	04/17/2009
EPA 8260	B, C, D	n-Butyl acetate	NELAP	PA	01/19/2016
EPA 8260	B, C, D	n-Butyl alcohol (n-Butanol, 1-Butanol)	NELAP	PA	04/17/2009
EPA 8260	B, C, D	n-Butylbenzene	NELAP	PA	12/12/2005
EPA 8260	B, C, D	n-Hexane	NELAP	PA	01/20/2012
EPA 8260	B, C, D	n-Propylbenzene	NELAP	PA	01/24/2007
EPA 8260	B, C, D	o-Xylene	NELAP	PA	04/17/2009
EPA 8260	B, C, D	p-Isopropyltoluene (4-Isopropyltoluene)	NELAP	PA	01/24/2007
EPA 8260	B, C, D	sec-Butylbenzene	NELAP	PA	12/12/2005
EPA 8260	B, C, D	tert-Amyl methyl ether (TAME)	NELAP	PA	01/24/2007
EPA 8260	B, C, D	tert-Butyl alcohol (2-Methyl-2-propanol)	NELAP	PA	12/12/2005
EPA 8260	B, C, D	tert-Butylbenzene	NELAP	PA	12/12/2005
EPA 8260	B, C, D	trans-1,2-Dichloroethene	NELAP	PA	12/12/2005
EPA 8260	B, C, D	trans-1,3-Dichloropropene	NELAP	PA	12/12/2005
EPA 8260	B, C, D	trans-1,4-Dichloro-2-butene	NELAP	PA	07/03/2007
EPA 8260 SIM	B, C	1,4-Dioxane (1,4-Diethyleneoxide)	NELAP	PA	12/04/2007
EPA 8270	C, D	SOCs by GC/MS	NELAP	PA	03/26/2012
EPA 8270	C, D	1,1'-Biphenyl (Biphenyl, Lemonene)	NELAP	PA	04/17/2009
EPA 8270	C, D	1,2,3,4-Tetrachlorobenzene	NELAP	PA	07/03/2007
EPA 8270	C, D	1,2,3,4-Tetrahydronaphthalene	NELAP	PA	04/17/2009
EPA 8270	C, D	1,2,3,5-Tetrachlorobenzene	NELAP	PA	07/03/2007
EPA 8270	C, D	1,2,4,5-Tetrachlorobenzene	NELAP	PA	12/12/2005
EPA 8270	C, D	1,2,4-Trichlorobenzene	NELAP	PA	12/12/2005
EPA 8270	C, D	1,2-Dichlorobenzene (o-Dichlorobenzene)	NELAP	PA	12/12/2005
EPA 8270	C, D	1,2-Diphenylhydrazine	NELAP	PA	12/12/2005
EPA 8270	C, D	1,3,5-Trinitrobenzene (1,3,5-TNB)	NELAP	PA	12/12/2005
EPA 8270	C, D	1,3-Dichlorobenzene (m-Dichlorobenzene)	NELAP	PA	12/12/2005
EPA 8270	C, D	1,3-Dinitrobenzene (1,3-DNB)	NELAP	PA	12/12/2005
EPA 8270	C, D	1,4-Dichlorobenzene (p-Dichlorobenzene)	NELAP	PA	12/12/2005
EPA 8270	C, D	1,4-Dinitrobenzene (1,4-DNB)	NELAP	PA	04/17/2009
EPA 8270	C, D	1,4-Dioxane (1,4-Diethyleneoxide)	NELAP	PA	04/17/2009

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Lancaster, PA 17601-5994  
(717) 656-2300

DEP Laboratory ID: 36-00037  
EPA Lab Code: PA00009  
TNI Code: TNI02128  
PADWIS ID: 36037

**Matrix: Non-Potable Water**

Method	Revision	Analyte	Accreditation Type	Primary State	Effective Date
EPA 8270	C, D	1,4-Naphthoquinone	NELAP	PA	12/12/2005
EPA 8270	C, D	1,4-Phenylenediamine	NELAP	PA	12/12/2005
EPA 8270	C, D	1-Chloronaphthalene	NELAP	PA	12/12/2005
EPA 8270	C, D	1-Methylnaphthalene	NELAP	PA	04/17/2009
EPA 8270	C, D	1-Naphthylamine (alpha-Naphthylamine)	NELAP	PA	12/12/2005
EPA 8270	C, D	2,2'-Oxybis(1-chloropropane) (bis(2-Chloro-1-methylethyl) ether)	NELAP	PA	01/19/2011
EPA 8270	C, D	2,2'-oxybis(1-Chloropropane)	NELAP	PA	12/12/2005
EPA 8270	C, D	2,3,4,6-Tetrachlorophenol	NELAP	PA	12/12/2005
EPA 8270	C, D	2,4,5-Trichlorophenol	NELAP	PA	12/12/2005
EPA 8270	C, D	2,4,6-Trichlorophenol	NELAP	PA	12/12/2005
EPA 8270	C, D	2,4-Dichlorophenol	NELAP	PA	12/12/2005
EPA 8270	C, D	2,4-Dimethylphenol	NELAP	PA	12/12/2005
EPA 8270	C, D	2,4-Dinitrophenol	NELAP	PA	12/12/2005
EPA 8270	C, D	2,4-Dinitrotoluene (2,4-DNT)	NELAP	PA	12/12/2005
EPA 8270	C, D	2,6-Dichlorophenol	NELAP	PA	12/12/2005
EPA 8270	C, D	2,6-Dinitrotoluene (2,6-DNT)	NELAP	PA	12/12/2005
EPA 8270	C, D	2-Acetylaminofluorene	NELAP	PA	12/12/2005
EPA 8270	C, D	2-Butoxyethanol	NELAP	PA	02/07/2012
EPA 8270	C, D	2-Chloronaphthalene	NELAP	PA	12/12/2005
EPA 8270	C, D	2-Chlorophenol	NELAP	PA	12/12/2005
EPA 8270	C, D	2-Methyl-4,6-dinitrophenol (4,6-Dinitro-2-methylphenol)	NELAP	PA	12/12/2005
EPA 8270	C, D	2-Methylnaphthalene	NELAP	PA	12/12/2005
EPA 8270	C, D	2-Methylphenol (o-Cresol)	NELAP	PA	12/12/2005
EPA 8270	C, D	2-Naphthylamine (beta-Naphthylamine)	NELAP	PA	12/12/2005
EPA 8270	C, D	2-Nitroaniline	NELAP	PA	12/12/2005
EPA 8270	C, D	2-Nitrophenol	NELAP	PA	12/12/2005
EPA 8270	C, D	2-Picoline (2-Methylpyridine)	NELAP	PA	05/02/2006
EPA 8270	C, D	3+4-Methylphenol (m+p-Cresol)	NELAP	PA	12/12/2005
EPA 8270	C, D	3,3'-Dichlorobenzidine	NELAP	PA	12/12/2005
EPA 8270	C, D	3,3'-Dimethylbenzidine	NELAP	PA	07/03/2007
EPA 8270	C, D	3-Methylcholanthrene	NELAP	PA	12/12/2005
EPA 8270	C, D	3-Nitroaniline	NELAP	PA	12/12/2005
EPA 8270	C, D	4,4'-Methylenebis(2-chloroaniline)	NELAP	PA	12/12/2005
EPA 8270	C, D	4-Aminobiphenyl	NELAP	PA	12/12/2005
EPA 8270	C, D	4-Bromophenyl phenyl ether	NELAP	PA	12/12/2005
EPA 8270	C, D	4-Chloro-3-methylphenol	NELAP	PA	12/12/2005
EPA 8270	C, D	4-Chloroaniline	NELAP	PA	12/12/2005
EPA 8270	C, D	4-Chlorophenyl phenyl ether	NELAP	PA	12/12/2005
EPA 8270	C, D	4-Nitroaniline	NELAP	PA	12/12/2005
EPA 8270	C, D	4-Nitrophenol	NELAP	PA	12/12/2005

*Doris T. Haus*

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**Eurofins Lancaster Laboratories Environmental LLC**  
2425 New Holland Pike  
Lancaster, PA 17601-5994  
(717) 656-2300

**DEP Laboratory ID: 36-00037**  
**EPA Lab Code: PA00009**  
**TNI Code: TNI02128**  
**PADWIS ID: 36037**

**Matrix: Non-Potable Water**

Method	Revision	Analyte	Accreditation Type	Primary State	Effective Date
EPA 8270	C, D	4-Nitroquinoline-1-oxide	NELAP	PA	07/03/2007
EPA 8270	C, D	5-Nitro-o-toluidine	NELAP	PA	12/12/2005
EPA 8270	C, D	6-Methylchrysene	NELAP	PA	01/19/2011
EPA 8270	C, D	7,12-Dimethylbenz(a)anthracene	NELAP	PA	12/12/2005
EPA 8270	C, D	Acenaphthene	NELAP	PA	12/12/2005
EPA 8270	C, D	Acenaphthylene	NELAP	PA	12/12/2005
EPA 8270	C, D	Acetophenone	NELAP	PA	12/12/2005
EPA 8270	C, D	Aniline	NELAP	PA	12/12/2005
EPA 8270	C, D	Anthracene	NELAP	PA	12/12/2005
EPA 8270	C, D	Aramite	NELAP	PA	12/12/2005
EPA 8270	C, D	Atrazine	NELAP	PA	01/22/2007
EPA 8270	C, D	Benzaldehyde	NELAP	PA	04/17/2009
EPA 8270	C, D	Benzenethiol	NELAP	PA	04/17/2009
EPA 8270	C, D	Benzidine	NELAP	PA	12/12/2005
EPA 8270	C, D	Benzo[a]anthracene	NELAP	PA	12/12/2005
EPA 8270	C, D	Benzo[a]pyrene	NELAP	PA	12/12/2005
EPA 8270	C, D	Benzo[b]fluoranthene	NELAP	PA	12/12/2005
EPA 8270	C, D	Benzo[ghi]perylene	NELAP	PA	12/12/2005
EPA 8270	C, D	Benzo[k]fluoranthene	NELAP	PA	12/12/2005
EPA 8270	C, D	Benzoic acid	NELAP	PA	12/12/2005
EPA 8270	C, D	Benzyl alcohol	NELAP	PA	12/12/2005
EPA 8270	C, D	Butyl benzyl phthalate (Benzyl butyl phthalate)	NELAP	PA	12/12/2005
EPA 8270	C, D	Caprolactam	NELAP	PA	04/17/2009
EPA 8270	C, D	Carbazole	NELAP	PA	12/12/2005
EPA 8270	C, D	Chlorobenzilate	NELAP	PA	12/12/2005
EPA 8270	C, D	Chrysene (Benzo[a]phenanthrene)	NELAP	PA	12/12/2005
EPA 8270	C, D	Di-n-butyl phthalate	NELAP	PA	12/12/2005
EPA 8270	C, D	Di-n-octyl phthalate	NELAP	PA	12/12/2005
EPA 8270	C, D	Diallate (cis or trans)	NELAP	PA	12/12/2005
EPA 8270	C, D	Dibenz[a,h]acridine	NELAP	PA	04/17/2009
EPA 8270	C, D	Dibenz[a,j]acridine	NELAP	PA	12/12/2005
EPA 8270	C, D	Dibenzo[a,h]anthracene	NELAP	PA	12/12/2005
EPA 8270	C, D	Dibenzofuran	NELAP	PA	12/12/2005
EPA 8270	C, D	Diethyl phthalate	NELAP	PA	12/12/2005
EPA 8270	C, D	Dimethoate	NELAP	PA	12/12/2005
EPA 8270	C, D	Dimethyl phthalate	NELAP	PA	12/12/2005
EPA 8270	C, D	Dimethylaminoazobenzene (4-Dimethylaminoazobenzene)	NELAP	PA	05/02/2006
EPA 8270	C, D	Dinoseb (2-sec-Butyl-4,6-dinitrophenol, DNBP)	NELAP	PA	12/12/2005
EPA 8270	C, D	Diphenylamine	NELAP	PA	12/12/2005
EPA 8270	C, D	Disulfoton	NELAP	PA	12/12/2005
EPA 8270	C, D	Ethyl methanesulfonate	NELAP	PA	12/12/2005

*Dana T. Mansell*

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**Eurofins Lancaster Laboratories Environmental LLC**  
2425 New Holland Pike  
Lancaster, PA 17601-5994  
(717) 656-2300

DEP Laboratory ID: 36-00037  
EPA Lab Code: PA00009  
TNI Code: TNI02128  
PADWIS ID: 36037

**Matrix: Non-Potable Water**

Method	Revision	Analyte	Accreditation Type	Primary State	Effective Date
EPA 8270	C, D	Famphur	NELAP	PA	12/12/2005
EPA 8270	C, D	Fluoranthene	NELAP	PA	12/12/2005
EPA 8270	C, D	Fluorene	NELAP	PA	12/12/2005
EPA 8270	C, D	Hexachlorobenzene	NELAP	PA	12/12/2005
EPA 8270	C, D	Hexachlorobutadiene (1,3-Hexachlorobutadiene)	NELAP	PA	12/12/2005
EPA 8270	C, D	Hexachlorocyclopentadiene	NELAP	PA	12/12/2005
EPA 8270	C, D	Hexachloroethane	NELAP	PA	12/12/2005
EPA 8270	C, D	Hexachloropropene	NELAP	PA	12/12/2005
EPA 8270	C, D	Indene	NELAP	PA	04/17/2009
EPA 8270	C, D	Indeno(1,2,3-cd)pyrene	NELAP	PA	12/12/2005
EPA 8270	C, D	Isodrin	NELAP	PA	12/12/2005
EPA 8270	C, D	Isophorone	NELAP	PA	12/12/2005
EPA 8270	C, D	Isosafrole	NELAP	PA	12/12/2005
EPA 8270	C, D	Kepone	NELAP	PA	12/12/2005
EPA 8270	C, D	Methapyrilene	NELAP	PA	12/12/2005
EPA 8270	C, D	Methyl methanesulfonate	NELAP	PA	12/12/2005
EPA 8270	C, D	Methyl parathion (Parathion, methyl)	NELAP	PA	05/25/2007
EPA 8270	C, D	N,N-Dimethylacetamide	NELAP	PA	04/17/2009
EPA 8270	C, D	N,N-Dimethylformamide	NELAP	PA	04/17/2009
EPA 8270	C, D	N-Nitrosodi-n-butylamine	NELAP	PA	12/12/2005
EPA 8270	C, D	N-Nitrosodi-n-propylamine	NELAP	PA	12/12/2005
EPA 8270	C, D	N-Nitrosodiethylamine	NELAP	PA	12/12/2005
EPA 8270	C, D	N-Nitrosodimethylamine	NELAP	PA	12/12/2005
EPA 8270	C, D	N-Nitrosodiphenylamine	NELAP	PA	12/12/2005
EPA 8270	C, D	N-Nitrosomethylethylamine	NELAP	PA	12/12/2005
EPA 8270	C, D	N-Nitrosomorpholine	NELAP	PA	12/12/2005
EPA 8270	C, D	N-Nitrosopiperidine	NELAP	PA	12/12/2005
EPA 8270	C, D	N-Nitrosopyrrolidine	NELAP	PA	12/12/2005
EPA 8270	C, D	Naphthalene	NELAP	PA	12/12/2005
EPA 8270	C, D	Nitrobenzene	NELAP	PA	12/12/2005
EPA 8270	C, D	O,O,O-Triethyl phosphorothioate	NELAP	PA	12/12/2005
EPA 8270	C, D	Parathion, ethyl (Ethyl parathion, Parathion)	NELAP	PA	05/25/2007
EPA 8270	C, D	Pentachlorobenzene	NELAP	PA	12/12/2005
EPA 8270	C, D	Pentachloronitrobenzene (PCNB)	NELAP	PA	12/12/2005
EPA 8270	C, D	Pentachlorophenol (PCP)	NELAP	PA	12/12/2005
EPA 8270	C, D	Phenacetin	NELAP	PA	12/12/2005
EPA 8270	C, D	Phenanthrene	NELAP	PA	12/12/2005
EPA 8270	C, D	Phenol	NELAP	PA	12/12/2005
EPA 8270	C, D	Phorate (Thimet)	NELAP	PA	12/12/2005
EPA 8270	C, D	Phthalic anhydride	NELAP	PA	01/21/2009
EPA 8270	C, D	Pronamide (Kerb)	NELAP	PA	12/12/2005
EPA 8270	C, D	Pyrene	NELAP	PA	12/12/2005

*Dana T. Marshall*

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2425 New Holland Pike  
Lancaster, PA 17601-5994  
(717) 656-2300

DEP Laboratory ID: 36-00037  
EPA Lab Code: PA00009  
TNI Code: TNI02128  
PADWIS ID: 36037

**Matrix: Non-Potable Water**

Method	Revision	Analyte	Accreditation Type	Primary State	Effective Date
EPA 8270	C, D	Pyridine	NELAP	PA	12/12/2005
EPA 8270	C, D	Quinoline	NELAP	PA	04/17/2009
EPA 8270	C, D	Safrole	NELAP	PA	12/12/2005
EPA 8270	C, D	Sulfotepp (Tetraethyl dithiopyrophosphate)	NELAP	PA	04/17/2009
EPA 8270	C, D	Tetraethyl lead	NELAP	PA	03/07/2012
EPA 8270	C, D	Thionazine (Thionazin, Zinophos)	NELAP	PA	12/12/2005
EPA 8270	C, D	a,a-Dimethylphenethylamine (Phentermine)	NELAP	PA	12/12/2005
EPA 8270	C, D	a-Methylstyrene	NELAP	PA	04/17/2009
EPA 8270	C, D	bis(2-Chloroethoxy)methane	NELAP	PA	12/12/2005
EPA 8270	C, D	bis(2-Chloroethyl) ether	NELAP	PA	12/12/2005
EPA 8270	C, D	bis(2-Chloromethyl) ether	NELAP	PA	01/21/2009
EPA 8270	C, D	bis(2-Ethylhexyl) phthalate (DEHP)	NELAP	PA	12/12/2005
EPA 8270	C, D	o-Toluidine (2-Toluidine, 2-Methylaniline)	NELAP	PA	12/12/2005
EPA 8270	C, D	p-(Dimethylamino)azobenzene	NELAP	PA	04/17/2009
EPA 8270	C, D	tris-(2,3-Dibromopropyl) phosphate (tris-BP)	NELAP	PA	04/17/2009
EPA 8270 SIM	C, D	1,4-Dioxane (1,4-Diethyleneoxide)	NELAP	PA	08/01/2018
EPA 8270 SIM	C, D	1-Methylnaphthalene	NELAP	PA	07/25/2011
EPA 8270 SIM	C, D	2-Methylnaphthalene	NELAP	PA	05/23/2012
EPA 8270 SIM	C, D	Acenaphthene	NELAP	PA	12/04/2007
EPA 8270 SIM	C, D	Acenaphthylene	NELAP	PA	12/04/2007
EPA 8270 SIM	C, D	Anthracene	NELAP	PA	12/04/2007
EPA 8270 SIM	C, D	Benzo[a]anthracene	NELAP	PA	12/04/2007
EPA 8270 SIM	C, D	Benzo[a]pyrene	NELAP	PA	12/04/2007
EPA 8270 SIM	C, D	Benzo[b]fluoranthene	NELAP	PA	12/04/2007
EPA 8270 SIM	C, D	Benzo[ghi]perylene	NELAP	PA	12/04/2007
EPA 8270 SIM	C, D	Benzo[k]fluoranthene	NELAP	PA	12/04/2007
EPA 8270 SIM	C, D	Chrysene (Benzo[a]phenanthrene)	NELAP	PA	12/04/2007
EPA 8270 SIM	C, D	Dibenzo[a,h]anthracene	NELAP	PA	12/04/2007
EPA 8270 SIM	C, D	Fluoranthene	NELAP	PA	12/04/2007
EPA 8270 SIM	C, D	Fluorene	NELAP	PA	12/04/2007
EPA 8270 SIM	C, D	Indeno(1,2,3-cd)pyrene	NELAP	PA	12/04/2007
EPA 8270 SIM	C, D	Naphthalene	NELAP	PA	12/04/2007
EPA 8270 SIM	C, D	Phenanthrene	NELAP	PA	12/04/2007
EPA 8270 SIM	C, D	Pyrene	NELAP	PA	12/04/2007
EPA 8290	A	PCDDs and PCDFs by HRGC-HRMS	NELAP	PA	03/04/2015
EPA 8290		PCDDs and PCDFs by HRGC-HRMS	NELAP	PA	03/26/2012
EPA 8290	A	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)	NELAP	PA	06/30/2010
EPA 8290	A	1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)	NELAP	PA	06/30/2010
EPA 8290	A	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (1,2,3,4,6,7,8-hpcdd)	NELAP	PA	06/30/2010
EPA 8290	A	1,2,3,4,6,7,8-Heptachlorodibenzofuran (1,2,3,4,6,7,8-hpcdf)	NELAP	PA	06/30/2010

*Dana T. Mansell*

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2425 New Holland Pike  
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(717) 656-2300

DEP Laboratory ID: 36-00037  
EPA Lab Code: PA00009  
TNI Code: TNI02128  
PADWIS ID: 36037

**Matrix: Non-Potable Water**

Method	Revision	Analyte	Accreditation Type	Primary State	Effective Date
EPA 8290	A	1,2,3,4,7,8,9-Heptachlorodibenzofuran (1,2,3,4,7,8,9-hpcdf)	NELAP	PA	06/30/2010
EPA 8290	A	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	NELAP	PA	06/30/2010
EPA 8290	A	1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	NELAP	PA	08/06/2010
EPA 8290	A	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	NELAP	PA	06/30/2010
EPA 8290	A	1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	NELAP	PA	06/30/2010
EPA 8290	A	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	NELAP	PA	06/30/2010
EPA 8290	A	1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	NELAP	PA	06/30/2010
EPA 8290	A	1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	NELAP	PA	06/30/2010
EPA 8290	A	1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	NELAP	PA	06/30/2010
EPA 8290	A	2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	NELAP	PA	06/30/2010
EPA 8290	A	2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	NELAP	PA	08/06/2010
EPA 8290	A	2,3,7,8-Tetrachlorodibenzo-p-dioxin (2,3,7,8-TCDD)(Dioxin)	NELAP	PA	06/30/2010
EPA 8290	A	2,3,7,8-Tetrachlorodibenzofuran (TCDF)	NELAP	PA	06/30/2010
EPA 8290	A	Total TCDD	NELAP	PA	06/30/2010
EPA 8290	A	Total TCDF	NELAP	PA	06/30/2010
EPA 8290	A	Total heptachlorodibenzo-p-dioxin (HpCDD)	NELAP	PA	06/30/2010
EPA 8290	A	Total heptachlorodibenzofuran (HpCDF)	NELAP	PA	06/30/2010
EPA 8290	A	Total hexachlorodibenzo-p-dioxin (HxCDD)	NELAP	PA	06/30/2010
EPA 8290	A	Total hexachlorodibenzofuran (HxCDF)	NELAP	PA	06/30/2010
EPA 8290	A	Total pentachlorodibenzo-p-dioxin (PeCDD)	NELAP	PA	06/30/2010
EPA 8290	A	Total pentachlorodibenzofuran (PeCDF)	NELAP	PA	06/30/2010
EPA 8315	A	Carbonyl compounds by HPLC	NELAP	PA	03/26/2012
EPA 8315	A	2,5-Dimethylbenzaldehyde	NELAP	PA	12/12/2005
EPA 8315	A	Acetaldehyde	NELAP	PA	12/12/2005
EPA 8315	A	Benzaldehyde	NELAP	PA	12/12/2005
EPA 8315	A	Butanal (Butyraldehyde)	NELAP	PA	05/02/2006
EPA 8315	A	Crotonaldehyde	NELAP	PA	12/12/2005
EPA 8315	A	Formaldehyde	NELAP	PA	12/12/2005
EPA 8315	A	Hexanal (Hexaldehyde)	NELAP	PA	01/21/2009
EPA 8315	A	Isovaleraldehyde	NELAP	PA	12/12/2005
EPA 8315	A	Pentanal (Valeraldehyde)	NELAP	PA	12/12/2005
EPA 8315	A	Propanal (Propionaldehyde)	NELAP	PA	01/21/2009
EPA 8315	A	m-Tolualdehyde (1,3-Tolualdehyde)	NELAP	PA	05/02/2006
EPA 8315	A	o-Tolualdehyde (1,2-Tolualdehyde)	NELAP	PA	01/24/2007
EPA 8315	A	p-Tolualdehyde (1,4-Tolualdehyde)	NELAP	PA	01/24/2007
EPA 8330	A	Nitroaromatics and nitramines by HPLC/UV	NELAP	PA	03/26/2012
EPA 8330	B	Nitroaromatics and nitramines by HPLC/UV	NELAP	PA	07/29/2015
EPA 8330	A, B	1,3,5-Trinitrobenzene (1,3,5-TNB)	NELAP	PA	12/12/2005
EPA 8330	A, B	1,3-Dinitrobenzene (1,3-DNB)	NELAP	PA	12/12/2005
EPA 8330	A, B	2,4,6-Trinitrotoluene (2,4,6-TNT)	NELAP	PA	12/12/2005

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**DEP Laboratory ID: 36-00037**  
**EPA Lab Code: PA00009**  
**TNI Code: TNI02128**  
**PADWIS ID: 36037**

**Matrix: Non-Potable Water**

Method	Revision	Analyte	Accreditation Type	Primary State	Effective Date
EPA 8330	A, B	2,4-Diamino-6-nitrotoluene	NELAP	PA	07/29/2015
EPA 8330	A, B	2,4-Dinitrotoluene (2,4-DNT)	NELAP	PA	06/11/2007
EPA 8330	A, B	2,6-Diamino-4-nitrotoluene	NELAP	PA	07/29/2015
EPA 8330	A, B	2,6-Dinitrotoluene (2,6-DNT)	NELAP	PA	06/11/2007
EPA 8330	A, B	2-Amino-4,6-dinitrotoluene (2-Am-DNT)	NELAP	PA	12/12/2005
EPA 8330	A, B	2-Nitrotoluene	NELAP	PA	12/12/2005
EPA 8330	A, B	3,5-Dinitroaniline	NELAP	PA	07/29/2015
EPA 8330	A, B	3-Nitrotoluene	NELAP	PA	12/12/2005
EPA 8330	A, B	4-Amino-2,6-dinitrotoluene (4-Am-DNT)	NELAP	PA	12/12/2005
EPA 8330	A, B	4-Nitrotoluene	NELAP	PA	12/12/2005
EPA 8330	A, B	Methyl-2,4,6-trinitrophenylnitramine (Tetryl)	NELAP	PA	12/12/2005
EPA 8330	A, B	Nitrobenzene	NELAP	PA	06/11/2007
EPA 8330	A, B	Nitroglycerin	NELAP	PA	01/24/2007
EPA 8330	A, B	Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine (HMX)	NELAP	PA	12/12/2005
EPA 8330	A, B	Pentaerythritol tetranitrate (PETN)	NELAP	PA	05/02/2006
EPA 8330	A, B	RDX (Hexahydro-1,3,5-trinitro-1,3,5-triazine)	NELAP	PA	12/12/2005
EPA 9012	A, B	Total cyanide	NELAP	PA	05/24/2011
EPA 9040	C	pH	NELAP	PA	12/12/2005
EPA 9050	A	Conductivity	NELAP	PA	01/27/2014
EPA 9050		Conductivity	NELAP	PA	12/12/2005
EPA 9056	A	Anions by IC	NELAP	PA	03/19/2015
EPA 9056	A	Bromide	NELAP	PA	12/12/2005
EPA 9056	A	Chloride	NELAP	PA	12/12/2005
EPA 9056	A	Fluoride	NELAP	PA	12/12/2005
EPA 9056	A	Nitrate as N	NELAP	PA	12/12/2005
EPA 9056	A	Nitrite as N	NELAP	PA	01/19/2005
EPA 9056	A	Sulfate	NELAP	PA	12/12/2005
EPA 9060	A	Total organic carbon (TOC)	NELAP	PA	12/12/2005
EPA 9066		Total phenolics	NELAP	PA	12/12/2005
MA DEP EPH	1.1	C11-C22 Aromatics	NELAP	PA	07/15/2013
MA DEP EPH	1.1	C19-C36 Aliphatics	NELAP	PA	07/15/2013
MA DEP EPH	1.1	C9-C18 Aliphatics	NELAP	PA	07/15/2013
MA DEP VPH	1.1	C5-C8 Aliphatics	NELAP	PA	07/15/2013
MA DEP VPH	1.1	C9-C10 Aromatics	NELAP	PA	07/29/2015
MA DEP VPH	1.1	C9-C12 Aliphatics	NELAP	PA	07/15/2013
MA DEP VPH	2.1	C5-C8 Aliphatics	NELAP	PA	07/16/2018
MA DEP VPH	2.1	C9-C10 Aromatics	NELAP	PA	07/16/2018
MA DEP VPH	2.1	C9-C12 Aliphatics	NELAP	PA	07/16/2018
NWTPH-Dx		Diesel-range organics (DRO)	NELAP	PA	12/12/2005
NWTPH-Gx		Gasoline-range organics (GRO)	NELAP	PA	12/12/2005
OIA 1677-09		Available cyanide	NELAP	PA	10/09/2013

*Dane T. Mansell*

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**Eurofins Lancaster Laboratories Environmental LLC**  
2425 New Holland Pike  
Lancaster, PA 17601-5994  
(717) 656-2300

**DEP Laboratory ID: 36-00037**  
**EPA Lab Code: PA00009**  
**TNI Code: TNI02128**  
**PADWIS ID: 36037**

**Matrix: Non-Potable Water**

Method	Revision	Analyte	Accreditation Type	Primary State	Effective Date
OIA 1677-09		Free cyanide	NELAP	PA	10/09/2013
RSK-175		Acetylene (Ethyne)	NELAP	PA	01/20/2012
RSK-175		Carbon dioxide	NELAP	PA	11/19/2015
RSK-175		Ethane	NELAP	PA	06/29/2010
RSK-175		Ethene	NELAP	PA	06/29/2010
RSK-175		Isobutane (2-Methylpropane)	NELAP	PA	11/19/2015
RSK-175		Methane	NELAP	PA	06/29/2010
RSK-175		Propane	NELAP	PA	06/29/2010
RSK-175		n-Butane	NELAP	PA	12/22/2011
SM 2310 B		Acidity as CaCO <sub>3</sub>	NELAP	PA	03/27/2018
SM 2320 B		Alkalinity as CaCO <sub>3</sub>	NELAP	PA	01/19/2005
SM 2340 C		Total hardness as CaCO <sub>3</sub>	NELAP	PA	04/17/2007
SM 2510 B		Conductivity	NELAP	PA	12/12/2005
SM 2540 B		Residue, total	NELAP	PA	04/17/2007
SM 2540 C		Residue, filterable (TDS)	NELAP	PA	04/17/2007
SM 2540 D		Residue, nonfilterable (TSS)	NELAP	PA	04/17/2007
SM 2540 F		Residue, settleable	NELAP	PA	04/17/2007
SM 2550 B		Temperature, deg. C	NELAP	PA	08/30/2019
SM 3500-Cr B	20-22	Chromium VI	NELAP	PA	05/24/2007
SM 3500-Fe B	20-22	Ferrous iron	NELAP	PA	06/15/2009
SM 4500-CN- G		Amenable cyanide	NELAP	PA	05/24/2007
SM 4500-Cl F		Total residual chlorine	NELAP	PA	01/11/2012
SM 4500-Cl- C		Chloride	NELAP	PA	04/17/2007
SM 4500-F- B		Preliminary distillation of fluoride	NELAP	PA	04/28/2010
SM 4500-F- C		Fluoride	NELAP	PA	01/19/2005
SM 4500-H+ B		pH	NELAP	PA	04/17/2007
SM 4500-NH <sub>3</sub> B		Ammonia distillation	NELAP	PA	04/17/2007
SM 4500-NH <sub>3</sub> C		Ammonia as N	NELAP	PA	07/05/2018
SM 4500-NH <sub>3</sub> D		Ammonia as N	NELAP	PA	04/17/2007
SM 4500-O G		Oxygen (dissolved)	NELAP	PA	04/17/2007
SM 4500-P B		Preliminary treatment of phosphate samples	NELAP	PA	04/28/2010
SM 4500-S <sub>2</sub> - D		Sulfide	NELAP	PA	04/17/2007
SM 4500-S <sub>2</sub> - F		Sulfide	NELAP	PA	04/17/2007
SM 4500-SO <sub>3</sub> B		Sulfite, SO <sub>3</sub>	NELAP	PA	04/17/2007
SM 4500-SiO <sub>2</sub> C	20-22	Silica, as SiO <sub>2</sub>	NELAP	PA	05/25/2007
SM 4500-SiO <sub>2</sub> C	20-22	Silica, dissolved	NELAP	PA	05/24/2007
SM 5210 B		Biochemical oxygen demand (BOD)	NELAP	PA	04/04/2005
SM 5210 B		Carbonaceous BOD (CBOD)	NELAP	PA	05/14/2018
SM 5310 C		Total organic carbon (TOC)	NELAP	PA	05/24/2007
SM 5540 C		Surfactants as MBAS	NELAP	PA	04/17/2007
TX1005 (TNRCC)		Total petroleum hydrocarbons (TPH)	NELAP	PA	12/12/2005
TX1006 (TNRCC)		Total petroleum hydrocarbons (TPH)	NELAP	PA	12/12/2005

*Donna T. Hausler*

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**Lancaster, PA 17601-5994**  
**(717) 656-2300**

**DEP Laboratory ID: 36-00037**  
**EPA Lab Code: PA00009**  
**TNI Code: TNI02128**  
**PADWIS ID: 36037**

**Matrix: Non-Potable Water**

Method	Revision	Analyte	Accreditation Type	Primary State	Effective Date
WA-EPH		Diesel-range organics (DRO)	NELAP	PA	12/12/2005
WA-VPH		Gasoline-range organics (GRO)	NELAP	PA	12/12/2005

**Matrix: Solid and Chemical Materials**

Method	Revision	Analyte	Accreditation Type	Primary State	Effective Date
AK-101		Gasoline-range organics (GRO)	NELAP	PA	12/12/2005
AK-102		Diesel-range organics (DRO)	NELAP	PA	12/12/2005
AK-103		Residual-range organics (RRO)	NELAP	PA	03/19/2015
ASTM D3987-12		Shake extraction of solid waste with water	NELAP	PA	08/30/2019
ASTM D3987-85		Shake extraction of solid waste with water	NELAP	PA	07/21/2017
EPA 1010	A	Ignitability	NELAP	PA	11/19/2015
EPA 1010		Ignitability	NELAP	PA	01/19/2005
EPA 1311		Toxicity characteristic leaching procedure (TCLP)	NELAP	PA	12/12/2005
EPA 1312		Synthetic precipitation leaching procedure (SPLP)	NELAP	PA	12/12/2005
EPA 1613	B	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)	NELAP	PA	07/05/2018
EPA 1613	B	1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)	NELAP	PA	07/05/2018
EPA 1613	B	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (1,2,3,4,6,7,8-hpcdd)	NELAP	PA	07/05/2018
EPA 1613	B	1,2,3,4,6,7,8-Heptachlorodibenzofuran (1,2,3,4,6,7,8-hpcdf)	NELAP	PA	07/05/2018
EPA 1613	B	1,2,3,4,7,8,9-Heptachlorodibenzofuran (1,2,3,4,7,8,9-hpcdf)	NELAP	PA	07/05/2018
EPA 1613	B	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	NELAP	PA	07/05/2018
EPA 1613	B	1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	NELAP	PA	07/05/2018
EPA 1613	B	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	NELAP	PA	07/05/2018
EPA 1613	B	1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	NELAP	PA	07/05/2018
EPA 1613	B	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	NELAP	PA	07/05/2018
EPA 1613	B	1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	NELAP	PA	07/05/2018
EPA 1613	B	1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	NELAP	PA	07/05/2018
EPA 1613	B	1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	NELAP	PA	07/05/2018
EPA 1613	B	2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	NELAP	PA	07/05/2018
EPA 1613	B	2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	NELAP	PA	07/05/2018
EPA 1613	B	2,3,7,8-Tetrachlorodibenzo-p-dioxin (2,3,7,8-TCDD)(Dioxin)	NELAP	PA	07/05/2018
EPA 1613	B	2,3,7,8-Tetrachlorodibenzofuran (TCDF)	NELAP	PA	07/05/2018
EPA 1668	A, C	PCBs as congeners by HRGC/HRMS	NELAP	PA	03/04/2015
EPA 1668	A, C	2,2',3,3',4,4',5,5',6-Nonachlorobiphenyl (BZ 206)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,2',3,3',4,4',5,5'-Octachlorobiphenyl (BZ 194)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,2',3,3',4,4',5,6'-Octachlorobiphenyl (BZ 196)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,2',3,3',4,4',5,6,6'-Nonachlorobiphenyl (BZ 207)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,2',3,3',4,4',5,6-Octachlorobiphenyl (BZ 195)	NELAP	PA	12/17/2012

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**DEP Laboratory ID: 36-00037**  
**EPA Lab Code: PA00009**  
**TNI Code: TNI02128**  
**PADWIS ID: 36037**

**Matrix: Solid and Chemical Materials**

Method	Revision	Analyte	Accreditation Type	Primary State	Effective Date
EPA 1668	A, C	2,2',3,3',4,4',5-Heptachlorobiphenyl (BZ 170)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,2',3,3',4,4',6,6'-Octachlorobiphenyl (BZ 197)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,2',3,3',4,4',6-Heptachlorobiphenyl (BZ 171)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,2',3,3',4,4'-Hexachlorobiphenyl (BZ 128)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,2',3,3',4,5',6'-Heptachlorobiphenyl (BZ 177)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,2',3,3',4,5',6'-Octachlorobiphenyl (BZ 201)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,2',3,3',4,5',6'-Heptachlorobiphenyl (BZ 175)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,2',3,3',4,5'-Hexachlorobiphenyl (BZ 130)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,2',3,3',4,5,5',6'-Octachlorobiphenyl (BZ 199)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,2',3,3',4,5,5',6'-Nonachlorobiphenyl (BZ 208)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,2',3,3',4,5,5',6'-Octachlorobiphenyl (BZ 198)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,2',3,3',4,5,5'-Heptachlorobiphenyl (BZ 172)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,2',3,3',4,5,6'-Heptachlorobiphenyl (BZ 174)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,2',3,3',4,5,6'-Octachlorobiphenyl (BZ 200)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,2',3,3',4,5,6-Heptachlorobiphenyl (BZ 173)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,2',3,3',4,5-Hexachlorobiphenyl (BZ 129)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,2',3,3',4,6'-Hexachlorobiphenyl (BZ 132)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,2',3,3',4,6,6'-Heptachlorobiphenyl (BZ 176)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,2',3,3',4,6-Hexachlorobiphenyl (BZ 131)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,2',3,3',4-Pentachlorobiphenyl (BZ 82)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,2',3,3',5,5',6'-Octachlorobiphenyl (BZ 202)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,2',3,3',5,5',6-Heptachlorobiphenyl (BZ 178)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,2',3,3',5,5'-Hexachlorobiphenyl (BZ 133)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,2',3,3',5,6'-Hexachlorobiphenyl (BZ 135)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,2',3,3',5,6,6'-Heptachlorobiphenyl (BZ 179)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,2',3,3',5,6-Hexachlorobiphenyl (BZ 134)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,2',3,3',5-Pentachlorobiphenyl (BZ 83)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,2',3,3',6,6'-Hexachlorobiphenyl (BZ 136)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,2',3,3',6-Pentachlorobiphenyl (BZ 84)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,2',3,3'-Tetrachlorobiphenyl (BZ 40)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,2',3,4',5,6-Hexachlorobiphenyl (BZ 149)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,2',3,4',5-Pentachlorobiphenyl (BZ 97)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,2',3,4',5,5',6-Heptachlorobiphenyl (BZ 187)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,2',3,4',5,5'-Hexachlorobiphenyl (BZ 146)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,2',3,4',5,6'-Hexachlorobiphenyl (BZ 148)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,2',3,4',5,6,6'-Heptachlorobiphenyl (BZ 188)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,2',3,4',5,6-Hexachlorobiphenyl (BZ 147)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,2',3,4',5-Pentachlorobiphenyl (BZ 90)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,2',3,4',6-Pentachlorobiphenyl (BZ 98)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,2',3,4',6,6'-Hexachlorobiphenyl (BZ 150)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,2',3,4',6-Pentachlorobiphenyl (BZ 91)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,2',3,4'-Tetrachlorobiphenyl (BZ 42)	NELAP	PA	12/17/2012

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**DEP Laboratory ID: 36-00037**  
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**TNI Code: TNI02128**  
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**Matrix: Solid and Chemical Materials**

Method	Revision	Analyte	Accreditation Type	Primary State	Effective Date
EPA 1668	A, C	2,2',3,4,4',5',6-Heptachlorobiphenyl (BZ 183)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,2',3,4,4',5'-Hexachlorobiphenyl (BZ 138)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,2',3,4,4',5,5',6-Octachlorobiphenyl (BZ 203)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,2',3,4,4',5,5'-Heptachlorobiphenyl (BZ 180)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,2',3,4,4',5,6'-Heptachlorobiphenyl (BZ 182)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,2',3,4,4',5,6,6'-Octachlorobiphenyl (BZ 204)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,2',3,4,4',5,6-Heptachlorobiphenyl (BZ 181)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,2',3,4,4',5-Hexachlorobiphenyl (BZ 137)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,2',3,4,4',6'-Hexachlorobiphenyl (BZ 140)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,2',3,4,4',6,6'-Heptachlorobiphenyl (BZ 184)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,2',3,4,4',6-Hexachlorobiphenyl (BZ 139)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,2',3,4,4'-Pentachlorobiphenyl (BZ 85)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,2',3,4,5,6-Hexachlorobiphenyl (BZ 144)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,2',3,4,5'-Pentachlorobiphenyl (BZ 87)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,2',3,4,5,5',6-Heptachlorobiphenyl (BZ 185)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,2',3,4,5,5'-Hexachlorobiphenyl (BZ 141)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,2',3,4,5,6'-Hexachlorobiphenyl (BZ 143)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,2',3,4,5,6,6'-Heptachlorobiphenyl (BZ 186)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,2',3,4,5,6-Hexachlorobiphenyl (BZ 142)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,2',3,4,5-Pentachlorobiphenyl (BZ 86)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,2',3,4,6'-Pentachlorobiphenyl (BZ 89)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,2',3,4,6,6'-Hexachlorobiphenyl (BZ 145)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,2',3,4,6-Pentachlorobiphenyl (BZ 88)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,2',3,4-Tetrachlorobiphenyl (BZ 41)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,2',3,5',6-Pentachlorobiphenyl (BZ 95)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,2',3,5'-Tetrachlorobiphenyl (BZ 44)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,2',3,5,5',6-Hexachlorobiphenyl (BZ 151)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,2',3,5,5'-Pentachlorobiphenyl (BZ 92)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,2',3,5,6'-Pentachlorobiphenyl (BZ 94)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,2',3,5,6,6'-Hexachlorobiphenyl (BZ 152)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,2',3,5,6-Pentachlorobiphenyl (BZ 93)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,2',3,5-Tetrachlorobiphenyl (BZ 43)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,2',3,6'-Tetrachlorobiphenyl (BZ 46)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,2',3,6,6'-Pentachlorobiphenyl (BZ 96)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,2',3,6-Tetrachlorobiphenyl (BZ 45)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,2',3-Trichlorobiphenyl (BZ 16)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,2',4,4',5,5'-Hexachlorobiphenyl (BZ 153)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,2',4,4',5,6'-Hexachlorobiphenyl (BZ 154)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,2',4,4',5-Pentachlorobiphenyl (BZ 99)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,2',4,4',6,6'-Hexachlorobiphenyl (BZ 155)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,2',4,4',6-Pentachlorobiphenyl (BZ 100)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,2',4,4'-Tetrachlorobiphenyl (BZ 47)	NELAP	PA	12/17/2012

*Doreen T. Hansell*

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**Eurofins Lancaster Laboratories Environmental LLC**  
2425 New Holland Pike  
Lancaster, PA 17601-5994  
(717) 656-2300

DEP Laboratory ID: 36-00037  
EPA Lab Code: PA00009  
TNI Code: TNI02128  
PADWIS ID: 36037

**Matrix: Solid and Chemical Materials**

Method	Revision	Analyte	Accreditation Type	Primary State	Effective Date
EPA 1668	A, C	2,2',4,5',6-Pentachlorobiphenyl (BZ 103)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,2',4,5'-Tetrachlorobiphenyl (BZ 49)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,2',4,5,5'-Pentachlorobiphenyl (BZ 101)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,2',4,5,6'-Pentachlorobiphenyl (BZ 102)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,2',4,5-Tetrachlorobiphenyl (BZ 48)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,2',4,6'-Tetrachlorobiphenyl (BZ 51)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,2',4,6,6'-Pentachlorobiphenyl (BZ 104)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,2',4,6-Tetrachlorobiphenyl (BZ 50)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,2',4-Trichlorobiphenyl (BZ 17)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,2',5,5'-Tetrachlorobiphenyl (BZ 52)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,2',5,6'-Tetrachlorobiphenyl (BZ 53)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,2',5-Trichlorobiphenyl (BZ 18)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,2',6,6'-Tetrachlorobiphenyl (BZ 54)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,2',6-Trichlorobiphenyl (BZ 19)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,2'-Dichlorobiphenyl (BZ 4)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,3',4',5',6-Pentachlorobiphenyl (BZ 125)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,3',4',5'-Tetrachlorobiphenyl (BZ 76)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,3',4',5,5'-Pentachlorobiphenyl (BZ 124)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,3',4',5-Tetrachlorobiphenyl (BZ 70)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,3',4',6-Tetrachlorobiphenyl (BZ 71)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,3',4'-Trichlorobiphenyl (BZ 33)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,3',4,4',5',6-Hexachlorobiphenyl (BZ 168)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,3',4,4',5'-Pentachlorobiphenyl (BZ 123)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,3',4,4',5,5'-Hexachlorobiphenyl (BZ 167)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,3',4,4',5-Pentachlorobiphenyl (BZ 118)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,3',4,4',6-Pentachlorobiphenyl (BZ 119)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,3',4,4'-Tetrachlorobiphenyl (BZ 66)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,3',4,5',6-Pentachlorobiphenyl (BZ 121)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,3',4,5'-Tetrachlorobiphenyl (BZ 68)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,3',4,5,5'-Pentachlorobiphenyl (BZ 120)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,3',4,5-Tetrachlorobiphenyl (BZ 67)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,3',4,6-Tetrachlorobiphenyl (BZ 69)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,3',4-Trichlorobiphenyl (BZ 25)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,3',5',6-Tetrachlorobiphenyl (BZ 73)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,3',5-Trichlorobiphenyl (BZ 34)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,3',5,5'-Tetrachlorobiphenyl (BZ 72)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,3',5-Trichlorobiphenyl (BZ 26)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,3',6-Trichlorobiphenyl (BZ 27)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,3'-Dichlorobiphenyl (BZ 6)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,3,3',4',5',6-Hexachlorobiphenyl (BZ 164)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,3,3',4',5'-Pentachlorobiphenyl (BZ 122)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,3,3',4',5,5',6-Heptachlorobiphenyl (BZ 193)	NELAP	PA	12/17/2012

*Donna T. Haus*

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(717) 656-2300

DEP Laboratory ID: 36-00037  
EPA Lab Code: PA00009  
TNI Code: TNI02128  
PADWIS ID: 36037

**Matrix: Solid and Chemical Materials**

Method	Revision	Analyte	Accreditation Type	Primary State	Effective Date
EPA 1668	A, C	2,3,3',4',5,5'-Hexachlorobiphenyl (BZ 162)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,3,3',4',5,6-Hexachlorobiphenyl (BZ 163)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,3,3',4',5-Pentachlorobiphenyl (BZ 107)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,3,3',4',6-Pentachlorobiphenyl (BZ 110)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,3,3',4'-Tetrachlorobiphenyl (BZ 56)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,3,3',4,4',5',6-Heptachlorobiphenyl (BZ 191)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,3,3',4,4',5'-Hexachlorobiphenyl (BZ 157)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,3,3',4,4',5,5',6-Octachlorobiphenyl (BZ 205)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,3,3',4,4',5,5'-Heptachlorobiphenyl (BZ 189)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,3,3',4,4',5,6-Heptachlorobiphenyl (BZ 190)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,3,3',4,4',5-Hexachlorobiphenyl (BZ 156)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,3,3',4,4',6-Hexachlorobiphenyl (BZ 158)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,3,3',4,4'-Pentachlorobiphenyl (BZ 105)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,3,3',4,5',6-Hexachlorobiphenyl (BZ 161)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,3,3',4,5'-Pentachlorobiphenyl (BZ 108)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,3,3',4,5,5',6-Heptachlorobiphenyl (BZ 192)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,3,3',4,5,5'-Hexachlorobiphenyl (BZ 159)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,3,3',4,5,6-Hexachlorobiphenyl (BZ 160)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,3,3',4,5-Pentachlorobiphenyl (BZ 106)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,3,3',4,6-Pentachlorobiphenyl (BZ 109)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,3,3',4-Tetrachlorobiphenyl (BZ 55)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,3,3',5',6-Pentachlorobiphenyl (BZ 113)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,3,3',5-Tetrachlorobiphenyl (BZ 58)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,3,3',5,5',6-Hexachlorobiphenyl (BZ 165)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,3,3',5,5'-Pentachlorobiphenyl (BZ 111)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,3,3',5,6-Pentachlorobiphenyl (BZ 112)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,3,3',5-Tetrachlorobiphenyl (BZ 57)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,3,3',6-Tetrachlorobiphenyl (BZ 59)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,3,3'-Trichlorobiphenyl (BZ 20)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,3,4',5,6-Pentachlorobiphenyl (BZ 117)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,3,4',5-Tetrachlorobiphenyl (BZ 63)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,3,4',6-Tetrachlorobiphenyl (BZ 64)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,3,4'-Trichlorobiphenyl (BZ 22)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,3,4,4',5,6-Hexachlorobiphenyl (BZ 166)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,3,4,4',5-Pentachlorobiphenyl (BZ 114)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,3,4,4',6-Pentachlorobiphenyl (BZ 115)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,3,4,4'-Tetrachlorobiphenyl (BZ 60)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,3,4,5,6-Pentachlorobiphenyl (BZ 116)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,3,4,5-Tetrachlorobiphenyl (BZ 61)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,3,4,6-Tetrachlorobiphenyl (BZ 62)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,3,4-Trichlorobiphenyl (BZ 21)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,3,5,6-Tetrachlorobiphenyl (BZ 65)	NELAP	PA	12/17/2012

*Doris T. Haus*

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**Eurofins Lancaster Laboratories Environmental LLC**  
2425 New Holland Pike  
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(717) 656-2300

**DEP Laboratory ID: 36-00037**  
**EPA Lab Code: PA00009**  
**TNI Code: TNI02128**  
**PADWIS ID: 36037**

**Matrix: Solid and Chemical Materials**

Method	Revision	Analyte	Accreditation Type	Primary State	Effective Date
EPA 1668	A, C	2,3,5-Trichlorobiphenyl (BZ 23)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,3,6-Trichlorobiphenyl (BZ 24)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,3-Dichlorobiphenyl (BZ 5)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,4',5-Trichlorobiphenyl (BZ 31)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,4',6-Trichlorobiphenyl (BZ 32)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,4'-Dichlorobiphenyl (BZ 8)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,4,4',5-Tetrachlorobiphenyl (BZ 74)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,4,4',6-Tetrachlorobiphenyl (BZ 75)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,4,4'-Trichlorobiphenyl (BZ 28)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,4,5-Trichlorobiphenyl (BZ 29)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,4,6-Trichlorobiphenyl (BZ 30)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,4-Dichlorobiphenyl (BZ 7)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,5-Dichlorobiphenyl (BZ 9)	NELAP	PA	12/17/2012
EPA 1668	A, C	2,6-Dichlorobiphenyl (BZ 10)	NELAP	PA	12/17/2012
EPA 1668	A, C	2-Chlorobiphenyl (BZ 1)	NELAP	PA	12/17/2012
EPA 1668	A, C	3,3',4,4',5,5'-Hexachlorobiphenyl (BZ 169)	NELAP	PA	12/17/2012
EPA 1668	A, C	3,3',4,4',5-Pentachlorobiphenyl (BZ 126)	NELAP	PA	12/17/2012
EPA 1668	A, C	3,3',4,4'-Tetrachlorobiphenyl (BZ 77)	NELAP	PA	12/17/2012
EPA 1668	A, C	3,3',4,5'-Tetrachlorobiphenyl (BZ 79)	NELAP	PA	12/17/2012
EPA 1668	A, C	3,3',4,5,5'-Pentachlorobiphenyl (BZ 127)	NELAP	PA	12/17/2012
EPA 1668	A, C	3,3',4,5-Tetrachlorobiphenyl (BZ 78)	NELAP	PA	12/17/2012
EPA 1668	A, C	3,3',4-Trichlorobiphenyl (BZ 35)	NELAP	PA	12/17/2012
EPA 1668	A, C	3,3',5,5'-Tetrachlorobiphenyl (BZ 80)	NELAP	PA	12/17/2012
EPA 1668	A, C	3,3',5-Trichlorobiphenyl (BZ 36)	NELAP	PA	12/17/2012
EPA 1668	A, C	3,3'-Dichlorobiphenyl (BZ 11)	NELAP	PA	12/17/2012
EPA 1668	A, C	3,4',5-Trichlorobiphenyl (BZ 39)	NELAP	PA	12/17/2012
EPA 1668	A, C	3,4'-Dichlorobiphenyl (BZ 13)	NELAP	PA	12/17/2012
EPA 1668	A, C	3,4,4',5-Tetrachlorobiphenyl (BZ 81)	NELAP	PA	12/17/2012
EPA 1668	A, C	3,4,4'-Trichlorobiphenyl (BZ 37)	NELAP	PA	12/17/2012
EPA 1668	A, C	3,4,5-Trichlorobiphenyl (BZ 38)	NELAP	PA	12/17/2012
EPA 1668	A, C	3,4-Dichlorobiphenyl (BZ 12)	NELAP	PA	12/17/2012
EPA 1668	A, C	3,5-Dichlorobiphenyl (BZ 14)	NELAP	PA	12/17/2012
EPA 1668	A, C	3-Chlorobiphenyl (BZ 2)	NELAP	PA	12/17/2012
EPA 1668	A, C	4,4'-Dichlorobiphenyl (BZ 15)	NELAP	PA	12/17/2012
EPA 1668	A, C	4-Chlorobiphenyl (BZ 3)	NELAP	PA	12/17/2012
EPA 1668	A, C	Decachlorobiphenyl	NELAP	PA	12/17/2012
EPA 300.0	2.1	Bromide	NELAP	PA	03/09/2016
EPA 300.0	2.1	Chloride	NELAP	PA	11/27/2019
EPA 300.0	2.1	Fluoride	NELAP	PA	10/16/2012
EPA 300.0	2.1	Nitrate as N	NELAP	PA	11/27/2019
EPA 300.0	2.1	Nitrite as N	NELAP	PA	10/16/2012
EPA 300.0	2.1	Sulfate	NELAP	PA	10/16/2012

*Doreen T. Maus*

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DEP Laboratory ID: 36-00037  
EPA Lab Code: PA00009  
TNI Code: TNI02128  
PADWIS ID: 36037

**Matrix: Solid and Chemical Materials**

Method	Revision	Analyte	Accreditation Type	Primary State	Effective Date
EPA 3050	B	Acid digestion of solids	NELAP	PA	04/04/2005
EPA 3060	A	Alkaline digestion of Cr(VI)	NELAP	PA	04/04/2005
EPA 351.2		Kjeldahl nitrogen, total (TKN)	NELAP	PA	08/30/2019
EPA 3510	C	Separatory funnel liquid-liquid extraction	NELAP	PA	04/04/2005
EPA 3540	C	Soxhlet extraction	NELAP	PA	04/04/2005
EPA 3546		Microwave extraction	NELAP	PA	09/25/2009
EPA 3550	B	Ultrasonic extraction	NELAP	PA	04/04/2005
EPA 3550	C	Ultrasonic extraction	NELAP	PA	03/04/2015
EPA 3620	B	Florisil cleanup	NELAP	PA	04/04/2005
EPA 3620	C	Florisil cleanup	NELAP	PA	09/04/2018
EPA 3630	C	Silica gel cleanup	NELAP	PA	04/04/2005
EPA 3640	A	Gel permeation cleanup (GPC)	NELAP	PA	04/04/2005
EPA 365.1		Phosphorus, total	NELAP	PA	11/19/2015
EPA 3660	B	Sulfur cleanup	NELAP	PA	04/04/2005
EPA 3665	A	Sulfuric acid/permanganate clean-up	NELAP	PA	04/04/2005
EPA 5030		Bulk purge-and-trap (methanol)	NELAP	PA	12/04/2007
EPA 5035	A	Closed-system purge-and-trap (bisulfate option)	NELAP	PA	09/04/2018
EPA 5035	A	Closed-system purge-and-trap (methanol option)	NELAP	PA	09/04/2018
EPA 5035	A	Closed-system purge-and-trap (unpreserved)	NELAP	PA	09/04/2018
EPA 5035		Closed-system purge-and-trap (bisulfate option)	NELAP	PA	12/12/2005
EPA 5035		Closed-system purge-and-trap (methanol option)	NELAP	PA	04/04/2005
EPA 5035		Closed-system purge-and-trap (unpreserved)	NELAP	PA	04/04/2005
EPA 537 Isotope Dilution	1.1	10:2 Fluorotelomersulfonate (10:2 FTS)	NELAP	PA	08/30/2019
EPA 537 Isotope Dilution	1.1	1H, 1H, 2H, 2H-Perfluorodecane sulfonic acid (8:2-FTS)	NELAP	PA	11/04/2019
EPA 537 Isotope Dilution	1.1	1H, 1H, 2H, 2H-Perfluorododecane sulfonic acid (10:2-FTS)	NELAP	PA	11/04/2019
EPA 537 Isotope Dilution	1.1	1H, 1H, 2H, 2H-Perfluorohexane sulfonic acid (4:2-FTS)	NELAP	PA	11/04/2019
EPA 537 Isotope Dilution	1.1	1H, 1H, 2H, 2H-Perfluorooctane sulfonic acid (6:2-FTS)	NELAP	PA	11/04/2019
EPA 537 Isotope Dilution	1.1	4:2 Fluorotelomer sulfonate (4:2 FTS)	NELAP	PA	08/30/2019
EPA 537 Isotope Dilution	1.1	6:2 Fluorotelomersulfonate (6:2FTS)	NELAP	PA	08/30/2019
EPA 537 Isotope Dilution	1.1	8:2 Fluorotelomersulfonate (8:2FTS)	NELAP	PA	08/30/2019
EPA 537 Isotope Dilution	1.1	N-Ethylperfluorooctanesulfonamide (EtFOSA)	NELAP	PA	08/30/2019
EPA 537 Isotope Dilution	1.1	N-Methylperfluorooctanesulfonamide (MeFOSA)	NELAP	PA	08/30/2019
EPA 537 Isotope Dilution	1.1	N-ethylperfluoro-1-octanesulfonamido ethanol (N-EtFOSE)	NELAP	PA	08/30/2019
EPA 537 Isotope Dilution	1.1	N-methylperfluoro-1-octanesulfonamido ethanol (N-MeFOSE)	NELAP	PA	08/30/2019

*Dana T. Mansell*

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**Matrix: Solid and Chemical Materials**

Method	Revision	Analyte	Accreditation Type	Primary State	Effective Date
EPA 537 Isotope Dilution	1.1	Perfluorobutanesulfonic acid (PFBS)	NELAP	PA	08/30/2019
EPA 537 Isotope Dilution	1.1	Perfluorobutyric acid (PFBA)	NELAP	PA	08/30/2019
EPA 537 Isotope Dilution	1.1	Perfluorodecane sulfonate (PFDS)	NELAP	PA	08/30/2019
EPA 537 Isotope Dilution	1.1	Perfluorodecane sulfonic acid (PFDS)	NELAP	PA	11/04/2019
EPA 537 Isotope Dilution	1.1	Perfluorodecanoic acid (PFDA)	NELAP	PA	08/30/2019
EPA 537 Isotope Dilution	1.1	Perfluorododecane sulfonate	NELAP	PA	08/30/2019
EPA 537 Isotope Dilution	1.1	Perfluorododecane sulfonic acid (PFDoS)	NELAP	PA	11/04/2019
EPA 537 Isotope Dilution	1.1	Perfluorododecanoic acid (PFDoA)	NELAP	PA	08/30/2019
EPA 537 Isotope Dilution	1.1	Perfluoroheptanesulfonic acid (PFHpS)	NELAP	PA	08/30/2019
EPA 537 Isotope Dilution	1.1	Perfluoroheptanoic acid (PFHpA)	NELAP	PA	08/30/2019
EPA 537 Isotope Dilution	1.1	Perfluorohexadecanoic acid (PFHxDA)	NELAP	PA	08/30/2019
EPA 537 Isotope Dilution	1.1	Perfluorohexanesulfonic acid (PFHxS)	NELAP	PA	08/30/2019
EPA 537 Isotope Dilution	1.1	Perfluorohexanoic acid (PFHxA)	NELAP	PA	08/30/2019
EPA 537 Isotope Dilution	1.1	Perfluorononane sulfonic acid (PFNS)	NELAP	PA	11/04/2019
EPA 537 Isotope Dilution	1.1	Perfluorononanesulfonate (PFNS)	NELAP	PA	08/30/2019
EPA 537 Isotope Dilution	1.1	Perfluorononanoic acid (PFNA)	NELAP	PA	08/30/2019
EPA 537 Isotope Dilution	1.1	Perfluorooctadecanoic acid (PFODA)	NELAP	PA	08/30/2019
EPA 537 Isotope Dilution	1.1	Perfluorooctane sulfonamide (PFOSA)	NELAP	PA	08/30/2019
EPA 537 Isotope Dilution	1.1	Perfluorooctanesulfonic acid (PFOS)	NELAP	PA	08/30/2019
EPA 537 Isotope Dilution	1.1	Perfluorooctanoic acid (PFOA)	NELAP	PA	08/30/2019
EPA 537 Isotope Dilution	1.1	Perfluoropentane sulfonic acid (PFPeS)	NELAP	PA	11/04/2019
EPA 537 Isotope Dilution	1.1	Perfluoropentanesulfonate (PFPeS)	NELAP	PA	08/30/2019
EPA 537 Isotope Dilution	1.1	Perfluoropentanoic acid (PFPEA)	NELAP	PA	08/30/2019
EPA 537 Isotope Dilution	1.1	Perfluorotetradecanoic acid (PFTA)	NELAP	PA	08/30/2019
EPA 537 Isotope Dilution	1.1	Perfluorotridecanoic acid (PFTDA)	NELAP	PA	08/30/2019

*Daniel T. Harrell*

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**Eurofins Lancaster Laboratories Environmental LLC**  
2425 New Holland Pike  
Lancaster, PA 17601-5994  
(717) 656-2300

**DEP Laboratory ID: 36-00037**  
**EPA Lab Code: PA00009**  
**TNI Code: TNI02128**  
**PADWIS ID: 36037**

**Matrix: Solid and Chemical Materials**

Method	Revision	Analyte	Accreditation Type	Primary State	Effective Date
EPA 537 Isotope Dilution	1.1	Perfluoroundecanoic acid (PFUnA)	NELAP	PA	08/30/2019
EPA 537 Isotope Dilution	1.1	n-Ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	NELAP	PA	08/30/2019
EPA 537 Isotope Dilution	1.1	n-Methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	NELAP	PA	08/30/2019
EPA 6010	B, C	Metals by ICP/AES	NELAP	PA	03/26/2012
EPA 6010	D	Metals by ICP/AES	NELAP	PA	07/09/2018
EPA 6010	B, C, D	Aluminum	NELAP	PA	01/19/2005
EPA 6010	B, C, D	Antimony	NELAP	PA	01/19/2005
EPA 6010	B, C, D	Arsenic	NELAP	PA	01/19/2005
EPA 6010	B, C, D	Barium	NELAP	PA	01/19/2005
EPA 6010	B, C, D	Beryllium	NELAP	PA	01/19/2005
EPA 6010	B, C, D	Boron	NELAP	PA	01/19/2005
EPA 6010	B, C, D	Cadmium	NELAP	PA	01/19/2005
EPA 6010	B, C, D	Calcium	NELAP	PA	01/19/2005
EPA 6010	B, C, D	Chromium	NELAP	PA	01/19/2005
EPA 6010	B, C, D	Cobalt	NELAP	PA	01/19/2005
EPA 6010	B, C, D	Copper	NELAP	PA	01/19/2005
EPA 6010	B, C, D	Iron	NELAP	PA	01/19/2005
EPA 6010	B, C, D	Lead	NELAP	PA	01/19/2005
EPA 6010	B, C, D	Lithium	NELAP	PA	01/20/2012
EPA 6010	B, C, D	Magnesium	NELAP	PA	01/19/2005
EPA 6010	B, C, D	Manganese	NELAP	PA	01/19/2005
EPA 6010	B, C, D	Molybdenum	NELAP	PA	01/19/2005
EPA 6010	B, C, D	Nickel	NELAP	PA	01/19/2005
EPA 6010	B, C, D	Potassium	NELAP	PA	01/19/2005
EPA 6010	B, C, D	Selenium	NELAP	PA	01/19/2005
EPA 6010	B, C, D	Silica, as SiO <sub>2</sub>	NELAP	PA	01/20/2012
EPA 6010	B, C, D	Silver	NELAP	PA	01/19/2005
EPA 6010	B, C, D	Sodium	NELAP	PA	01/19/2005
EPA 6010	B, C, D	Strontium	NELAP	PA	01/19/2005
EPA 6010	B, C, D	Sulfur	NELAP	PA	12/19/2011
EPA 6010	B, C, D	Tellurium	NELAP	PA	02/04/2016
EPA 6010	B, C, D	Thallium	NELAP	PA	01/19/2005
EPA 6010	B, C, D	Thorium	NELAP	PA	11/19/2015
EPA 6010	B, C, D	Tin	NELAP	PA	01/19/2005
EPA 6010	B, C, D	Titanium	NELAP	PA	01/19/2005
EPA 6010	B, C, D	Tungsten	NELAP	PA	11/19/2015
EPA 6010	B, C, D	Vanadium	NELAP	PA	01/19/2005
EPA 6010	B, C, D	Zinc	NELAP	PA	01/19/2005
EPA 6010	B, C, D	Zirconium	NELAP	PA	07/29/2015
EPA 6020	A	Metals by ICP/MS	NELAP	PA	03/26/2012

*Dane T. Marshall*

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**Eurofins Lancaster Laboratories Environmental LLC**  
2425 New Holland Pike  
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(717) 656-2300

DEP Laboratory ID: 36-00037  
EPA Lab Code: PA00009  
TNI Code: TNI02128  
PADWIS ID: 36037

**Matrix: Solid and Chemical Materials**

Method	Revision	Analyte	Accreditation Type	Primary State	Effective Date
EPA 6020	B	Metals by ICP/MS	NELAP	PA	07/09/2018
EPA 6020	A, B	Aluminum	NELAP	PA	04/29/2010
EPA 6020	A, B	Antimony	NELAP	PA	01/19/2005
EPA 6020	A, B	Arsenic	NELAP	PA	01/19/2005
EPA 6020	A, B	Barium	NELAP	PA	01/20/2012
EPA 6020	A, B	Beryllium	NELAP	PA	01/19/2005
EPA 6020	A, B	Cadmium	NELAP	PA	01/19/2005
EPA 6020	A, B	Calcium	NELAP	PA	04/29/2010
EPA 6020	A, B	Chromium	NELAP	PA	01/19/2005
EPA 6020	A, B	Cobalt	NELAP	PA	04/29/2010
EPA 6020	A, B	Copper	NELAP	PA	01/19/2005
EPA 6020	A, B	Iron	NELAP	PA	04/29/2010
EPA 6020	A, B	Lead	NELAP	PA	01/19/2005
EPA 6020	A, B	Magnesium	NELAP	PA	04/29/2010
EPA 6020	A, B	Manganese	NELAP	PA	04/29/2010
EPA 6020	A, B	Molybdenum	NELAP	PA	07/25/2011
EPA 6020	A, B	Nickel	NELAP	PA	04/04/2005
EPA 6020	A, B	Potassium	NELAP	PA	04/29/2010
EPA 6020	A, B	Selenium	NELAP	PA	04/04/2005
EPA 6020	A, B	Silver	NELAP	PA	02/23/2010
EPA 6020	A, B	Sodium	NELAP	PA	04/29/2010
EPA 6020	A, B	Strontium	NELAP	PA	04/29/2010
EPA 6020	A, B	Thallium	NELAP	PA	01/19/2005
EPA 6020	A, B	Tin	NELAP	PA	04/29/2010
EPA 6020	A, B	Titanium	NELAP	PA	04/29/2010
EPA 6020	A, B	Uranium (mass)	NELAP	PA	11/19/2015
EPA 6020	A, B	Vanadium	NELAP	PA	01/07/2010
EPA 6020	A, B	Zinc	NELAP	PA	02/01/2011
EPA 680		Decachlorobiphenyl	NELAP	PA	01/19/2016
EPA 680		Dichlorobiphenyls	NELAP	PA	01/19/2016
EPA 680		Heptachlorobiphenyls	NELAP	PA	01/19/2016
EPA 680		Hexachlorobiphenyls	NELAP	PA	01/19/2016
EPA 680		Monochlorobiphenyls	NELAP	PA	01/19/2016
EPA 680		Nonachlorobiphenyls	NELAP	PA	01/19/2016
EPA 680		Octachlorobiphenyls	NELAP	PA	01/19/2016
EPA 680		Pentachlorobiphenyls	NELAP	PA	01/19/2016
EPA 680		Tetrachlorobiphenyls	NELAP	PA	01/19/2016
EPA 680		Trichlorobiphenyls	NELAP	PA	01/19/2016
EPA 6850		Perchlorate	NELAP	PA	01/19/2011
EPA 7.3.3.2		Reactive cyanide	NELAP	PA	12/12/2005
EPA 7.3.4.2		Reactive sulfide	NELAP	PA	12/12/2005
EPA 7196	A	Chromium VI	NELAP	PA	07/09/2018

*Dane T. Hausler*

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DEP Laboratory ID: 36-00037  
EPA Lab Code: PA00009  
TNI Code: TNI02128  
PADWIS ID: 36037

**Matrix: Solid and Chemical Materials**

Method	Revision	Analyte	Accreditation Type	Primary State	Effective Date
EPA 7199		Chromium VI	NELAP	PA	05/02/2006
EPA 7471	A, B	Mercury	NELAP	PA	10/17/2007
EPA 8011		1,2-Dibromo-3-chloropropane (DBCP, Dibromochloropropane)	NELAP	PA	07/05/2018
EPA 8011		1,2-Dibromoethane (EDB, Ethylene dibromide)	NELAP	PA	07/09/2018
EPA 8015	B, C	Nonhalogenated organics by GC/FID	NELAP	PA	03/26/2012
EPA 8015	D	Nonhalogenated organics by GC/FID	NELAP	PA	07/29/2015
EPA 8015	B, C, D	Diesel-range organics (DRO)	NELAP	PA	04/04/2005
EPA 8015	B, C, D	Ethanol	NELAP	PA	01/19/2005
EPA 8015	B, C, D	Ethylene glycol	NELAP	PA	12/04/2007
EPA 8015	B, C, D	Gasoline-range organics (GRO)	NELAP	PA	04/04/2005
EPA 8015	B, C, D	Isopropyl alcohol (2-Propanol)	NELAP	PA	12/04/2007
EPA 8015	B, C, D	Methanol	NELAP	PA	01/19/2005
EPA 8015	B, C, D	Triethylene glycol	NELAP	PA	07/05/2018
EPA 8081	A	Organochlorine pesticides by GC/ECD	NELAP	PA	03/26/2012
EPA 8081	B	Organochlorine pesticides by GC/ECD	NELAP	PA	01/01/2013
EPA 8081	A, B	2,4'-DDD	NELAP	PA	11/19/2015
EPA 8081	A, B	2,4'-DDE	NELAP	PA	11/19/2015
EPA 8081	A, B	2,4'-DDT	NELAP	PA	11/19/2015
EPA 8081	A, B	4,4'-DDD	NELAP	PA	01/19/2005
EPA 8081	A, B	4,4'-DDE	NELAP	PA	01/19/2005
EPA 8081	A, B	4,4'-DDT	NELAP	PA	01/19/2005
EPA 8081	A, B	Aldrin (HHDN)	NELAP	PA	01/19/2005
EPA 8081	A, B	Chlordane (tech.)	NELAP	PA	01/19/2005
EPA 8081	A, B	Dieldrin	NELAP	PA	01/19/2005
EPA 8081	A, B	Endosulfan I	NELAP	PA	01/19/2005
EPA 8081	A, B	Endosulfan II	NELAP	PA	01/19/2005
EPA 8081	A, B	Endosulfan sulfate	NELAP	PA	01/19/2005
EPA 8081	A, B	Endrin	NELAP	PA	01/19/2005
EPA 8081	A, B	Endrin aldehyde	NELAP	PA	01/19/2005
EPA 8081	A, B	Endrin ketone	NELAP	PA	01/19/2005
EPA 8081	A, B	Heptachlor	NELAP	PA	01/19/2005
EPA 8081	A, B	Heptachlor epoxide	NELAP	PA	01/19/2005
EPA 8081	A, B	Kepone	NELAP	PA	01/19/2005
EPA 8081	A, B	Methoxychlor	NELAP	PA	01/19/2005
EPA 8081	A, B	Mirex	NELAP	PA	01/19/2005
EPA 8081	A, B	Toxaphene (Chlorinated camphene)	NELAP	PA	01/19/2005
EPA 8081	A, B	alpha-BHC (alpha-Hexachlorocyclohexane)	NELAP	PA	01/19/2005
EPA 8081	A, B	alpha-Chlordane	NELAP	PA	04/04/2005
EPA 8081	A, B	beta-BHC (beta-Hexachlorocyclohexane)	NELAP	PA	01/19/2005
EPA 8081	A, B	delta-BHC (delta-Hexachlorocyclohexane)	NELAP	PA	01/19/2005

*Diane T. Hansell*

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**Eurofins Lancaster Laboratories Environmental LLC**  
2425 New Holland Pike  
Lancaster, PA 17601-5994  
(717) 656-2300

DEP Laboratory ID: 36-00037  
EPA Lab Code: PA00009  
TNI Code: TNI02128  
PADWIS ID: 36037

**Matrix: Solid and Chemical Materials**

Method	Revision	Analyte	Accreditation Type	Primary State	Effective Date
EPA 8081	A, B	gamma-BHC (Lindane, gamma-Hexachlorocyclohexane)	NELAP	PA	01/19/2005
EPA 8081	A, B	gamma-Chlordane	NELAP	PA	04/04/2005
EPA 8082	A	PCBs by GC/ECD	NELAP	PA	03/26/2012
EPA 8082	A	Aroclor-1016 (PCB-1016)	NELAP	PA	01/02/2007
EPA 8082	A	Aroclor-1016 (in oil)	NELAP	PA	07/09/2018
EPA 8082	A	Aroclor-1221 (PCB-1221)	NELAP	PA	01/02/2007
EPA 8082	A	Aroclor-1221 (in oil)	NELAP	PA	07/09/2018
EPA 8082	A	Aroclor-1232 (PCB-1232)	NELAP	PA	01/02/2007
EPA 8082	A	Aroclor-1232 (in oil)	NELAP	PA	07/09/2018
EPA 8082	A	Aroclor-1242 (PCB-1242)	NELAP	PA	01/02/2007
EPA 8082	A	Aroclor-1242 (in oil)	NELAP	PA	07/09/2018
EPA 8082	A	Aroclor-1248 (PCB-1248)	NELAP	PA	01/02/2007
EPA 8082	A	Aroclor-1248 (in oil)	NELAP	PA	07/09/2018
EPA 8082	A	Aroclor-1254 (PCB-1254)	NELAP	PA	01/02/2007
EPA 8082	A	Aroclor-1254 (in oil)	NELAP	PA	07/09/2018
EPA 8082	A	Aroclor-1260 (PCB-1260)	NELAP	PA	01/02/2007
EPA 8082	A	Aroclor-1260 (in oil)	NELAP	PA	07/09/2018
EPA 8082	A	Aroclor-1262 (PCB-1262)	NELAP	PA	07/23/2008
EPA 8082	A	Aroclor-1268 (PCB-1268)	NELAP	PA	07/23/2008
EPA 8082	A	Decachlorobiphenyl	NELAP	PA	12/17/2012
EPA 8141	A, B	Organophosphorus compounds by GC/NPD	NELAP	PA	03/26/2012
EPA 8141	A, B	Alachlor (Lasso)	NELAP	PA	01/21/2009
EPA 8141	A, B	Atrazine	NELAP	PA	01/19/2005
EPA 8141	A, B	Azinphos-methyl (Guthion)	NELAP	PA	04/04/2005
EPA 8141	A, B	Bolstar (Sulprofos)	NELAP	PA	01/19/2005
EPA 8141	A, B	Carbophenothion (Trithion)	NELAP	PA	11/09/2012
EPA 8141	A, B	Chlorpyrifos	NELAP	PA	04/04/2005
EPA 8141	A, B	Coumaphos	NELAP	PA	01/19/2005
EPA 8141	A, B	Demeton-O	NELAP	PA	01/19/2005
EPA 8141	A, B	Demeton-S	NELAP	PA	01/19/2005
EPA 8141	A, B	Diazinon (Spectracide)	NELAP	PA	01/19/2005
EPA 8141	A, B	Dichlorvos (DDVP, Dichlorvos)	NELAP	PA	01/19/2005
EPA 8141	A, B	Disulfoton	NELAP	PA	01/19/2005
EPA 8141	A, B	EPN (Santox)	NELAP	PA	01/19/2005
EPA 8141	A, B	Ethion	NELAP	PA	01/19/2005
EPA 8141	A, B	Ethoprop (Propfos)	NELAP	PA	01/19/2005
EPA 8141	A, B	Famphur	NELAP	PA	01/19/2005
EPA 8141	A, B	Fensulfothion	NELAP	PA	01/19/2005
EPA 8141	A, B	Fenthion	NELAP	PA	04/04/2005
EPA 8141	A, B	Malathion	NELAP	PA	01/19/2005
EPA 8141	A, B	Merphos	NELAP	PA	01/19/2005

*Donna T. Mansell*

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**DEP Laboratory ID: 36-00037**  
**EPA Lab Code: PA00009**  
**TNI Code: TNI02128**  
**PADWIS ID: 36037**

**Matrix: Solid and Chemical Materials**

Method	Revision	Analyte	Accreditation Type	Primary State	Effective Date
EPA 8141	A, B	Methyl parathion (Parathion, methyl)	NELAP	PA	05/25/2005
EPA 8141	A, B	Mevinphos	NELAP	PA	01/19/2005
EPA 8141	A, B	Naled	NELAP	PA	01/19/2005
EPA 8141	A, B	Parathion, ethyl (Ethyl parathion, Parathion)	NELAP	PA	01/19/2005
EPA 8141	A, B	Phorate (Thimet)	NELAP	PA	01/19/2005
EPA 8141	A, B	Ronnel	NELAP	PA	01/19/2005
EPA 8141	A, B	Simazine	NELAP	PA	01/04/2006
EPA 8141	A, B	Stirophos (Tetrachlorovinphos)	NELAP	PA	01/19/2005
EPA 8141	A, B	Tokuthion (Prothiophos)	NELAP	PA	01/19/2005
EPA 8141	A, B	Trichloronate	NELAP	PA	01/19/2005
EPA 8151	A	Chlorinated herbicides by GC/ECD	NELAP	PA	03/26/2012
EPA 8151	A	2,4,5-T	NELAP	PA	01/19/2005
EPA 8151	A	2,4,5-TP (Silvex)	NELAP	PA	01/19/2005
EPA 8151	A	2,4-D	NELAP	PA	01/19/2005
EPA 8151	A	2,4-DB (Butoxon)	NELAP	PA	04/04/2005
EPA 8151	A	Dalapon (2,2-Dichloropropionic acid)	NELAP	PA	01/19/2005
EPA 8151	A	Dicamba	NELAP	PA	01/19/2005
EPA 8151	A	Dichloroprop (Dichlorprop)	NELAP	PA	01/19/2005
EPA 8151	A	Dinoseb (2-sec-Butyl-4,6-dinitrophenol, DNBP)	NELAP	PA	01/19/2005
EPA 8151	A	MCPA	NELAP	PA	01/19/2005
EPA 8151	A	MCCP (Mecoprop)	NELAP	PA	05/02/2006
EPA 8151	A	Pentachlorophenol (PCP)	NELAP	PA	01/19/2005
EPA 8151	A	Picloram (4-Amino-3,5,6-trichloro-2-pyridinecarboxylic acid)	NELAP	PA	01/19/2005
EPA 8260	B, C	VOCs by GC/MS	NELAP	PA	03/26/2012
EPA 8260	D	VOCs by GC/MS	NELAP	PA	11/04/2019
EPA 8260	B, C	2-Chloroethyl vinyl ether	NELAP	PA	01/19/2005
EPA 8260	B, C	3,3'-Dimethyl-1-butanol	NELAP	PA	04/17/2009
EPA 8260	B, C	4-Chloro-2-nitrophenol	NELAP	PA	05/02/2006
EPA 8260	B, C	Crotonaldehyde	NELAP	PA	10/30/2014
EPA 8260	B, C	Epichlorohydrin (1-Chloro-2,3-epoxypropane)	NELAP	PA	01/04/2006
EPA 8260	B, C	Ethylene oxide	NELAP	PA	10/30/2014
EPA 8260	B, C	Gasoline-range organics (GRO)	NELAP	PA	06/08/2006
EPA 8260	B, C	tert-Amyl alcohol (2-Methyl-2-butanol)	NELAP	PA	04/17/2009
EPA 8260	B, C	tert-Butyl ethyl ether	NELAP	PA	05/25/2007
EPA 8260	B, C	tert-Butyl formate	NELAP	PA	04/17/2009
EPA 8260	B, C, D	1,1,1,2-Tetrachloroethane	NELAP	PA	01/19/2005
EPA 8260	B, C, D	1,1,1-Trichloroethane	NELAP	PA	01/19/2005
EPA 8260	B, C, D	1,1,2,2-Tetrachloroethane	NELAP	PA	01/19/2005
EPA 8260	B, C, D	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	NELAP	PA	05/02/2006
EPA 8260	B, C, D	1,1,2-Trichloroethane	NELAP	PA	01/19/2005
EPA 8260	B, C, D	1,1-Dichloroethane	NELAP	PA	01/19/2005

*Dana T. Mansell*

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**Matrix: Solid and Chemical Materials**

Method	Revision	Analyte	Accreditation Type	Primary State	Effective Date
EPA 8260	B, C, D	1,1-Dichloroethene (1,1-Dichloroethylene)	NELAP	PA	01/19/2005
EPA 8260	B, C, D	1,1-Dichloropropene	NELAP	PA	01/19/2005
EPA 8260	B, C, D	1,2,3-Trichlorobenzene	NELAP	PA	01/19/2005
EPA 8260	B, C, D	1,2,3-Trichloropropane (1,2,3-TCP)	NELAP	PA	01/19/2005
EPA 8260	B, C, D	1,2,3-Trimethylbenzene	NELAP	PA	09/04/2018
EPA 8260	B, C, D	1,2,4-Trichlorobenzene	NELAP	PA	01/19/2005
EPA 8260	B, C, D	1,2,4-Trimethylbenzene	NELAP	PA	01/19/2005
EPA 8260	B, C, D	1,2-Dibromo-3-chloropropane (DBCP, Dibromochloropropane)	NELAP	PA	01/19/2005
EPA 8260	B, C, D	1,2-Dibromoethane (EDB, Ethylene dibromide)	NELAP	PA	01/19/2005
EPA 8260	B, C, D	1,2-Dichlorobenzene (o-Dichlorobenzene)	NELAP	PA	01/19/2005
EPA 8260	B, C, D	1,2-Dichloroethane	NELAP	PA	01/19/2005
EPA 8260	B, C, D	1,2-Dichloropropane	NELAP	PA	01/19/2005
EPA 8260	B, C, D	1,3,5-Trimethylbenzene	NELAP	PA	01/19/2005
EPA 8260	B, C, D	1,3-Dichlorobenzene (m-Dichlorobenzene)	NELAP	PA	01/19/2005
EPA 8260	B, C, D	1,3-Dichloropropane	NELAP	PA	01/19/2005
EPA 8260	B, C, D	1,4-Dichlorobenzene (p-Dichlorobenzene)	NELAP	PA	01/19/2005
EPA 8260	B, C, D	1,4-Dioxane (1,4-Diethyleneoxide)	NELAP	PA	01/19/2005
EPA 8260	B, C, D	2,2-Dichloropropane	NELAP	PA	01/19/2005
EPA 8260	B, C, D	2-Butanone (Methyl ethyl ketone, MEK)	NELAP	PA	01/19/2005
EPA 8260	B, C, D	2-Chlorotoluene	NELAP	PA	05/02/2006
EPA 8260	B, C, D	2-Hexanone	NELAP	PA	01/19/2005
EPA 8260	B, C, D	2-Nitropropane	NELAP	PA	12/17/2012
EPA 8260	B, C, D	4-Chlorotoluene	NELAP	PA	01/19/2005
EPA 8260	B, C, D	4-Methyl-2-pentanone (MIBK)	NELAP	PA	01/19/2005
EPA 8260	B, C, D	Acetone	NELAP	PA	01/19/2005
EPA 8260	B, C, D	Acetonitrile	NELAP	PA	01/04/2006
EPA 8260	B, C, D	Acrolein (Propenal)	NELAP	PA	01/19/2005
EPA 8260	B, C, D	Acrylonitrile	NELAP	PA	01/19/2005
EPA 8260	B, C, D	Allyl chloride (3-Chloropropene)	NELAP	PA	01/19/2005
EPA 8260	B, C, D	Benzene	NELAP	PA	01/19/2005
EPA 8260	B, C, D	Benzyl chloride	NELAP	PA	01/04/2006
EPA 8260	B, C, D	Bromobenzene	NELAP	PA	01/19/2005
EPA 8260	B, C, D	Bromochloromethane	NELAP	PA	01/19/2005
EPA 8260	B, C, D	Bromodichloromethane	NELAP	PA	01/19/2005
EPA 8260	B, C, D	Bromoform	NELAP	PA	01/19/2005
EPA 8260	B, C, D	Carbon disulfide	NELAP	PA	01/19/2005
EPA 8260	B, C, D	Carbon tetrachloride	NELAP	PA	01/19/2005
EPA 8260	B, C, D	Chlorobenzene	NELAP	PA	01/19/2005
EPA 8260	B, C, D	Chloroethane	NELAP	PA	01/19/2005
EPA 8260	B, C, D	Chloroform	NELAP	PA	01/19/2005
EPA 8260	B, C, D	Chloroprene (2-Chloro-1,3-butadiene)	NELAP	PA	04/17/2009

*Donna T. Mansell*

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**Eurofins Lancaster Laboratories Environmental LLC**  
2425 New Holland Pike  
Lancaster, PA 17601-5994  
(717) 656-2300

DEP Laboratory ID: 36-00037  
EPA Lab Code: PA00009  
TNI Code: TNI02128  
PADWIS ID: 36037

**Matrix: Solid and Chemical Materials**

Method	Revision	Analyte	Accreditation Type	Primary State	Effective Date
EPA 8260	B, C, D	Cyclohexane	NELAP	PA	06/29/2010
EPA 8260	B, C, D	Cyclohexanone	NELAP	PA	07/03/2007
EPA 8260	B, C, D	Dibromochloromethane	NELAP	PA	01/19/2005
EPA 8260	B, C, D	Dibromomethane	NELAP	PA	01/19/2005
EPA 8260	B, C, D	Dichlorodifluoromethane (Freon 12)	NELAP	PA	01/19/2005
EPA 8260	B, C, D	Diisopropyl ether (DIPE)	NELAP	PA	07/03/2007
EPA 8260	B, C, D	Ethanol	NELAP	PA	01/04/2006
EPA 8260	B, C, D	Ethyl acetate	NELAP	PA	01/04/2006
EPA 8260	B, C, D	Ethyl methacrylate	NELAP	PA	01/04/2006
EPA 8260	B, C, D	Ethyl tert-butyl ether (ETBE)	NELAP	PA	07/03/2007
EPA 8260	B, C, D	Ethylbenzene	NELAP	PA	01/19/2005
EPA 8260	B, C, D	Hexachlorobutadiene (1,3-Hexachlorobutadiene)	NELAP	PA	01/19/2005
EPA 8260	B, C, D	Isobutyl alcohol (2-Methyl-1-propanol)	NELAP	PA	07/03/2007
EPA 8260	B, C, D	Isopropyl alcohol (2-Propanol)	NELAP	PA	01/19/2005
EPA 8260	B, C, D	Isopropylbenzene (Cumene)	NELAP	PA	08/07/2005
EPA 8260	B, C, D	Methacrylonitrile	NELAP	PA	01/24/2007
EPA 8260	B, C, D	Methyl acetate	NELAP	PA	06/29/2010
EPA 8260	B, C, D	Methyl bromide (Bromomethane)	NELAP	PA	01/19/2005
EPA 8260	B, C, D	Methyl chloride (Chloromethane)	NELAP	PA	01/19/2005
EPA 8260	B, C, D	Methyl iodide (Iodomethane)	NELAP	PA	05/02/2006
EPA 8260	B, C, D	Methyl tert-butyl ether (MTBE)	NELAP	PA	01/19/2005
EPA 8260	B, C, D	Methylcyclohexane	NELAP	PA	01/21/2009
EPA 8260	B, C, D	Methylene chloride (Dichloromethane)	NELAP	PA	01/19/2005
EPA 8260	B, C, D	Methylmethacrylate	NELAP	PA	05/02/2006
EPA 8260	B, C, D	Naphthalene	NELAP	PA	01/19/2005
EPA 8260	B, C, D	Pentachloroethane	NELAP	PA	01/24/2007
EPA 8260	B, C, D	Propionitrile (Ethyl cyanide)	NELAP	PA	01/24/2007
EPA 8260	B, C, D	Styrene	NELAP	PA	01/19/2005
EPA 8260	B, C, D	Tetrachloroethene (PCE, Perchloroethylene)	NELAP	PA	01/19/2005
EPA 8260	B, C, D	Tetrahydrofuran (THF)	NELAP	PA	06/07/2012
EPA 8260	B, C, D	Toluene	NELAP	PA	01/19/2005
EPA 8260	B, C, D	Trichloroethene (TCE, Trichloroethylene)	NELAP	PA	01/19/2005
EPA 8260	B, C, D	Trichlorofluoromethane (Freon 11)	NELAP	PA	01/19/2005
EPA 8260	B, C, D	Vinyl acetate	NELAP	PA	01/19/2005
EPA 8260	B, C, D	Vinyl chloride (Chloroethene)	NELAP	PA	01/19/2005
EPA 8260	B, C, D	Xylenes, total	NELAP	PA	01/19/2005
EPA 8260	B, C, D	cis-1,2-Dichloroethene	NELAP	PA	01/19/2005
EPA 8260	B, C, D	cis-1,3-Dichloropropene	NELAP	PA	01/19/2005
EPA 8260	B, C, D	m+p-Xylene	NELAP	PA	01/24/2007
EPA 8260	B, C, D	n-Butyl acetate	NELAP	PA	01/19/2016
EPA 8260	B, C, D	n-Butyl alcohol (n-Butanol, 1-Butanol)	NELAP	PA	01/19/2005
EPA 8260	B, C, D	n-Butylbenzene	NELAP	PA	01/19/2005

*Dawn T. Hansell*

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2425 New Holland Pike  
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(717) 656-2300

DEP Laboratory ID: 36-00037  
EPA Lab Code: PA00009  
TNI Code: TNI02128  
PADWIS ID: 36037

**Matrix: Solid and Chemical Materials**

Method	Revision	Analyte	Accreditation Type	Primary State	Effective Date
EPA 8260	B, C, D	n-Hexane	NELAP	PA	09/04/2018
EPA 8260	B, C, D	n-Propylbenzene	NELAP	PA	01/04/2006
EPA 8260	B, C, D	o-Xylene	NELAP	PA	01/24/2007
EPA 8260	B, C, D	p-Isopropyltoluene (4-Isopropyltoluene)	NELAP	PA	01/24/2007
EPA 8260	B, C, D	sec-Butylbenzene	NELAP	PA	01/19/2005
EPA 8260	B, C, D	tert-Amyl methyl ether (TAME)	NELAP	PA	07/03/2007
EPA 8260	B, C, D	tert-Butyl alcohol (2-Methyl-2-propanol)	NELAP	PA	01/19/2005
EPA 8260	B, C, D	tert-Butylbenzene	NELAP	PA	01/19/2005
EPA 8260	B, C, D	trans-1,2-Dichloroethene	NELAP	PA	01/19/2005
EPA 8260	B, C, D	trans-1,3-Dichloropropene	NELAP	PA	01/19/2005
EPA 8260	B, C, D	trans-1,4-Dichloro-2-butene	NELAP	PA	07/03/2007
EPA 8260	D	2-Chloroethyl vinyl ether	NELAP	PA	05/01/2020
EPA 8260 SIM	B, C	1,4-Dioxane (1,4-Diethyleneoxide)	NELAP	PA	04/17/2009
EPA 8270	C, D	SOCs by GC/MS	NELAP	PA	03/26/2012
EPA 8270	C, D	1,1'-Biphenyl (Biphenyl, Lemonene)	NELAP	PA	12/04/2007
EPA 8270	C, D	1,2,3,4-Tetrachlorobenzene	NELAP	PA	07/03/2007
EPA 8270	C, D	1,2,3,4-Tetrahydronaphthalene	NELAP	PA	12/04/2007
EPA 8270	C, D	1,2,3,5-Tetrachlorobenzene	NELAP	PA	07/03/2007
EPA 8270	C, D	1,2,4,5-Tetrachlorobenzene	NELAP	PA	04/04/2005
EPA 8270	C, D	1,2,4-Trichlorobenzene	NELAP	PA	01/19/2005
EPA 8270	C, D	1,2-Dichlorobenzene (o-Dichlorobenzene)	NELAP	PA	01/19/2005
EPA 8270	C, D	1,2-Dinitrobenzene (1,2-DNB)	NELAP	PA	01/19/2005
EPA 8270	C, D	1,2-Diphenylhydrazine	NELAP	PA	05/02/2006
EPA 8270	C, D	1,3,5-Trinitrobenzene (1,3,5-TNB)	NELAP	PA	01/04/2006
EPA 8270	C, D	1,3-Dichlorobenzene (m-Dichlorobenzene)	NELAP	PA	01/19/2005
EPA 8270	C, D	1,3-Dinitrobenzene (1,3-DNB)	NELAP	PA	01/19/2005
EPA 8270	C, D	1,4-Dichlorobenzene (p-Dichlorobenzene)	NELAP	PA	01/19/2005
EPA 8270	C, D	1,4-Dinitrobenzene (1,4-DNB)	NELAP	PA	05/02/2006
EPA 8270	C, D	1,4-Dioxane (1,4-Diethyleneoxide)	NELAP	PA	12/04/2007
EPA 8270	C, D	1,4-Naphthoquinone	NELAP	PA	01/19/2005
EPA 8270	C, D	1,4-Phenylenediamine	NELAP	PA	01/19/2005
EPA 8270	C, D	1-Chloronaphthalene	NELAP	PA	01/04/2006
EPA 8270	C, D	1-Methylnaphthalene	NELAP	PA	12/04/2007
EPA 8270	C, D	1-Naphthylamine (alpha-Naphthylamine)	NELAP	PA	04/04/2005
EPA 8270	C, D	2,2'-Oxybis(1-chloropropane) (bis(2-Chloro-1-methylethyl) ether)	NELAP	PA	10/30/2014
EPA 8270	C, D	2,2'-oxybis(1-Chloropropane)	NELAP	PA	01/04/2006
EPA 8270	C, D	2,3,4,6-Tetrachlorophenol	NELAP	PA	01/19/2005
EPA 8270	C, D	2,4,5-Trichlorophenol	NELAP	PA	01/19/2005
EPA 8270	C, D	2,4,6-Trichlorophenol	NELAP	PA	01/19/2005
EPA 8270	C, D	2,4-Dichlorophenol	NELAP	PA	01/19/2005
EPA 8270	C, D	2,4-Dimethylphenol	NELAP	PA	01/19/2005

*Dana T. Hausler*

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DEP Laboratory ID: 36-00037  
EPA Lab Code: PA00009  
TNI Code: TNI02128  
PADWIS ID: 36037

**Matrix: Solid and Chemical Materials**

Method	Revision	Analyte	Accreditation Type	Primary State	Effective Date
EPA 8270	C, D	2,4-Dinitrophenol	NELAP	PA	01/19/2005
EPA 8270	C, D	2,4-Dinitrotoluene (2,4-DNT)	NELAP	PA	01/19/2005
EPA 8270	C, D	2,6-Dichlorophenol	NELAP	PA	01/19/2005
EPA 8270	C, D	2,6-Dinitrotoluene (2,6-DNT)	NELAP	PA	01/19/2005
EPA 8270	C, D	2-Acetylaminofluorene	NELAP	PA	01/19/2005
EPA 8270	C, D	2-Chloronaphthalene	NELAP	PA	01/19/2005
EPA 8270	C, D	2-Chlorophenol	NELAP	PA	01/19/2005
EPA 8270	C, D	2-Methyl-4,6-dinitrophenol (4,6-Dinitro-2-methylphenol)	NELAP	PA	01/19/2005
EPA 8270	C, D	2-Methylnaphthalene	NELAP	PA	01/19/2005
EPA 8270	C, D	2-Methylphenol (o-Cresol)	NELAP	PA	01/19/2005
EPA 8270	C, D	2-Naphthylamine (beta-Naphthylamine)	NELAP	PA	05/17/2005
EPA 8270	C, D	2-Nitroaniline	NELAP	PA	04/04/2005
EPA 8270	C, D	2-Nitrophenol	NELAP	PA	01/19/2005
EPA 8270	C, D	2-Picoline (2-Methylpyridine)	NELAP	PA	01/19/2005
EPA 8270	C, D	3+4-Methylphenol (m+p-Cresol)	NELAP	PA	01/19/2005
EPA 8270	C, D	3,3'-Dichlorobenzidine	NELAP	PA	01/19/2005
EPA 8270	C, D	3,3'-Dimethoxybenzidine	NELAP	PA	04/17/2009
EPA 8270	C, D	3,3'-Dimethylbenzidine	NELAP	PA	01/19/2005
EPA 8270	C, D	3-Methylcholanthrene	NELAP	PA	01/19/2005
EPA 8270	C, D	3-Nitroaniline	NELAP	PA	01/19/2005
EPA 8270	C, D	4,4'-Methylenebis(2-chloroaniline)	NELAP	PA	01/19/2005
EPA 8270	C, D	4-Aminobiphenyl	NELAP	PA	01/19/2005
EPA 8270	C, D	4-Bromophenyl phenyl ether	NELAP	PA	01/19/2005
EPA 8270	C, D	4-Chloro-3-methylphenol	NELAP	PA	01/19/2005
EPA 8270	C, D	4-Chloroaniline	NELAP	PA	01/19/2005
EPA 8270	C, D	4-Chlorophenyl phenyl ether	NELAP	PA	01/19/2005
EPA 8270	C, D	4-Nitroaniline	NELAP	PA	04/04/2005
EPA 8270	C, D	4-Nitrophenol	NELAP	PA	01/19/2005
EPA 8270	C, D	4-Nitroquinoline-1-oxide	NELAP	PA	07/03/2007
EPA 8270	C, D	5-Nitro-o-toluidine	NELAP	PA	04/04/2005
EPA 8270	C, D	6-Methylchrysene	NELAP	PA	12/04/2007
EPA 8270	C, D	7,12-Dimethylbenz(a)anthracene	NELAP	PA	01/19/2005
EPA 8270	C, D	Acenaphthene	NELAP	PA	01/19/2005
EPA 8270	C, D	Acenaphthylene	NELAP	PA	01/19/2005
EPA 8270	C, D	Acetophenone	NELAP	PA	01/19/2005
EPA 8270	C, D	Acrylamide	NELAP	PA	01/21/2009
EPA 8270	C, D	Aniline	NELAP	PA	01/19/2005
EPA 8270	C, D	Anthracene	NELAP	PA	01/19/2005
EPA 8270	C, D	Aramite	NELAP	PA	05/17/2005
EPA 8270	C, D	Atrazine	NELAP	PA	01/12/2007
EPA 8270	C, D	Benzaldehyde	NELAP	PA	12/04/2007

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**DEP Laboratory ID: 36-00037**  
**EPA Lab Code: PA00009**  
**TNI Code: TNI02128**  
**PADWIS ID: 36037**

**Matrix: Solid and Chemical Materials**

Method	Revision	Analyte	Accreditation Type	Primary State	Effective Date
EPA 8270	C, D	Benzenethiol	NELAP	PA	12/04/2007
EPA 8270	C, D	Benzidine	NELAP	PA	01/19/2005
EPA 8270	C, D	Benzo[a]anthracene	NELAP	PA	01/19/2005
EPA 8270	C, D	Benzo[a]pyrene	NELAP	PA	01/19/2005
EPA 8270	C, D	Benzo[b]fluoranthene	NELAP	PA	01/19/2005
EPA 8270	C, D	Benzo[ghi]perylene	NELAP	PA	01/19/2005
EPA 8270	C, D	Benzo[k]fluoranthene	NELAP	PA	01/19/2005
EPA 8270	C, D	Benzoic acid	NELAP	PA	01/19/2005
EPA 8270	C, D	Benzyl alcohol	NELAP	PA	01/19/2005
EPA 8270	C, D	Butyl benzyl phthalate (Benzyl butyl phthalate)	NELAP	PA	05/17/2005
EPA 8270	C, D	Caprolactam	NELAP	PA	12/04/2007
EPA 8270	C, D	Carbazole	NELAP	PA	01/19/2005
EPA 8270	C, D	Chlorobenzilate	NELAP	PA	05/02/2006
EPA 8270	C, D	Chrysene (Benzo[a]phenanthrene)	NELAP	PA	01/19/2005
EPA 8270	C, D	Di-n-butyl phthalate	NELAP	PA	01/19/2005
EPA 8270	C, D	Di-n-octyl phthalate	NELAP	PA	01/19/2005
EPA 8270	C, D	Diallate (cis or trans)	NELAP	PA	05/02/2006
EPA 8270	C, D	Dibenz[a,h]acridine	NELAP	PA	12/04/2007
EPA 8270	C, D	Dibenz[a,j]acridine	NELAP	PA	05/17/2005
EPA 8270	C, D	Dibenzo[a,h]anthracene	NELAP	PA	01/19/2005
EPA 8270	C, D	Dibenzofuran	NELAP	PA	01/19/2005
EPA 8270	C, D	Diethyl phthalate	NELAP	PA	01/19/2005
EPA 8270	C, D	Dimethoate	NELAP	PA	05/02/2006
EPA 8270	C, D	Dimethyl phthalate	NELAP	PA	01/19/2005
EPA 8270	C, D	Diphenylamine	NELAP	PA	05/02/2006
EPA 8270	C, D	Disulfoton	NELAP	PA	07/01/2007
EPA 8270	C, D	Ethyl methanesulfonate	NELAP	PA	01/19/2005
EPA 8270	C, D	Famphur	NELAP	PA	05/02/2006
EPA 8270	C, D	Fluoranthene	NELAP	PA	01/19/2005
EPA 8270	C, D	Fluorene	NELAP	PA	01/19/2005
EPA 8270	C, D	Hexachlorobenzene	NELAP	PA	01/19/2005
EPA 8270	C, D	Hexachlorobutadiene (1,3-Hexachlorobutadiene)	NELAP	PA	01/19/2005
EPA 8270	C, D	Hexachlorocyclopentadiene	NELAP	PA	01/19/2005
EPA 8270	C, D	Hexachloroethane	NELAP	PA	01/19/2005
EPA 8270	C, D	Hexachloropropene	NELAP	PA	01/19/2005
EPA 8270	C, D	Indene	NELAP	PA	12/04/2007
EPA 8270	C, D	Indeno(1,2,3-cd)pyrene	NELAP	PA	01/19/2005
EPA 8270	C, D	Isodrin	NELAP	PA	05/02/2006
EPA 8270	C, D	Isophorone	NELAP	PA	01/19/2005
EPA 8270	C, D	Isosafrole	NELAP	PA	01/19/2005
EPA 8270	C, D	Kepone	NELAP	PA	05/02/2006
EPA 8270	C, D	Malononitrile	NELAP	PA	05/23/2013

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PADWIS ID: 36037

**Matrix: Solid and Chemical Materials**

Method	Revision	Analyte	Accreditation Type	Primary State	Effective Date
EPA 8270	C, D	Methapyrilene	NELAP	PA	01/19/2005
EPA 8270	C, D	Methyl methanesulfonate	NELAP	PA	01/19/2005
EPA 8270	C, D	Methyl parathion (Parathion, methyl)	NELAP	PA	05/25/2007
EPA 8270	C, D	N,N-Dimethylacetamide	NELAP	PA	12/04/2007
EPA 8270	C, D	N,N-Dimethylformamide	NELAP	PA	12/04/2007
EPA 8270	C, D	N-Nitrosodi-n-butylamine	NELAP	PA	01/19/2005
EPA 8270	C, D	N-Nitrosodi-n-propylamine	NELAP	PA	01/19/2005
EPA 8270	C, D	N-Nitrosodiethylamine	NELAP	PA	01/19/2005
EPA 8270	C, D	N-Nitrosodimethylamine	NELAP	PA	01/19/2005
EPA 8270	C, D	N-Nitrosodiphenylamine	NELAP	PA	01/19/2005
EPA 8270	C, D	N-Nitrosomethylethylamine	NELAP	PA	01/19/2005
EPA 8270	C, D	N-Nitrosomorpholine	NELAP	PA	01/19/2005
EPA 8270	C, D	N-Nitrosopiperidine	NELAP	PA	01/19/2005
EPA 8270	C, D	N-Nitrosopyrrolidine	NELAP	PA	01/19/2005
EPA 8270	C, D	Naphthalene	NELAP	PA	01/19/2005
EPA 8270	C, D	Nitrobenzene	NELAP	PA	01/04/2006
EPA 8270	C, D	O,O,O-Triethyl phosphorothioate	NELAP	PA	05/02/2006
EPA 8270	C, D	Parathion, ethyl (Ethyl parathion, Parathion)	NELAP	PA	05/25/2007
EPA 8270	C, D	Pentachlorobenzene	NELAP	PA	01/19/2005
EPA 8270	C, D	Pentachloronitrobenzene (PCNB)	NELAP	PA	01/19/2005
EPA 8270	C, D	Pentachlorophenol (PCP)	NELAP	PA	01/19/2005
EPA 8270	C, D	Phenacetin	NELAP	PA	01/19/2005
EPA 8270	C, D	Phenanthrene	NELAP	PA	01/19/2005
EPA 8270	C, D	Phenol	NELAP	PA	01/19/2005
EPA 8270	C, D	Phorate (Thimet)	NELAP	PA	05/02/2006
EPA 8270	C, D	Phthalic anhydride	NELAP	PA	01/21/2009
EPA 8270	C, D	Pronamide (Kerb)	NELAP	PA	01/19/2005
EPA 8270	C, D	Pyrene	NELAP	PA	01/19/2005
EPA 8270	C, D	Pyridine	NELAP	PA	04/04/2005
EPA 8270	C, D	Quinoline	NELAP	PA	12/04/2007
EPA 8270	C, D	Safrole	NELAP	PA	01/19/2005
EPA 8270	C, D	Sulfotepp (Tetraethyl dithiopyrophosphate)	NELAP	PA	12/04/2007
EPA 8270	C, D	Tetraethyl lead	NELAP	PA	03/07/2012
EPA 8270	C, D	Thionazine (Thionazin, Zinophos)	NELAP	PA	05/02/2006
EPA 8270	C, D	a,a-Dimethylphenethylamine (Phentermine)	NELAP	PA	05/02/2006
EPA 8270	C, D	bis(2-Chloroethoxy)methane	NELAP	PA	01/19/2005
EPA 8270	C, D	bis(2-Chloroethyl) ether	NELAP	PA	01/19/2005
EPA 8270	C, D	bis(2-Chloromethyl) ether	NELAP	PA	01/21/2009
EPA 8270	C, D	bis(2-Ethylhexyl) adipate (di(2-Ethylhexyl) adipate)	NELAP	PA	01/21/2009
EPA 8270	C, D	bis(2-Ethylhexyl) phthalate (DEHP)	NELAP	PA	01/19/2005
EPA 8270	C, D	o-Toluidine (2-Toluidine, 2-Methylaniline)	NELAP	PA	01/19/2005
EPA 8270	C, D	p-(Dimethylamino)azobenzene	NELAP	PA	05/02/2006

*Dawn T. Hansell*

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**Eurofins Lancaster Laboratories Environmental LLC**  
2425 New Holland Pike  
Lancaster, PA 17601-5994  
(717) 656-2300

**DEP Laboratory ID: 36-00037**  
**EPA Lab Code: PA00009**  
**TNI Code: TNI02128**  
**PADWIS ID: 36037**

**Matrix: Solid and Chemical Materials**

Method	Revision	Analyte	Accreditation Type	Primary State	Effective Date
EPA 8270	C, D	p-Chloronitrobenzene	NELAP	PA	01/21/2009
EPA 8270	C, D	tris-(2,3-Dibromopropyl) phosphate (tris-BP)	NELAP	PA	12/04/2007
EPA 8270 SIM	C, D	1,4-Dioxane (1,4-Diethyleneoxide)	NELAP	PA	05/14/2018
EPA 8270 SIM	C, D	1-Methylnaphthalene	NELAP	PA	07/25/2011
EPA 8270 SIM	C, D	2-Methylnaphthalene	NELAP	PA	05/23/2012
EPA 8270 SIM	C, D	Acenaphthene	NELAP	PA	12/04/2007
EPA 8270 SIM	C, D	Acenaphthylene	NELAP	PA	12/04/2007
EPA 8270 SIM	C, D	Anthracene	NELAP	PA	12/04/2007
EPA 8270 SIM	C, D	Benzo[a]anthracene	NELAP	PA	12/04/2007
EPA 8270 SIM	C, D	Benzo[a]pyrene	NELAP	PA	12/04/2007
EPA 8270 SIM	C, D	Benzo[b]fluoranthene	NELAP	PA	12/04/2007
EPA 8270 SIM	C, D	Benzo[ghi]perylene	NELAP	PA	12/04/2007
EPA 8270 SIM	C, D	Benzo[k]fluoranthene	NELAP	PA	12/04/2007
EPA 8270 SIM	C, D	Chrysene (Benzo[a]phenanthrene)	NELAP	PA	12/04/2007
EPA 8270 SIM	C, D	Dibenzo[a,h]anthracene	NELAP	PA	12/04/2007
EPA 8270 SIM	C, D	Fluoranthene	NELAP	PA	12/04/2007
EPA 8270 SIM	C, D	Fluorene	NELAP	PA	12/04/2007
EPA 8270 SIM	C, D	Indeno(1,2,3-cd)pyrene	NELAP	PA	12/04/2007
EPA 8270 SIM	C, D	Naphthalene	NELAP	PA	12/04/2007
EPA 8270 SIM	C, D	Phenanthrene	NELAP	PA	12/04/2007
EPA 8270 SIM	C, D	Pyrene	NELAP	PA	12/04/2007
EPA 8290	A	PCDDs and PCDFs by HRGC-HRMS	NELAP	PA	03/04/2015
EPA 8290		PCDDs and PCDFs by HRGC-HRMS	NELAP	PA	03/26/2012
EPA 8290	A	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)	NELAP	PA	06/30/2010
EPA 8290	A	1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)	NELAP	PA	06/30/2010
EPA 8290	A	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (1,2,3,4,6,7,8-hpcdd)	NELAP	PA	06/30/2010
EPA 8290	A	1,2,3,4,6,7,8-Heptachlorodibenzofuran (1,2,3,4,6,7,8-hpcdf)	NELAP	PA	06/30/2010
EPA 8290	A	1,2,3,4,7,8,9-Heptachlorodibenzofuran (1,2,3,4,7,8,9-hpcdf)	NELAP	PA	06/30/2010
EPA 8290	A	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	NELAP	PA	06/30/2010
EPA 8290	A	1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	NELAP	PA	08/06/2010
EPA 8290	A	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	NELAP	PA	06/30/2010
EPA 8290	A	1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	NELAP	PA	06/30/2010
EPA 8290	A	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	NELAP	PA	06/30/2010
EPA 8290	A	1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	NELAP	PA	06/30/2010
EPA 8290	A	1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	NELAP	PA	06/30/2010
EPA 8290	A	1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	NELAP	PA	06/30/2010
EPA 8290	A	2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	NELAP	PA	06/30/2010
EPA 8290	A	2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	NELAP	PA	08/06/2010

*Dana T. Mansell*

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**Eurofins Lancaster Laboratories Environmental LLC**  
2425 New Holland Pike  
Lancaster, PA 17601-5994  
(717) 656-2300

**DEP Laboratory ID: 36-00037**  
**EPA Lab Code: PA00009**  
**TNI Code: TNI02128**  
**PADWIS ID: 36037**

**Matrix: Solid and Chemical Materials**

<u>Method</u>	<u>Revision</u>	<u>Analyte</u>	<u>Accreditation Type</u>	<u>Primary State</u>	<u>Effective Date</u>
EPA 8290	A	2,3,7,8-Tetrachlorodibenzo-p-dioxin (2,3,7,8-TCDD)(Dioxin)	NELAP	PA	06/30/2010
EPA 8290	A	2,3,7,8-Tetrachlorodibenzofuran (TCDF)	NELAP	PA	06/30/2010
EPA 8290	A	Total TCDD	NELAP	PA	06/30/2010
EPA 8290	A	Total TCDF	NELAP	PA	06/30/2010
EPA 8290	A	Total heptachlorodibenzo-p-dioxin (HpCDD)	NELAP	PA	06/30/2010
EPA 8290	A	Total heptachlorodibenzofuran (HpCDF)	NELAP	PA	06/30/2010
EPA 8290	A	Total hexachlorodibenzo-p-dioxin (HxCDD)	NELAP	PA	06/30/2010
EPA 8290	A	Total hexachlorodibenzofuran (HxCDF)	NELAP	PA	06/30/2010
EPA 8290	A	Total pentachlorodibenzo-p-dioxin (PeCDD)	NELAP	PA	06/30/2010
EPA 8290	A	Total pentachlorodibenzofuran (PeCDF)	NELAP	PA	06/30/2010
EPA 8315	A	Carbonyl compounds by HPLC	NELAP	PA	03/26/2012
EPA 8315	A	2,5-Dimethylbenzaldehyde	NELAP	PA	01/21/2009
EPA 8315	A	Acetaldehyde	NELAP	PA	01/21/2009
EPA 8315	A	Benzaldehyde	NELAP	PA	01/21/2009
EPA 8315	A	Butanal (Butyraldehyde)	NELAP	PA	01/21/2009
EPA 8315	A	Crotonaldehyde	NELAP	PA	01/21/2009
EPA 8315	A	Formaldehyde	NELAP	PA	01/19/2005
EPA 8315	A	Hexanal (Hexaldehyde)	NELAP	PA	01/21/2009
EPA 8315	A	Isovaleraldehyde	NELAP	PA	01/21/2009
EPA 8315	A	Pentanal (Valeraldehyde)	NELAP	PA	01/21/2009
EPA 8315	A	Propanal (Propionaldehyde)	NELAP	PA	01/21/2009
EPA 8315	A	m-Tolualdehyde (1,3-Tolualdehyde)	NELAP	PA	01/21/2009
EPA 8315	A	o-Tolualdehyde (1,2-Tolualdehyde)	NELAP	PA	01/21/2009
EPA 8315	A	p-Tolualdehyde (1,4-Tolualdehyde)	NELAP	PA	01/21/2009
EPA 8318	A	3-Hydroxycarbofuran	NELAP	PA	04/04/2005
EPA 8318	A	Aldicarb (Temik)	NELAP	PA	04/04/2005
EPA 8318	A	Aldicarb sulfone	NELAP	PA	04/04/2005
EPA 8318	A	Aldicarb sulfoxide	NELAP	PA	12/12/2005
EPA 8318	A	Carbaryl (Sevin)	NELAP	PA	04/04/2005
EPA 8318	A	Carbofuran (Furaden)	NELAP	PA	04/04/2005
EPA 8318	A	Methiocarb (Mesuroil)	NELAP	PA	04/04/2005
EPA 8318	A	Methomyl (Lannate)	NELAP	PA	04/04/2005
EPA 8318	A	N-Methylcarbamates by HPLC	NELAP	PA	10/15/2012
EPA 8318	A	Oxamyl (Vydate)	NELAP	PA	12/12/2005
EPA 8318	A	Propoxur (Baygon)	NELAP	PA	04/04/2005
EPA 8330	A	Nitroaromatics and nitramines by HPLC/UV	NELAP	PA	03/26/2012
EPA 8330	B	Nitroaromatics and nitramines by HPLC/UV	NELAP	PA	07/29/2015
EPA 8330	A, B	1,3,5-Trinitrobenzene (1,3,5-TNB)	NELAP	PA	01/19/2005
EPA 8330	A, B	1,3-Dinitrobenzene (1,3-DNB)	NELAP	PA	01/19/2005
EPA 8330	A, B	2,4,6-Trinitrotoluene (2,4,6-TNT)	NELAP	PA	01/19/2005
EPA 8330	A, B	2,4-Diamino-6-nitrotoluene	NELAP	PA	07/29/2015

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DEP Laboratory ID: 36-00037  
EPA Lab Code: PA00009  
TNI Code: TNI02128  
PADWIS ID: 36037

**Matrix: Solid and Chemical Materials**

Method	Revision	Analyte	Accreditation Type	Primary State	Effective Date
EPA 8330	A, B	2,4-Dinitrotoluene (2,4-DNT)	NELAP	PA	01/19/2005
EPA 8330	A, B	2,6-Diamino-4-nitrotoluene	NELAP	PA	07/29/2015
EPA 8330	A, B	2,6-Dinitrotoluene (2,6-DNT)	NELAP	PA	01/19/2005
EPA 8330	A, B	2-Amino-4,6-dinitrotoluene (2-Am-DNT)	NELAP	PA	01/19/2005
EPA 8330	A, B	2-Nitrotoluene	NELAP	PA	01/19/2005
EPA 8330	A, B	3,5-Dinitroaniline	NELAP	PA	07/29/2015
EPA 8330	A, B	3-Nitrotoluene	NELAP	PA	01/19/2005
EPA 8330	A, B	4-Amino-2,6-dinitrotoluene (4-Am-DNT)	NELAP	PA	01/19/2005
EPA 8330	A, B	4-Nitrotoluene	NELAP	PA	01/19/2005
EPA 8330	A, B	Methyl-2,4,6-trinitrophenylnitramine (Tetryl)	NELAP	PA	01/19/2005
EPA 8330	A, B	Nitrobenzene	NELAP	PA	01/19/2005
EPA 8330	A, B	Nitroglycerin	NELAP	PA	10/09/2013
EPA 8330	A, B	Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine (HMX)	NELAP	PA	01/24/2006
EPA 8330	A, B	Pentaerythritol tetranitrate (PETN)	NELAP	PA	11/21/2005
EPA 8330	A, B	RDZ (Hexahydro-1,3,5-trinitro-1,3,5-triazine)	NELAP	PA	01/19/2005
EPA 9012	A, B	Total cyanide	NELAP	PA	05/24/2011
EPA 9045	C, D	pH	NELAP	PA	11/19/2008
EPA 9050	A	Conductivity	NELAP	PA	01/27/2014
EPA 9050		Conductivity	NELAP	PA	05/17/2005
EPA 9056	A	Anions by IC	NELAP	PA	07/05/2018
EPA 9056	A	Bromide	NELAP	PA	07/05/2018
EPA 9056	A	Chloride	NELAP	PA	11/27/2019
EPA 9056	A	Fluoride	NELAP	PA	07/05/2018
EPA 9056	A	Nitrate as N	NELAP	PA	11/27/2019
EPA 9056	A	Nitrite as N	NELAP	PA	07/05/2018
EPA 9056	A	Sulfate	NELAP	PA	07/05/2018
EPA 9060	A	Total organic carbon (TOC)	NELAP	PA	01/19/2005
EPA 9066		Total phenolics	NELAP	PA	04/04/2005
EPA 9071	B	Oil and grease	NELAP	PA	01/19/2005
EPA 9071	B	Total petroleum hydrocarbons (TPH)	NELAP	PA	11/19/2015
EPA 9095	A	Paint filter liquids test	NELAP	PA	01/24/2007
EPA 9095	B	Paint filter liquids test	NELAP	PA	11/19/2015
EPA Lloyd Kahn Method		Total organic carbon (TOC)	NELAP	PA	10/09/2013
MA DEP EPH	1.1	C11-C22 Aromatics	NELAP	PA	07/15/2013
MA DEP EPH	1.1	C19-C36 Aliphatics	NELAP	PA	07/15/2013
MA DEP EPH	1.1	C9-C18 Aliphatics	NELAP	PA	07/15/2013
MA DEP VPH	1.1	C5-C8 Aliphatics	NELAP	PA	07/15/2013
MA DEP VPH	1.1	C9-C10 Aromatics	NELAP	PA	07/15/2013
MA DEP VPH	1.1	C9-C12 Aliphatics	NELAP	PA	07/15/2013
MA DEP VPH	2.1	C5-C8 Aliphatics	NELAP	PA	07/16/2018

*Doreen T. Haus*

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DEP Laboratory ID: 36-00037  
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**Matrix: Solid and Chemical Materials**

Method	Revision	Analyte	Accreditation Type	Primary State	Effective Date
MA DEP VPH	2.1	C9-C10 Aromatics	NELAP	PA	07/16/2018
MA DEP VPH	2.1	C9-C12 Aliphatics	NELAP	PA	07/16/2018
NWTPH-Dx		Diesel-range organics (DRO)	NELAP	PA	12/12/2005
NWTPH-Gx		Gasoline-range organics (GRO)	NELAP	PA	12/12/2005
SM 2540 E		Fixed suspended solids	NELAP	PA	01/19/2016
SM 2540 E		Residue, volatile	NELAP	PA	01/19/2016
SM 2540 E		Volatile dissolved solids	NELAP	PA	01/19/2016
SM 2540 E		Volatile suspended solids	NELAP	PA	01/19/2016
SM 2540 G		Percent moisture in soil	NELAP	PA	11/19/2015
SM 2540 G		Residue, total	NELAP	PA	02/25/2014
SM 2540 G		Residue, volatile	NELAP	PA	11/19/2015
SM 2540 G		Total, fixed, and volatile residue	NELAP	PA	03/19/2015
SM 4500-NH3 B		Ammonia distillation	NELAP	PA	08/30/2019
SM 4500-NH3 C		Ammonia as N	NELAP	PA	08/30/2019
SM 5310 B		Total organic carbon (TOC)	NELAP	PA	10/09/2013
TX1005 (TNRCC)		Total petroleum hydrocarbons (TPH)	NELAP	PA	12/12/2005
TX1006 (TNRCC)		Total petroleum hydrocarbons (TPH)	NELAP	PA	12/12/2005
WA-EPH		Diesel-range organics (DRO)	NELAP	PA	12/12/2005
WA-VPH		Gasoline-range organics (GRO)	NELAP	PA	12/12/2005

*Dana T. Harrell*

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