



Request for Proposal for Analytical Testing Services for the City of Coalinga Wastewater and Water Treatment Plants including the Coalinga Canal Title 22 Testing

City of Coalinga
Public Works and Utilities Department
Due Date: September 13, 2019

Submitted by:
BSK Associates Analytical Services Division
Cyndi K. Moore
Director of Analytical Sales
951-295-6123
www.bskassociates.com





September 13, 2019

City of Coalinga
Public Works and Utilities Department
155 W. Durian
Coalinga, CA 93210

Re: Response to Request for Proposal for Analytical Testing Services for the City of Coalinga

Thank you for providing this proposal opportunity. Qualifications and supporting documentation to perform the services requested for analytical laboratory testing are enclosed. BSK provides the highest quality environmental analytical testing at the lowest credible cost. Our excellent reputation in the analytical industry is unmatched. All BSK clients receive:

- **Personalized Technical Assistance**
- **Experienced and Courteous Laboratory Staff**
- **Complimentary Customized Color-Coded Sampling Kits**
- **Specialized State-of-the-Art Sampling Equipment**
- **A Nearby Laboratory Location in Fresno**
- **Extensive testing capabilities recognized by California ELAP, The NELAC Institute (TNI) and the EPA to perform analyses in accordance with 40 CFR 136 and Standard Methods**
- **Proactive Project Management Staff who provide lab analysis reports and invoices in a timely manner**

As directed, our proposal outlines the submission requirements identified in Section III-Items A-H.

We appreciate your consideration and look forward to your careful decision.

Sincerely,
BSK Associates Laboratory Services Division

A handwritten signature in blue ink, appearing to read "Cyndi K. Moore", is written over a light blue circular stamp.

Cyndi K. Moore
Director of Analytical Sales
cmoore@bskasssociates.com
951-295-6123

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A – BSK’s Laboratory Qualifications

Introduction to BSK Associates

BSK Associates (BSK) is an employee-owned, professional services corporation based in California. BSK Associates’ Analytical Laboratory was founded in July 1966 to support the Engineering Division’s needs for testing services related to environmental remediation. Over the years, the laboratory has grown substantially, specializing in the analyses of Drinking Water for CA Title 22 compliance, Wastewater for NPDES and SWQCB permit compliance, and ground and surface non-potable testing related to the Irrigated Lands and CalTox program for discharges to estuaries, bays, and other surface water bodies in the state. We specialize not only on the most current analytical methods associated with these industries, but also new methods required by the Drinking Water and Wastewater industries such as low-level Hexavalent Chromium, 1,2,3 TCP, the EPA’s UCMR program (UCMR I, II, III and IV) and most recently Perfluorinated Compound (PFAS) analyses.

Our primary facility in Fresno specializes in water quality analyses. It is a full-service environmental laboratory that encompasses over 16,000 sq. ft. Current accreditation is maintained for the States of California, Nevada, and Hawaii. Our laboratory in Vancouver, Washington covers the Pacific Northwest with certifications in both Oregon and Washington. Our Southern California Laboratory in San Bernardino is both ELAP and NELAC certified and services the lower portion of the state. In addition, BSK also provides testing for international bottled water clientele.

BSK’s client base consists of over 2500 individual municipalities, utilities, water purveyors, corporations, and private individuals. Of these customers, the majority (>85%), utilize BSK for their Drinking Water and Wastewater testing services. Our clients vary in size from a handful of distribution points to the largest utility for deep-water production wells in the United States. Additionally, BSK provides analytical and technical support to private individuals, wastewater and surface water treatment plants, environmental engineering groups of various disciplines, and many special projects in support of private industry.

With over 52 years of experience in environmental analytical testing, BSK provides much more than routine analytical support. We frequently consult with our clients to deliver valuable information for non-routine work. BSK is proficient with emerging tests such as low-level NDMA, low-level Perchlorate, 1,2,3-TCP and PFAS. BSK has also participated in specialty projects such as tracer studies for plant optimization, special zone sampling for aquifer evaluations, and pump studies for the effects on water quality and treatment systems. Our diversity and experience with water testing and special studies enables us to be a valuable member of your problem-solving team, a valued-added service extended only to our clients.

Information Regarding BSK’s subcontractor laboratory (Aquatic Bioassay Laboratories in Ventura, CA) for Acute Toxicity Testing

The Aquatic Bioassay & Consulting Laboratories, Inc. (Aquatic Bioassay) team of scientists have been conducting toxicity testing and receiving water quality monitoring since 1979 for some of the largest (and smallest) NPDES receiving water monitoring programs on the West Coast. With our main office located in Ventura, California, we are the only Southern California firm that provides the full range of services, responsiveness and experience necessary to successfully complete your testing and monitoring requirements. Their field and laboratory capabilities include sampling and analysis for aquatic and sediment toxicity tests, sediment chemistry, benthic infauna, tissue bioaccumulation, trawled organisms, current meter studies,

ichthyoplankton, water quality profiling using electronic sensor packages, particle size, nutrient analysis, bacteria and video dive surveys.

B – BSK’s Previous Experience Related to the Type of Project

BSK is the City of Coalinga’s current laboratory services provider for UCMR4 testing. Our laboratory has also provided service to the City in years past. Our experience with other local water purveyors is listed below:

California Water Service Company

1720 North First Street

San Jose, CA 95112

Kristy Fournier (Manager of Laboratories)

Phone: 408-367-8314

Ongoing Services for the analysis of multiple types of environmental water samples.

City of Fresno

1910 University Avenue

Fresno, CA 93703

Contact: Bob Little (Supervisor)

Phone: (559) 621-5355

Services for complete support of the drinking water testing program for the City. Currently an ongoing program.

City of Tulare

3981 South K Street

Tulare, CA 93274

Contact: Tim Doyle (Manager)

Phone: 559-684-4286

On-going services in support of their environmental monitoring programs.

C – Outline of the Specific Services to be Performed and the Means by Which the Services will be Completed

As in the past, Ms. True Lee will serve as the primary Project Manager for the City. She will be responsible for all sample scheduling and testing communications. Her attention to detail will help ensure the City stays in regulatory compliance with their sampling requirements. True is responsive and dependable. She also an expert with invoicing and special reporting options the lab currently offers. She has many years of experience in the environmental laboratory industry serving as a Project Manager. Her experience affords a tremendous understanding of all aspects of drinking water and wastewater rules and regulations as well as provides her the ability to address virtually every issue immediately over the phone should they occur. True can be contacted at: (559) 497-2888 ext. 119, Email address: tlee@bskassociates.com, fax: (559) 485-6935.

The secondary contact for the City will be Mr. Stephane Maupas. He has been the Lead Project Manager for BSK's Fresno Laboratory for the past 4 years. Previously he was a project manager at the lab for over 5 years. He has worked closely with many Cities implementing, overseeing and executing their sampling programs. Stephane's contact information is: phone: (559) 497-2888 ext. 212, email address: smaupas@bskassociates.com.

To set ourselves apart from other laboratory service providers, it is BSK's philosophy to extend our vast pool of experience and knowledge to our clients. For the term of this contract, BSK commits to ensuring that all personnel remain unchanged unless extenuating circumstances dictate otherwise. Any changes in key personnel assignments will be provided in advance in writing as required by EID.

Key personnel for this project are listed below (resumes available upon request):

- True Lee – Project Manager
- Stephane Maupas – Lead Project Manager & Backup Project Manager
- Belinda Vega - Laboratory Director
- Dan Bennett - Organics Department Manager
- Joshua Scales – Inorganics Department Manager
- Norman Espinoza – Metals Department Manager
- Michael Ng - Quality Assurance/Quality Control Manager

In addition to the management listed above, BSK has a full complement of cross-trained analysts that are responsible for the routine generation of data. We do not designate specific analysts to clients. The 4 primary section managers who oversee these analysts will be our Inorganics, Metals, Organics, and QC managers. The Laboratory management staff are all degreed chemists. All SOP's are written by management and strictly adhered to. Our average employee work experience exceeds ten years of actual laboratory work and over half of the staff have been with BSK over ten years, illustrating a very dedicated, strong, and experienced work staff.

To ensure we stay ahead of industry trends and forthcoming regulations, BSK maintains many professional affiliations. We are members of the American Water Works Association (AWWA), the California Water Environment Association (CWEA) and the Association of California of Water Agencies (ACWA). Additionally, we are frequent presenters at local water organizations such as the Valley County Water Association (VCWA). Along with these memberships, we frequently attend trade shows and annual water conferences where we have presented on topics ranging from sample collection to report interpretation to disinfection byproducts. By staying in touch with these information sources as well as attending ELAP-NELAP Quality Control seminars,

BSK has stayed on the leading edge of analytical development that has enabled us to be ready for upcoming regulations before they take effect. For example:

- BSK is one of the few labs nationwide to be fully accredited for all test methods related to the EPA's UCMR 1, 2, 3 and 4 programs and is currently 1 of only 3 labs in the nation working directly for the EPA's Small Systems Testing UCMR4 contract.
- BSK developed low-level methodology for the analysis of 1,2,3-TCP and MTBE to enable utilities to have better early warning capabilities for analyte groundwater intrusion.
- BSK is on the forefront of getting approved for all Perfluorinated (PFAS) Compound testing with most of the compounds already approved by ELAP.

To stay current in matters related to quality assurance and data integrity, BSK regularly sends representatives to seminars and training sessions given by The NELAC Institute and other quality assurance consulting companies. These events keep us up to date on forthcoming regulatory compliance matters, QA/QC developments in new or existing methods, state and federal laboratory requirements, and overall good laboratory practices.

Quality Assurance and Control

BSK's Quality Assurance Program is based on the NELAC ISO-based (ISO 17025) quality assurance standard and contains all pertinent sections required to generate high quality, traceable and legally defensible data. BSK's plan is established, having been the standard in the laboratory for approximately 16 years. It is reviewed biannually by California ELAP and NELAP auditors and has been deemed acceptable in all areas. All QA outlined in this RFP are covered in BSK's QA manual. Support QC Data is supplied in accordance with what is outlined in the analytical methods. With proper sample volume, appropriate MS/MSD and sample duplicate QC data points will be performed on the project's parent sample. Should data ranges go beyond the established QC limits, EID will be notified, and the anomaly discussed. All QC exceptions will be thoroughly documented in the Case Narrative section of the final report.

BSK's QA/QC Manager (Michael Ng) is responsible for updates, edits, implementation and overall administration of this program within the laboratory. A copy of BSK's current QA/QC Manual is available upon request.

In addition to the quality assurance program that applies to laboratory testing, BSK observes a very strict Ethics and Data Integrity Program. The program consists of components essential to ensuring that data is produced according to good laboratory practices in compliance with the NELAP Standard 5.4.2.6. On an annual basis, the Laboratory Director and QA/QC Manager conduct an hour-long comprehensive overview of the laboratory's Ethics Program. This annual training is a requirement for all staff and concludes with the signing of BSK's Ethics Agreement. All employees are required to sign and agree to this policy, a copy of which is kept in each employee's personnel folder. Additionally, all bench chemists involved with the generation or review/reporting of data receive additional training on proper data evaluation, documentation, error correction, and resolution of ethical dilemmas.

BSK Associates has invested a great amount of time and effort in developing a Laboratory Information Management System (LIMS) that has allowed for all phases of work to be integrated into a highly automated process. This includes:

- Sample receiving with automatic assignment of specific project tests.
- Sample tracking using bar codes to ensure sample integrity.
- Automatic transfer of peer reviewed data from instrument to reporting databases to reduce transcription errors.
- Daily automatic MCL reporting for immediate client notification for all MCL violations or pre-set trigger values.
- Automatically generated final report and invoice as soon as all sample data has undergone and passed final Quality Control review.
- Generated report and invoice undergo final review by the Project Manager then they are electronically distributed to the designated client recipient.
- California DPH .res files automatically generated and cued to be transferred to the State with the files saved for verification.

These automations result in increased laboratory efficiency in delivering the highest quality data while maintaining fast and consistent turnaround deliveries of reports and invoices, both of which can be set to automatically email the client via .pdf files immediately after review and release by the Project Manager.

As mentioned above, BSK will assign a dedicated Project Manager to the City. This single point of contact works well and helps facilitate concise lines of communication between the lab and the client for bottle orders, status reports, and quick evaluation of current data points to historical trends. Most importantly, an immediate response should there if a Drinking Water MCL exceedance is triggered. BSK's LIMS system runs a daily program to search for MCL exceedances. The PM is notified within no more than twenty-four hours of a result being approved in the system that it exceeds an established MCL. The client is notified the same day. This is as close to real-time data as possible and a service our clients have found invaluable for monitoring treatment systems or wells that need to be blended due to unfavorable water quality. By dedicating a PM as the client's single point of contact, this process functions very efficiently. In the unlikely event that an analysis will be delayed due to equipment failure or activities beyond our control, the PM will immediately notify the City of the situation. The PM will discuss all options with the City so that the best resolution in the interest of the City can be agreed upon. This will take place the same day the issue is brought to the attention of the PM.

BSK's Fresno laboratory is managed by the Laboratory Director who supervises the Department Managers. Department Managers manage the chemists and technicians, and supervisors assist with training and data review. The Department Managers are supported by our Quality Assurance and Safety staff who report to the Corporate VP of Laboratory Services and Corporate Safety Officer respectively, as well as a Technical Director who assists in maintaining instrumentation and Corporate IT who manage our computer and data systems. Weekly metrics such as TAT and holding times are utilized to ensure client satisfaction.

BSK operates under the management principal of providing our managers with all the tools, resources, and training to effectively manage their staff and then apply their analytical and technical expertise to optimize their departments. We encourage our managers to be innovative in problem solving while still operating under the constraints of the required methodology and quality control. We value continuous improvement utilizing root cause analysis, corrective actions and lean thinking.

D – Turnaround Time for Sample Analyses and Laboratory Results

Standard turnaround times for the City of Coalinga will be 10 business days. Laboratory results are available via pdf or hardcopy depending on which format the City prefers. Results may also be accessed on BSK's web-based portal at www.bskassociates.com.

E – Copies of BSK's ELAP, NELAP and UCMR4 Certifications

Copies of BSK's certifications are attached at the end of this document.

F – Time Schedule for Completion of Services and Necessary Tasks Identified in the RFP

Day 1: Samples are collected by City Staff and picked up by the laboratory. Samples are logged in at the laboratory for further processing.

Day 2: Samples are prepped for analysis or shipped to the contract laboratory for further processing.

Days 3-5: Samples are batched, QC is checked, and results are determined.

Days 6-7: Sample results are peer reviewed and rechecks are done if results are suspect.

Days 8-10: Sample reports and invoices are completed. Results are posted on BSK's website or emailed to the client for review.

G – BSK's Fee Proposal

BSK Associates RFP Pricing 2019		Unit Pricing	Annual Total			Unit Pricing	Annual Total
Samples For Water treatment	# OF TIMES SAMPLED IN A YEAR			Samples for Waste Water	# OF TIMES SAMPLED IN A YEAR		
PA	208	\$ 15.00	\$ 3,120.00	BOD	104	\$ 30.00	\$ 3,120.00
HPC	104	\$ 10.00	\$ 1,040.00	NO3-N	12	\$ 10.00	\$ 120.00
QUANTITRAY	24	\$ 20.00	\$ 480.00	TDS	2	\$ 15.00	\$ 30.00
ORTHOPHOSPHATE	28	\$ 15.00	\$ 420.00	EC	14	\$ 10.00	\$ 140.00
ALKALINITY	12	\$ 20.00	\$ 240.00	TKN	14	\$ 35.00	\$ 490.00
TOC	24	\$ 30.00	\$ 720.00	GENERAL MINERAL/INORGANICS	2	\$ 210.00	\$ 420.00
CALCIUM	4	\$ 15.00	\$ 60.00	MBAS	2	\$ 30.00	\$ 60.00
TTHM	8	\$ 50.00	\$ 400.00	AMMONIA,NITROGEN	2	\$ 35.00	\$ 70.00
HAA5	8	\$ 85.00	\$ 680.00	TOTAL PHOSPHOROUS	2	\$ 35.00	\$ 70.00
COALINGA CANAL TITLE 22			\$ -	ALKALINITY	2	\$ 25.00	\$ 50.00
SECONDARY/GENERAL MINERAL	1	\$ 25.00	\$ 25.00	PH	2	\$ 10.00	\$ 20.00
GENERAL MINERAL/INORGANIC	1	\$ 200.00	\$ 200.00	FLUORIDE	2	\$ 20.00	\$ 40.00
PERCHLORATE	1	\$ 40.00	\$ 40.00	TOTAL # OF SAMPLES	160		
NITRATE AS NO3	1	\$ 10.00	\$ 10.00				
NITRATE AS N	1	\$ -	\$ -				
REGULATED VOC	1	\$ 85.00	\$ 85.00				
TOTAL # OF SAMPLES	426			TOTAL # OF ALL SAMPLES	586		
SUBTOTAL			\$ 7,520.00				\$ 4,630.00
GRAND TOTAL	\$ 12,150.00						



SAMPLE DOCUMENT ONLY

BSKASSO-01

CDELOSSANTOS

CERTIFICATE OF LIABILITY INSURANCE

 DATE (MM/DD/YYYY)
 9/9/2019

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER License # 0757778 HUB International Insurance Services Inc. 548 W Cromwell Avenue, Suite 101 Fresno, CA 93711		CONTACT NAME: Carmen De Los Santos PHONE (A/C, No, Ext): FAX (A/C, No): E-MAIL: carmen.delossantos@hubinternational.com ADDRESS:															
INSURED BSK Associates 550 W Locust Ave Fresno, CA 93650		<table border="1"> <thead> <tr> <th>INSURER(S) AFFORDING COVERAGE</th> <th>NAIC #</th> </tr> </thead> <tbody> <tr> <td>INSURER A: Travelers Casualty Insurance Company of America</td> <td>19046</td> </tr> <tr> <td>INSURER B: Travelers Property Casualty Company of America</td> <td>25674</td> </tr> <tr> <td>INSURER C: Illinois Union Insurance Company</td> <td>27960</td> </tr> <tr> <td>INSURER D:</td> <td></td> </tr> <tr> <td>INSURER E:</td> <td></td> </tr> <tr> <td>INSURER F:</td> <td></td> </tr> </tbody> </table>		INSURER(S) AFFORDING COVERAGE	NAIC #	INSURER A: Travelers Casualty Insurance Company of America	19046	INSURER B: Travelers Property Casualty Company of America	25674	INSURER C: Illinois Union Insurance Company	27960	INSURER D:		INSURER E:		INSURER F:	
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INSURER F:																	

COVERAGES

CERTIFICATE NUMBER:

REVISION NUMBER:

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ACORD INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	☒ COMMERCIAL GENERAL LIABILITY ☐ CLAIMS-MADE ☒ OCCUR ☒ EL & Stop Gap-WA ☒ \$1m/\$1mil/\$1m GEN'L AGGREGATE LIMIT APPLIES PER: ☒ POLICY ☒ PROJ. ☐ LOC ☒ OTHER \$0 Deductible			6308K106928	5/1/2019	5/1/2020	EACH OCCURRENCE \$ 1,000,000 DAMAGE TO RENTED PREMISES (If a commercial) \$ 100,000 MED EXP (Any one person) \$ 5,000 PERSONAL & ADV INJURY \$ 1,000,000 GENERAL AGGREGATE \$ 2,000,000 PRODUCTS - COMPOD AGG \$ 2,000,000
A	☒ AUTOMOBILE LIABILITY ☒ ANY AUTO OWNED AUTOS ONLY ☒ HIRED AUTOS ONLY ☐ SCHEDULED AUTOS ☒ NON-OWNED AUTOS ONLY			8109M551054	5/1/2019	5/1/2020	COMBINED SINGLE LIMIT (If a accident) \$ 1,000,000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$ \$
A	☒ UMBRELLA LIAB ☒ OCCUR ☐ EXCESS LIAB ☐ CLAIMS-MADE DED ☒ RETENTION \$ 10,000			EX8K35014A	5/1/2019	5/1/2020	EACH OCCURRENCE \$ 5,000,000 AGGREGATE \$ 5,000,000 \$
B	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/OWNER(S) EXCLUDED? (Mandatory in WA) If yes, describe under DESCRIPTION OF OPERATIONS below	Y/N	N/A	UB8K027833	5/1/2019	5/1/2020	☒ PER STATUTE ☐ OTH-ER E.L. EACH ACCIDENT \$ 1,000,000 E.L. DISEASE - EA EMPLOYER \$ 1,000,000 E.L. DISEASE - POLICY LIMIT \$ 1,000,000
A	Hired Auto Phys Damg			8109M551054	5/1/2019	5/1/2020	\$1,000 ded/Limit 50,000
C	Pollution Liability			CPY G28179728 003	10/28/2018	5/1/2020	\$25,000 Ded/Limit 2,000,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)

CERTIFICATE HOLDER

CANCELLATION

City of Coalinga Public Works and Utilities Department 155 W. Durian Coalinga, CA 93210	SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS. AUTHORIZED REPRESENTATIVE
--	---



STATE WATER RESOURCES CONTROL BOARD
REGIONAL WATER QUALITY CONTROL BOARDS

CALIFORNIA STATE



ENVIRONMENTAL LABORATORY ACCREDITATION PROGRAM

CERTIFICATE OF ENVIRONMENTAL ACCREDITATION

Is hereby granted to

BSK Associates

Laboratory Services

1414 Stanislaus Street

Fresno, CA 93706-1623

Scope of the certificate is limited to the
"Fields of Testing"
which accompany this Certificate.

Continued accredited status depends on successful completion of on-site inspection,
proficiency testing studies, and payment of applicable fees.

This Certificate is granted in accordance with provisions of
Section 100825, et seq. of the Health and Safety Code.

Certificate No.: **1180**

Expiration Date: **4/30/2020**

Effective Date: **5/1/2018**

A handwritten signature in black ink, appearing to read "Christine Sotelo".

Sacramento, California
subject to forfeiture or revocation

Christine Sotelo, Chief
Environmental Laboratory Accreditation Program



CALIFORNIA STATE
ENVIRONMENTAL LABORATORY ACCREDITATION PROGRAM
Accredited Fields of Testing



BSK Associates

Laboratory Services - Fresno Branch
1414 Stanislaus Street
Fresno, CA 93706-1623
Phone: (559) 497-2888

Certificate No. 1180
Expiration Date 4/30/2020

Field of Testing: 101 - Microbiology of Drinking Water

101.010	001	Heterotrophic Bacteria	SM 9215 B
101.020	004	Total Coliform (Enumeration)	SM 9221 B,C
101.020	005	Fecal Coliform (Enumeration)	SM 9221 B,E
101.020	006	E. coli (Enumeration)	SM 9221 B,F
101.050	005	Total Coliform P/A	SM 9223 B (Colilert 18)
101.050	006	E. coli P/A	SM 9223 B (Colilert 18)
101.050	007	Total Coliform (Enumeration)	SM 9223 B (Colilert 18)
101.050	008	E. coli (Enumeration)	SM 9223 B (Colilert 18)

Field of Testing: 102 - Inorganic Chemistry of Drinking Water

102.026	001	Calcium	EPA 200.7	
102.026	002	Magnesium	EPA 200.7	
102.026	003	Potassium	EPA 200.7	
102.026	004	Silica	EPA 200.7	
102.026	005	Sodium	EPA 200.7	
102.030	001	Bromide	EPA 300.0	
102.030	003	Chloride	EPA 300.0	
102.030	005	Fluoride	EPA 300.0	
102.030	006	Nitrate (as N)	EPA 300.0	
102.030	007	Nitrite (as N)	EPA 300.0	
102.030	008	Phosphate, Ortho (as P)	EPA 300.0	
102.030	009	Sulfate (as SO ₄)	EPA 300.0	
102.040	001	Bromide	EPA 300.1	
102.040	002	Chlorite	EPA 300.1	
102.040	003	Chlorate	EPA 300.1	
102.044	001	Bromate	EPA 317.0	
102.045	001	Perchlorate	EPA 314.0	
102.047	001	Perchlorate	EPA 331.0	Interim
102.095	001	Turbidity	SM 2130 B-2001	
102.100	001	Alkalinity	SM 2320 B-1997	
102.120	001	Hardness (Calculation)	SM 2340 B-1997	
102.130	001	Specific Conductance	SM 2510 B-1997	
102.140	001	Residue, Filterable TDS	SM 2540 C-1997	
102.174	001	Chlorine, Free	SM 4500-Cl F-2000	

102.174	002	Chlorine, Total Residual	SM 4500-Cl F-2000
102.175	001	Chlorine, Free	SM 4500-Cl G-2000
102.175	002	Chlorine, Total Residual	SM 4500-Cl G-2000
102.190	001	Cyanide, Total	SM 4500-CN E
102.203	001	Hydrogen Ion (pH)	SM 4500-H+ B-2000
102.240	001	Phosphate, Ortho (as P)	SM 4500-P E-1999
102.262	001	Total Organic Carbon TOC	SM 5310C-2000
102.263	001	Dissolved Organic Carbon (DOC)	SM 5310C-2000
102.270	001	Surfactants	SM 5540 C-2000
102.280	001	UV254	SM 5910 B-2011

Field of Testing: 103 - Toxic Chemical Elements of Drinking Water

103.130	001	Aluminum	EPA 200.7
103.130	003	Barium	EPA 200.7
103.130	008	Copper	EPA 200.7
103.130	009	Iron	EPA 200.7
103.130	011	Manganese	EPA 200.7
103.130	015	Silver	EPA 200.7
103.130	017	Zinc	EPA 200.7
103.130	018	Boron	EPA 200.7
103.140	002	Antimony	EPA 200.8
103.140	003	Arsenic	EPA 200.8
103.140	004	Barium	EPA 200.8
103.140	005	Beryllium	EPA 200.8
103.140	006	Cadmium	EPA 200.8
103.140	007	Chromium	EPA 200.8
103.140	008	Copper	EPA 200.8
103.140	009	Lead	EPA 200.8
103.140	011	Mercury	EPA 200.8
103.140	012	Nickel	EPA 200.8
103.140	013	Selenium	EPA 200.8
103.140	014	Silver	EPA 200.8
103.140	015	Thallium	EPA 200.8
103.140	016	Zinc	EPA 200.8
103.140	018	Vanadium	EPA 200.8
103.310	001	Chromium (VI)	EPA 218.6
103.311	001	Chromium (VI)	EPA 218.7

Field of Testing: 104 - Volatile Organic Chemistry of Drinking Water

104.030	001	1,2-Dibromoethane (EDB, Ethylene Dibromide)	EPA 504.1
104.030	002	1,2-Dibromo-3-chloropropane (DBCP)	EPA 504.1
104.035	001	1,2,3-Trichloropropane (TCP)	SRL 524M-TCP
104.040	000	Volatile Organic Compounds	EPA 524.2
104.040	001	Benzene	EPA 524.2

104.040	007	n-Butylbenzene	EPA 524.2
104.040	008	sec-Butylbenzene	EPA 524.2
104.040	009	tert-Butylbenzene	EPA 524.2
104.040	010	Carbon Tetrachloride	EPA 524.2
104.040	011	Chlorobenzene	EPA 524.2
104.040	015	2-Chlorotoluene	EPA 524.2
104.040	016	4-Chlorotoluene	EPA 524.2
104.040	019	1,3-Dichlorobenzene	EPA 524.2
104.040	020	1,2-Dichlorobenzene	EPA 524.2
104.040	021	1,4-Dichlorobenzene	EPA 524.2
104.040	022	Dichlorodifluoromethane	EPA 524.2
104.040	023	1,1-Dichloroethane	EPA 524.2
104.040	024	1,2-Dichloroethane	EPA 524.2
104.040	025	1,1-Dichloroethene (1,1-Dichloroethylene)	EPA 524.2
104.040	026	cis-1,2-Dichloroethene	EPA 524.2
104.040	027	trans-1,2-Dichloroethene	EPA 524.2
104.040	028	Dichloromethane (Methylene Chloride)	EPA 524.2
104.040	029	1,2-Dichloropropane	EPA 524.2
104.040	033	cis-1,3-Dichloropropene	EPA 524.2
104.040	034	trans-1,3-Dichloropropene	EPA 524.2
104.040	035	Ethylbenzene	EPA 524.2
104.040	037	Isopropylbenzene	EPA 524.2
104.040	039	Naphthalene	EPA 524.2
104.040	041	N-propylbenzene	EPA 524.2
104.040	042	Styrene	EPA 524.2
104.040	043	1,1,1,2-Tetrachloroethane	EPA 524.2
104.040	044	1,1,2,2-Tetrachloroethane	EPA 524.2
104.040	045	Tetrachloroethylene (Tetrachloroethene)	EPA 524.2
104.040	046	Toluene	EPA 524.2
104.040	047	1,2,3-Trichlorobenzene	EPA 524.2
104.040	048	1,2,4-Trichlorobenzene	EPA 524.2
104.040	049	1,1,1-Trichloroethane	EPA 524.2
104.040	050	1,1,2-Trichloroethane	EPA 524.2
104.040	051	Trichloroethene	EPA 524.2
104.040	052	Trichlorofluoromethane	EPA 524.2
104.040	054	1,2,4-Trimethylbenzene	EPA 524.2
104.040	055	1,3,5-Trimethylbenzene	EPA 524.2
104.040	056	Vinyl Chloride	EPA 524.2
104.040	057	Xylenes, Total	EPA 524.2
104.040	061	Carbon Disulfide	EPA 524.2
104.045	000	Trihalomethanes, Total	EPA 524.2
104.045	001	Bromodichloromethane	EPA 524.2

104.045	002	Bromoform	EPA 524.2
104.045	003	Chloroform	EPA 524.2
104.045	004	Dibromochloromethane	EPA 524.2
104.050	000	Gasoline Additives	EPA 524.2
104.050	002	Methyl tert-butyl Ether (MTBE)	EPA 524.2
104.050	003	tert-Amyl Methyl Ether (TAME)	EPA 524.2
104.050	004	Ethyl tert-butyl Ether (ETBE)	EPA 524.2
104.050	005	Trichlorotrifluoroethane	EPA 524.2
104.050	006	tert-Butyl Alcohol (TBA)	EPA 524.2

Field of Testing: 105 - Semi-volatile Organic Chemistry of Drinking Water

105.010	000	Pesticides	EPA 505
105.010	002	Alachlor	EPA 505
105.010	003	Atrazine	EPA 505
105.010	004	Chlordane	EPA 505
105.010	006	Endrin	EPA 505
105.010	007	Heptachlor	EPA 505
105.010	008	Heptachlor Epoxide	EPA 505
105.010	009	Hexachlorobenzene	EPA 505
105.010	010	Hexachlorocyclopentadiene	EPA 505
105.010	011	Lindane (HCH-gamma)	EPA 505
105.010	012	Methoxychlor	EPA 505
105.010	013	Simazine	EPA 505
105.010	015	PCBs as Aroclors (screen)	EPA 505
105.083	000	Chlorinated Acids	EPA 515.4
105.083	001	2,4-D	EPA 515.4
105.083	002	Dinoseb	EPA 515.4
105.083	003	Pentachlorophenol	EPA 515.4
105.083	004	Picloram	EPA 515.4
105.083	005	2,4,5-TP (Silvex)	EPA 515.4
105.083	006	Dalapon	EPA 515.4
105.083	007	Bentazon	EPA 515.4
105.083	008	Dicamba	EPA 515.4
105.091	000	Semi-volatile Organic Compounds	EPA 525.3
105.091	001	Alachlor	EPA 525.3
105.091	003	Atrazine	EPA 525.3
105.091	004	Benzo(a)pyrene	EPA 525.3
105.091	005	Butachlor	EPA 525.3
105.091	007	Diazinon	EPA 525.3
105.091	008	Di(2-ethylhexyl) Adipate	EPA 525.3
105.091	009	Di(2-ethylhexyl) Phthalate	EPA 525.3
105.091	017	Metolachlor	EPA 525.3
105.091	018	Metribuzin	EPA 525.3

105.091	019	Molinate	EPA 525.3	
105.091	021	Propachlor	EPA 525.3	
105.091	022	Simazine	EPA 525.3	
105.091	023	Thiobencarb	EPA 525.3	
105.100	000	Carbamates	EPA 531.1	
105.100	001	Aldicarb	EPA 531.1	
105.100	002	Aldicarb Sulfone	EPA 531.1	
105.100	003	Aldicarb Sulfoxide	EPA 531.1	
105.100	004	Carbaryl	EPA 531.1	
105.100	005	Carbofuran	EPA 531.1	
105.100	006	3-Hydroxycarbofuran	EPA 531.1	
105.100	007	Methomyl	EPA 531.1	
105.100	008	Oxamyl	EPA 531.1	
105.105	003	Perfluorobutanesulfonic Acid (PFBS)	EPA 537 Rev 1.1	Interim
105.105	006	Perfluoroheptanoic Acid (PFHpA)	EPA 537 Rev 1.1	Interim
105.105	007	Perfluorohexanesulfonic Acid (PFHxS)	EPA 537 Rev 1.1	Interim
105.105	009	Perfluorononanoic Acid (PFNA)	EPA 537 Rev 1.1	Interim
105.105	010	Perfluorooctanoic Acid (PFOA)	EPA 537 Rev 1.1	Interim
105.105	011	Perfluorooctylsulfonic Acid (PFOS)	EPA 537 Rev 1.1	Interim
105.120	001	Glyphosate	EPA 547	
105.140	001	Endothall	EPA 548.1	
105.150	001	Diquat	EPA 549.2	
105.201	001	Haloacetic Acids (HAA5)	EPA 552.3	

Field of Testing: 106 - Radiochemistry of Drinking Water

106.092	001	Uranium	EPA 200.8	
106.270	001	Gross Alpha by Coprecipitation	SM 7110 C	

Field of Testing: 107 - Microbiology of Wastewater

107.020	002	Total Coliform (Enumeration)	SM 9221 B-2006	
107.030	002	Total Coliform with Chlorine Present	SM 9221 B,C-2006	
107.040	002	Fecal Coliform (Enumeration)	SM 9221 C,E-2006	
107.050	002	Fecal Coliform with Chlorine Present	SM 9221 C,E-2006	
107.100	002	Fecal Streptococci	SM 9230 B-2007	
107.245	001	E. coli (Enumeration)	SM 9223 B (Colilert 18)	
107.247	001	E. coli (Enumeration)	SM 9221 B,F-2006	

Field of Testing: 108 - Inorganic Chemistry of Wastewater

108.112	001	Boron	EPA 200.7	
108.112	002	Calcium	EPA 200.7	
108.112	004	Magnesium	EPA 200.7	
108.112	005	Potassium	EPA 200.7	
108.112	006	Silica, Dissolved	EPA 200.7	
108.112	007	Sodium	EPA 200.7	
108.113	001	Boron	EPA 200.8	

108.120	001	Bromide	EPA 300.0
108.120	002	Chloride	EPA 300.0
108.120	003	Fluoride	EPA 300.0
108.120	008	Sulfate (as SO ₄)	EPA 300.0
108.120	012	Nitrate (as N)	EPA 300.0
108.120	013	Nitrate-Nitrite (as N)	EPA 300.0
108.120	014	Nitrite (as N)	EPA 300.0
108.120	015	Phosphate, Ortho (as P)	EPA 300.0
108.121	001	Bromide	EPA 300.1
108.209	001	Ammonia (as N)	EPA 350.1
108.211	002	Kjeldahl Nitrogen, Total (as N)	EPA 351.2
108.266	001	Phosphorus, Total	EPA 365.4
108.381	002	Oil & Grease Total	EPA 1664 B
108.385	001	Color	SM 2120 B-2001
108.390	001	Turbidity	SM 2130 B-2001
108.410	001	Alkalinity	SM 2320 B-1997
108.420	001	Hardness (Calculation)	SM 2340 B-1997
108.430	001	Specific Conductance	SM 2510 B-1997
108.439	001	Residue, Volatile	SM 2540 E-1997
108.440	001	Residue, Total	SM 2540 B-1997
108.441	001	Residue, Filterable TDS	SM 2540 C-1997
108.442	001	Residue, Non-filterable TSS	SM 2540 D-1997
108.443	001	Residue, Settleable	SM 2540 F-1997
108.460	001	Chlorine, Total Residual	SM 4500-Cl B-2000
108.464	001	Chlorine, Total Residual	SM 4500-Cl F-2000
108.465	001	Chlorine, Total Residual	SM 4500-Cl G-2000
108.470	001	Cyanide, Total	SM 4500-CN B or C-1999
108.472	001	Cyanide, Total	SM 4500-CN E-1999
108.480	001	Fluoride	SM 4500-F B,C-1997
108.490	001	Hydrogen Ion (pH)	SM 4500-H+ B-2000
108.529	001	Nitrate-Nitrite (as N)	SM 4500-NO ₃ F-2000
108.532	001	Oxygen, Dissolved	SM 4500-O C-2001
108.540	001	Phosphate, Ortho (as P)	SM 4500-P E-1999
108.592	001	Biochemical Oxygen Demand	SM 5210B-2001
108.592	002	Carbonaceous BOD	SM 5210B-2001
108.595	001	Chemical Oxygen Demand	SM 5220D-1997
108.597	001	Organic Carbon-Total (TOC)	SM 5310C-2000
108.605	001	Surfactants	SM 5540 C-2000

Field of Testing: 109 - Toxic Chemical Elements of Wastewater

109.010	001	Aluminum	EPA 200.7
109.010	006	Boron	EPA 200.7
109.010	007	Cadmium	EPA 200.7

109.010	009	Chromium	EPA 200.7
109.010	011	Copper	EPA 200.7
109.010	012	Iron	EPA 200.7
109.010	013	Lead	EPA 200.7
109.010	015	Manganese	EPA 200.7
109.010	017	Nickel	EPA 200.7
109.010	021	Silver	EPA 200.7
109.010	024	Tin	EPA 200.7
109.010	025	Titanium	EPA 200.7
109.010	027	Zinc	EPA 200.7
109.020	001	Aluminum	EPA 200.8
109.020	002	Antimony	EPA 200.8
109.020	003	Arsenic	EPA 200.8
109.020	004	Barium	EPA 200.8
109.020	005	Beryllium	EPA 200.8
109.020	006	Cadmium	EPA 200.8
109.020	007	Chromium	EPA 200.8
109.020	008	Cobalt	EPA 200.8
109.020	009	Copper	EPA 200.8
109.020	010	Lead	EPA 200.8
109.020	011	Manganese	EPA 200.8
109.020	012	Molybdenum	EPA 200.8
109.020	013	Nickel	EPA 200.8
109.020	014	Selenium	EPA 200.8
109.020	015	Silver	EPA 200.8
109.020	016	Thallium	EPA 200.8
109.020	017	Vanadium	EPA 200.8
109.020	018	Zinc	EPA 200.8
109.020	021	Iron	EPA 200.8
109.020	022	Tin	EPA 200.8
109.104	001	Chromium (VI)	EPA 218.6
109.192	001	Mercury	EPA 245.7

Field of Testing: 110 - Volatile Organic Chemistry of Wastewater

110.040	000	Purgeable Organic Compounds	EPA 624
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Field of Testing: 111 - Semi-volatile Organic Chemistry of Wastewater

111.100	000	Base/Neutral & Acid Organics	EPA 625
111.103	000	Nitrosamines	EPA 625
111.170	000	Organochlorine Pesticides and PCBs	EPA 608

Field of Testing: 114 - Inorganic Chemistry of Hazardous Waste

114.010	003	Barium	EPA 6010 B
114.010	005	Cadmium	EPA 6010 B
114.010	006	Chromium	EPA 6010 B

114.010	007	Cobalt	EPA 6010 B
114.010	008	Copper	EPA 6010 B
114.010	009	Lead	EPA 6010 B
114.010	010	Molybdenum	EPA 6010 B
114.010	011	Nickel	EPA 6010 B
114.010	013	Silver	EPA 6010 B
114.010	015	Vanadium	EPA 6010 B
114.010	016	Zinc	EPA 6010 B
114.020	001	Antimony	EPA 6020
114.020	002	Arsenic	EPA 6020
114.020	003	Barium	EPA 6020
114.020	004	Beryllium	EPA 6020
114.020	005	Cadmium	EPA 6020
114.020	006	Chromium	EPA 6020
114.020	007	Cobalt	EPA 6020
114.020	008	Copper	EPA 6020
114.020	009	Lead	EPA 6020
114.020	010	Molybdenum	EPA 6020
114.020	011	Nickel	EPA 6020
114.020	012	Selenium	EPA 6020
114.020	013	Silver	EPA 6020
114.020	014	Thallium	EPA 6020
114.020	015	Vanadium	EPA 6020
114.020	016	Zinc	EPA 6020
114.025	001	Mercury	EPA 6020 A
114.106	001	Chromium (VI)	EPA 7199
114.221	001	Cyanide, Total	EPA 9012 A
114.240	001	Corrosivity - pH Determination	EPA 9040 B
114.241	001	Corrosivity - pH Determination	EPA 9045 C

Field of Testing: 115 - Extraction Test of Hazardous Waste

115.020	001	Toxicity Characteristic Leaching Procedure (TCLP)	EPA 1311 (TCLP)
115.021	001	TCLP Inorganics	EPA 1311 (TCLP)
115.030	001	Waste Extraction Test (WET)	CCR Chapter 11, Article 5, Appendix II

Field of Testing: 116 - Volatile Organic Chemistry of Hazardous Waste

116.080	000	Volatile Organic Compounds	EPA 8260 B
116.080	120	Oxygenates	EPA 8260 B
116.100	001	Total Petroleum Hydrocarbons - Gasoline (GRO)	LUFT GC/MS

Field of Testing: 117 - Semi-volatile Organic Chemistry of Hazardous Waste

117.010	001	Diesel-range Total Petroleum Hydrocarbons	EPA 8015 B
117.110	000	Extractable Organics	EPA 8270 C
117.111	071	Pesticides	EPA 8270 C
117.210	000	Organochlorine Pesticides	EPA 8081 A

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117.220	000	PCBs	EPA 8082	
117.280	000	Carbamates	EPA 8321 A	Aqueous Only



OREGON

Environmental Laboratory Accreditation Program



NELAP Recognized

BSK Associates

4021

1414 Stanislaus Street
Fresno, CA 93706

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	Chemistry Microbiology	Chemistry	

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.

Alia D. Servin, Ph.D.
Oregon State Public Health Laboratory
ORELAP Program Manager
7202 NE Evergreen Parkway, Suite 100
Hillsboro, OR 97124

EFFECTIVE DATE : 01/30/2019

EXPIRATION DATE : 01/29/2020

Certificate No : 4021 - 011





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Environmental Laboratory Accreditation Program

ORELAP Fields of Accreditation

ORELAP ID: 4021

EPA CODE: CA00079

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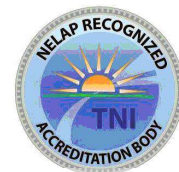
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Issue Date: 1/30/2019 Expiration Date: 1/29/2020

As of 1/30/2019 this list supersedes all previous lists for this certificate number.



MATRIX	Reference	Code	Analyte	Code	Description
Drinking Water	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
		1000	Aluminum		
		1015	Barium		
		1025	Boron		
		1035	Calcium		
		1055	Copper		
		1070	Iron		
		1085	Magnesium		
		1090	Manganese		
		1125	Potassium		
		1990	Silica as SiO ₂		
		1150	Silver		
		1155	Sodium		
		1190	Zinc		
	EPA 200.8 5.4			10014605	Metals by ICP-MS
		1005	Antimony		
		1010	Arsenic		
		1015	Barium		
		1020	Beryllium		
		1030	Cadmium		
		1040	Chromium		
		1055	Copper		
		1075	Lead		
		1095	Mercury		
		1105	Nickel		
		1140	Selenium		
		1150	Silver		
		1165	Thallium		
		3035	Uranium		
		1190	Zinc		
	EPA 218.6 3.3			10028009	Dissolved Hexavalent Chromium by Ion Chromatography
		1045	Chromium VI		



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ORELAP ID: 4021

EPA CODE: CA00079

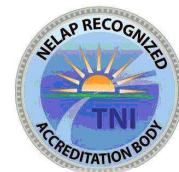
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Drinking Water

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 300.0 2.1	10053200	Methods for the Determination of Inorganic Substances in Environmental Samples
1540	Bromide	
1575	Chloride	
1730	Fluoride	
1810	Nitrate as N	
1823	Nitrate plus Nitrite as N	
1820	Nitrate-nitrite	
1840	Nitrite as N	
1870	Orthophosphate as P	
2000	Sulfate	
EPA 300.1	10053608	Ion chromatography - anions.
1540	Bromide	
1570	Chlorate	
1595	Chlorite	
EPA 314.0 EPA 314.0	10277006	Perchlorate in Drinking Water by Ion Chromatography
1895	Perchlorate	
EPA 317.0 EPA 317.0	10237602	Inorganic Oxyhalide Disinfection Byproducts in Drinking Water
1535	Bromate	
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)	
EPA 505 2.1	10083406	Organohalide pesticides/PCBs (Drinking Water)
7005	Alachlor	
7025	Aldrin	
8880	Aroclor-1016 (PCB-1016)	
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)	
7065	Atrazine	
7250	Chlordane (tech.)	



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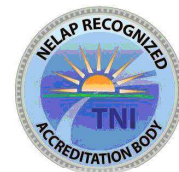
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Drinking Water

EPA 505.2.1

7470 Dieldrin
7540 Endrin
7120 gamma-BHC (Lindane, gamma-Hexachlorocyclohexane)
7685 Heptachlor
7690 Heptachlor epoxide
6275 Hexachlorobenzene
6285 Hexachlorocyclopentadiene
7810 Methoxychlor
8870 PCBs
8125 Simazine
8250 Toxaphene (Chlorinated camphene)

EPA 515.4.1

10088503

Chlorinated acids Liquid/Solid and GC/ECD

8655 2,4,5-T
8545 2,4-D
8560 2,4-DB
8600 3,5-Dichlorobenzoic acid
8505 Acifluorfen
8530 Bentazon
8540 Chloramben
8550 Dacthal (DCPA)
7347 Dacthal Acid Metabolites
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 524.2.4.1

10088809

Volatile Organic Compounds GC/MS Capillary Column

5105 1,1,1,2-Tetrachloroethane
5160 1,1,1-Trichloroethane
5110 1,1,2,2-Tetrachloroethane
5195 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)
5165 1,1,2-Trichloroethane
4630 1,1-Dichloroethane
4640 1,1-Dichloroethylene
4670 1,1-Dichloropropene
5150 1,2,3-Trichlorobenzene
5180 1,2,3-Trichloropropane
5155 1,2,4-Trichlorobenzene



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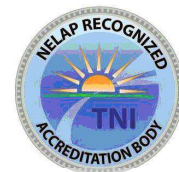
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Drinking Water

EPA 524.2 4.1

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
4665	2,2-Dichloropropane
4410	2-Butanone (Methyl ethyl ketone, MEK)
4535	2-Chlorotoluene
4860	2-Hexanone (MBK)
4540	4-Chlorotoluene
4910	4-Isopropyltoluene (p-Cymene)
4995	4-Methyl-2-pentanone (MIBK)
4315	Acetone
4375	Benzene
4385	Bromobenzene
4390	Bromochloromethane
4395	Bromodichloromethane
4400	Bromoform
4455	Carbon tetrachloride
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)
9375	Di-isopropylether (DIPE)
4765	Ethylbenzene
4770	Ethyl-t-butylether (ETBE) (2-Ethoxy-2-methylpropane)
4835	Hexachlorobutadiene
4900	Isopropylbenzene (Cumene)
5240	m+p-xylene
4950	Methyl bromide (Bromomethane)
4960	Methyl chloride (Chloromethane)
5000	Methyl tert-butyl ether (MTBE)
4975	Methylene chloride (Dichloromethane)
5005	Naphthalene
4435	n-Butylbenzene
5090	n-Propylbenzene



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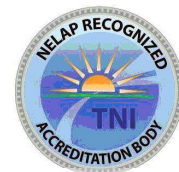
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Drinking Water

EPA 524.2 4.1

- 5250 o-Xylene
- 4440 sec-Butylbenzene
- 5100 Styrene
- 4370 T-amylmethylether (TAME)
- 4420 tert-Butyl alcohol
- 4445 tert-Butylbenzene
- 5115 Tetrachloroethylene (Perchloroethylene)
- 5140 Toluene
- 5205 Total trihalomethanes
- 4700 trans-1,2-Dichloroethylene
- 4685 trans-1,3-Dichloropropylene
- 5170 Trichloroethene (Trichloroethylene)
- 5175 Trichlorofluoromethane (Fluorotrichloromethane, Freon 11)
- 5235 Vinyl chloride
- 5260 Xylene (total)

EPA 525.3 1

10287500

Determination of Semivolatile Organic Chemicals in Drinking Water by Solid Phase Extraction and Capillary Gas Chromatography/Mass Spectrometry (GC/MS)

- 5500 Acenaphthene
- 5505 Acenaphthylene
- 7005 Alachlor
- 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
- 7300 Chlorpyrifos
- 5855 Chrysene
- 6065 Di(2-ethylhexyl) phthalate (bis(2-Ethylhexyl)phthalate, DEHP)
- 7410 Diazinon
- 5895 Dibenz(a,h) anthracene
- 6070 Diethyl phthalate
- 6135 Dimethyl phthalate
- 5925 Di-n-butyl phthalate
- 6200 Di-n-octyl phthalate



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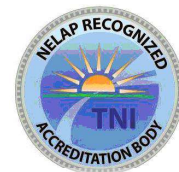
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Drinking Water

EPA 525.3 1

6265 Fluoranthene
6270 Fluorene
6315 Indeno(1,2,3-cd) pyrene
7835 Metolachlor
7845 Metribuzin
7875 Molinate
5005 Naphthalene
6615 Phenanthrene
8040 Prometryn
8045 Propachlor (Ramrod)
6665 Pyrene
8125 Simazine
8220 Thiobencarb
8295 Trifluralin (Treflan)

EPA 531.1 3.1

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

10091006

Carbamates HPLC with post column derivatization

EPA 537 1.1

4846 N-Ethylperfluorooctane sulfonamido acetic acid NetFOSAA)
4847 N-Methylperfluorooctane sulfonamido acetic acid
6911 Perfluorobutane Sulfonate (PFBS)
6905 Perfluorodecanoic acid (PFDA)
6903 Perfluorododecanoic (PFDDA)
6908 Perfluoroheptanoic acid (PFHpA)
6910 Perfluorohexane Sulfonate (PFHS)
6913 Perfluorohexanoic acid (PFHXA)
6906 Perfluorononanoic acid (PFNA)
6912 Perfluorooctanoic acid
6909 Perfluorooctanoic Sulfonate (PFOS)
6902 Perfluorotetradecanoic acid (PFTDA)
9563 Perfluorotridecanoic (PFTRIA)
6904 Perfluoroundecanoic acid (PFUDA)

10091675

Perfluorinated Alkyl Acids in Drinking Water by SPE and LC/MS/MS



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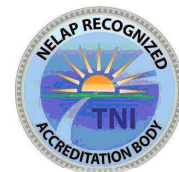
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EPA 547		10092009	Glyphosate by Direct Aqueous Injection by Post-column Derivatization and HPLC/Fluorescence
	9411 Glyphosate		
EPA 548.1 1		10092805	Endothall by Ion Exchange, Methylation and GC/MS
	7525 Endothall		
EPA 549.2 1		10093400	Diquat/Paraquat by Liquid/Liquid Extraction and HPLC/UV-VIS
	9390 Diquat		
	9528 Paraquat		
EPA 552.3 1		10239608	Haloacetic Acid/Dalapon, Microextraction, Derivatization and GC/ECD
	9312 Bromoacetic acid		
	9315 Bromochloroacetic acid		
	9336 Chloroacetic acid		
	9357 Dibromoacetic acid		
	9360 Dichloroacetic acid		
	9414 Total haloacetic acids		
	9642 Trichloroacetic acid		
GA Tech Ra-226/228 GA Tech Ra-226/228		90016005	Radium-226 and Radium-228 in Drinking Water by Gamma-ray Spectrometry using HPGE or Ge (Li) Detectors
	2965 Radium-226		
	2970 Radium-228		
SM 2120 B 22nd Ed		20039014	Color - Visual Comparison Method
	1605 Color		
SM 2130 B-2011		20048220	Turbidity by Nephelometric Method
	2055 Turbidity		
SM 2150 B 21st ED		20043601	Odor by Threshold Odor Test
	1855 Odor		
SM 2320 B 22nd Ed		20045414	Alkalinity by Titration
	1505 Alkalinity as CaCO ₃		
SM 2330 B 22nd Ed		20003365	Calcium Carbonate Indices
	1615 Corrosivity		
SM 2340 B-2011 online		20046611	Hardness
	1750 Hardness		
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)		



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SM 2550 B 21st ED	20053003	Temperature by Laboratory and Field Methods
2030 Temperature, deg. C		
SM 4500-Cl F 20th ED	20080506	Residual Chlorine by DPD Ferrous Titration
1945 Residual free chlorine		
1940 Total residual chlorine		
SM 4500-Cl G 22nd Ed	20081418	Chlorine (Residual) - DPD Colorimetric Method
1945 Residual free chlorine		
1940 Total residual chlorine		
SM 4500-CN E- 2011 2011	20096428	Cyanide by Colorimetric Method
1645 Total cyanide		
SM 4500-CN I- 2011	20098026	Weak Acid Dissociable Cyanide
2074 Weak Acid Dissociable Cyanide		
SM 4500-H+ B 22nd Ed	20105015	pH Value - Electrometric Method
1900 pH		
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 5540 C- 2011	20145066	Surfactants as MBAS
2025 Surfactants - MBAS		
SM 5910 B 22nd Ed	20146218	UV-Absorbing Organic Constituents - Ultraviolet Absorption Method
2060 UV 254		
SM 7110 C (GPC) 22nd Ed	20158810	Gross alpha by Coprecipitation
2830 Gross-alpha		
SM 9215 B (PCA) 21st ED	20181402	Heterotrophic Plate Count Pour Plate (plate count agar): Heterotrophic Bacteria
2555 Heterotrophic plate count		
SM 9221 B (LTB) + C MPN 21st ED	20187002	Multiple Tube Fermentation Quantitative (LTB): Total Coliform
2500 Total coliforms		
SM 9221 B (LTB) + E (EC) + C MPN 20th ED	20188607	Multiple Tube Fermentation Quantitative (LTB/EC MUG): Total Coliform and Fecal coliform
2530 Fecal coliforms		



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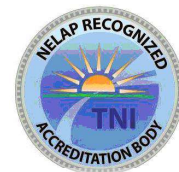
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Drinking Water	SM 9221 B (LTB) + F (EC MUG) + C MPN 21st ED	2525	Escherichia coli	20190607	Multiple Tube Fermentation Quantitative (LTB/EC MUG): E. Coli
	SM 9223 B (Colilert-18 Quanti-Tray)-2004 22nd ED	2525	Escherichia coli	20213610	Enzyme Substrate Coliform Test (Colilert-18 Quanti-Tray)
		2500	Total coliforms		
	SM 9223 B (Colilert-18) 22nd Ed	2525	Escherichia coli	20214419	Enzyme Substrate Coliform Test (Colilert-18)
		2500	Total coliforms		
Non-Potable Water	EPA 1664B			10261617	N-Hexane Extractable Material (Oil and Grease) by Extraction and Gravimetry
		6143	Hexane Extractable Material (HEM)		
		1803	n-Hexane Extractable Material (O&G)		
		1860	Oil & Grease		
	EPA 1664B (SGT-HEM)			10260628	Silica Gel Treated n-Hexane Extractable Material (Oil & Grease)
		2050	Total Petroleum Hydrocarbons (TPH)		
	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
		1000	Aluminum		
		1015	Barium		
		1025	Boron		
		1030	Cadmium		
		1035	Calcium		
		1040	Chromium		
		1050	Cobalt		
		1055	Copper		
		1070	Iron		
		1075	Lead		
		1085	Magnesium		
		1090	Manganese		
		1100	Molybdenum		
		1105	Nickel		
		1125	Potassium		
		1990	Silica as SiO2		
		1150	Silver		
		1155	Sodium		
		1175	Tin		



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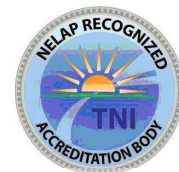
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Non-Potable Water

EPA 200.7 4.4	1180	Titanium	
	1185	Vanadium	
	1190	Zinc	
EPA 200.8 5.4			10014605 Metals by ICP-MS
	1000	Aluminum	
	1005	Antimony	
	1010	Arsenic	
	1015	Barium	
	1020	Beryllium	
	1025	Boron	
	1030	Cadmium	
	1040	Chromium	
	1050	Cobalt	
	1055	Copper	
	1070	Iron	
	1075	Lead	
	1090	Manganese	
	1100	Molybdenum	
	1105	Nickel	
	1140	Selenium	
	1150	Silver	
	1165	Thallium	
	1175	Tin	
	1185	Vanadium	
	1190	Zinc	
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 245.7			10038003 Mercury by Cold Vapor Fluorescence
	1095	Mercury	
EPA 300.0 2.1			10053200 Methods for the Determination of Inorganic Substances in Environmental Samples
	1540	Bromide	
	1575	Chloride	
	1730	Fluoride	
	1810	Nitrate as N	
	1823	Nitrate plus Nitrite as N	
	1820	Nitrate-nitrite	



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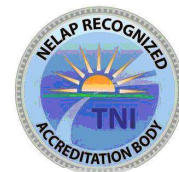
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Non-Potable Water

EPA 300.0 2.1	1840	Nitrite as N	
	1870	Orthophosphate as P	
	2000	Sulfate	
EPA 300.1			10053608 Ion chromatography - anions.
	1540	Bromide	
	1570	Chlorate	
	1595	Chlorite	
EPA 3010A			10133605 Acid Digestion of Aqueous samples and Extracts for Total Metals
	8031	Extraction/Preparation	
EPA 314.0 EPA 314.0			10277006 Perchlorate in Drinking Water by Ion Chromatography
	1895	Perchlorate	
EPA 317.0 2.0			10237602 Inorganic Oxyhalide Disinfection Byproducts in Drinking Water
	1535	Bromate	
EPA 350.1 2			10063602 Ammonia Nitrogen - Colorimetric, Auto Phenate
	1515	Ammonia as N	
EPA 351.2 2			10065404 Total Kjeldahl Nitrogen - Block Digest, Phenate
	1790	Kjeldahl nitrogen	
EPA 365.4			10071008 Phosphorous - Colorimetric, automated block.
	1910	Phosphorus, total	
EPA 365.4			10071202 Phosphorous - Colorimetric, automated block.
	1910	Phosphorus, total	
EPA 6010B			10155609 ICP - AES
	1990	Silica as SiO ₂	
EPA 608			10103603 Organochlorine Pesticides & PCBs by GC/ECD
	7355	4,4'-DDD	
	7360	4,4'-DDE	
	7365	4,4'-DDT	
	7025	Aldrin	
	7110	alpha-BHC (alpha-Hexachlorocyclohexane)	
	8880	Aroclor-1016 (PCB-1016)	
	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)	



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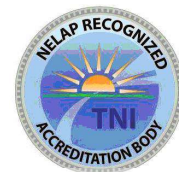
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Non-Potable Water

EPA 608

- 7115 beta-BHC (beta-Hexachlorocyclohexane)
- 7250 Chlordane (tech.)
- 7105 delta-BHC
- 7470 Dieldrin
- 7510 Endosulfan I
- 7515 Endosulfan II
- 7520 Endosulfan sulfate
- 7540 Endrin
- 7530 Endrin aldehyde
- 7535 Endrin ketone
- 7120 gamma-BHC (Lindane, gamma-Hexachlorocyclohexane)
- 7685 Heptachlor
- 7690 Heptachlor epoxide
- 7810 Methoxychlor
- 8250 Toxaphene (Chlorinated camphene)

EPA 608.3 GC-ECD

10296614

Organochlorine Pesticides and PCBs by GC/ECD

- 7355 4,4'-DDD
- 7360 4,4'-DDE
- 7365 4,4'-DDT
- 7025 Aldrin
- 7110 alpha-BHC (alpha-Hexachlorocyclohexane)
- 8880 Aroclor-1016 (PCB-1016)
- 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)
- 8913 Aroclor-1268 (PCB-1268)
- 7115 beta-BHC (beta-Hexachlorocyclohexane)
- 7250 Chlordane (tech.)
- 7240 cis-chlordane (alpha-Chlordane)
- 7105 delta-BHC
- 7470 Dieldrin
- 7510 Endosulfan I
- 7515 Endosulfan II
- 7520 Endosulfan sulfate
- 7540 Endrin
- 7530 Endrin aldehyde
- 7535 Endrin ketone



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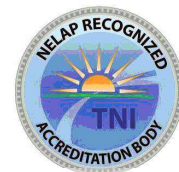
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Non-Potable Water

EPA 608.3 GC-ECD

- 7120 gamma-BHC (Lindane, gamma-Hexachlorocyclohexane)
- 7685 Heptachlor
- 7690 Heptachlor epoxide
- 6275 Hexachlorobenzene
- 7810 Methoxychlor
- 8250 Toxaphene (Chlorinated camphene)
- 7245 trans-chlordane (gamma-Chlordane)

EPA 624

10107207

Volatile Organic Compounds by purge and trap GC/MS

- 5105 1,1,1,2-Tetrachloroethane
- 5160 1,1,1-Trichloroethane
- 5110 1,1,2,2-Tetrachloroethane
- 5195 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)
- 5165 1,1,2-Trichloroethane
- 4630 1,1-Dichloroethane
- 4640 1,1-Dichloroethylene
- 5150 1,2,3-Trichlorobenzene
- 5155 1,2,4-Trichlorobenzene
- 4585 1,2-Dibromoethane (EDB, Ethylene dibromide)
- 4610 1,2-Dichlorobenzene
- 4635 1,2-Dichloroethane (Ethylene dichloride)
- 4655 1,2-Dichloropropane
- 4615 1,3-Dichlorobenzene
- 4675 1,3-Dichloropropene
- 4620 1,4-Dichlorobenzene
- 4410 2-Butanone (Methyl ethyl ketone, MEK)
- 4500 2-Chloroethyl vinyl ether
- 4860 2-Hexanone (MBK)
- 4910 4-Isopropyltoluene (p-Cymene)
- 4995 4-Methyl-2-pentanone (MIBK)
- 4315 Acetone
- 4325 Acrolein (Propenal)
- 4340 Acrylonitrile
- 4375 Benzene
- 4395 Bromodichloromethane
- 4400 Bromoform
- 4450 Carbon disulfide
- 4455 Carbon tetrachloride
- 4475 Chlorobenzene
- 4575 Chlorodibromomethane
- 4485 Chloroethane (Ethyl chloride)
- 4505 Chloroform



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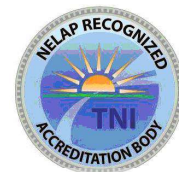
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Non-Potable Water

EPA 624

- 4645 cis-1,2-Dichloroethylene
- 4680 cis-1,3-Dichloropropene
- 4580 Dibromochloropropane
- 4625 Dichlorodifluoromethane (Freon-12)
- 4765 Ethylbenzene
- 5240 m+p-xylene
- 4950 Methyl bromide (Bromomethane)
- 4960 Methyl chloride (Chloromethane)
- 5000 Methyl tert-butyl ether (MTBE)
- 4975 Methylene chloride (Dichloromethane)
- 5005 Naphthalene
- 5250 o-Xylene
- 5100 Styrene
- 5115 Tetrachloroethylene (Perchloroethylene)
- 5140 Toluene
- 4700 trans-1,2-Dichloroethylene
- 4685 trans-1,3-Dichloropropylene
- 5170 Trichloroethene (Trichloroethylene)
- 5175 Trichlorofluoromethane (Fluorotrichloromethane, Freon 11)
- 5235 Vinyl chloride
- 5260 Xylene (total)

EPA 624.1

- 5105 1,1,1,2-Tetrachloroethane
- 5160 1,1,1-Trichloroethane
- 5110 1,1,2,2-Tetrachloroethane
- 5185 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)
- 5165 1,1,2-Trichloroethane
- 4630 1,1-Dichloroethane
- 4640 1,1-Dichloroethylene
- 4670 1,1-Dichloropropene
- 5150 1,2,3-Trichlorobenzene
- 5180 1,2,3-Trichloropropane
- 5155 1,2,4-Trichlorobenzene
- 5210 1,2,4-Trimethylbenzene
- 4585 1,2-Dibromoethane (EDB, Ethylene dibromide)
- 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

10298121

Purgeables by GC/MS



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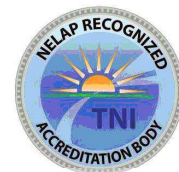
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Non-Potable Water

EPA 624.1

4675	1,3-Dichloropropene
4620	1,4-Dichlorobenzene
4665	2,2-Dichloropropane
4410	2-Butanone (Methyl ethyl ketone, MEK)
4500	2-Chloroethyl vinyl ether
4535	2-Chlorotoluene
4860	2-Hexanone (MBK)
4540	4-Chlorotoluene
4910	4-Isopropyltoluene (p-Cymene)
4995	4-Methyl-2-pentanone (MIBK)
4315	Acetone
4325	Acrolein (Propenal)
4340	Acrylonitrile
4375	Benzene
4385	Bromobenzene
4390	Bromochloromethane
4395	Bromodichloromethane
4400	Bromoform
4450	Carbon disulfide
4455	Carbon tetrachloride
4475	Chlorobenzene
4575	Chlorodibromomethane
4485	Chloroethane (Ethyl chloride)
4505	Chloroform
4645	cis-1,2-Dichloroethylene
4680	cis-1,3-Dichloropropene
4580	Dibromochloropropane
4595	Dibromomethane (Methylene bromide)
4625	Dichlorodifluoromethane (Freon-12)
9375	Di-isopropylether (DIPE)
4765	Ethylbenzene
4770	Ethyl-t-butylether (ETBE) (2-Ethoxy-2-methylpropane)
4835	Hexachlorobutadiene
4840	Hexachloroethane
4870	Iodomethane (Methyl iodide)
4900	Isopropylbenzene (Cumene)
5240	m+p-xylene
4950	Methyl bromide (Bromomethane)
4960	Methyl chloride (Chloromethane)
5000	Methyl tert-butyl ether (MTBE)
4975	Methylene chloride (Dichloromethane)
5005	Naphthalene
4435	n-Butylbenzene



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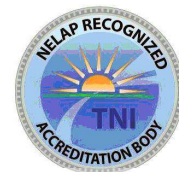
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Non-Potable Water

EPA 624.1

5250 o-Xylene
4440 sec-Butylbenzene
5100 Styrene
4370 T-amylmethylether (TAME)
4420 tert-Butyl alcohol
4445 tert-Butylbenzene
5115 Tetrachloroethylene (Perchloroethylene)
5140 Toluene
4700 trans-1,2-Dichloroethylene
4685 trans-1,3-Dichloropropylene
5170 Trichloroethene (Trichloroethylene)
5175 Trichlorofluoromethane
(Fluorotrichloromethane, Freon 11)
5225 Vinyl acetate
5235 Vinyl chloride
5260 Xylene (total)

EPA 625

10300002

Base/Neutrals and Acids by GC/MS

5155 1,2,4-Trichlorobenzene
4610 1,2-Dichlorobenzene
6221 1,2-Diphenylhydrazine
4615 1,3-Dichlorobenzene
4620 1,4-Dichlorobenzene
6165 1,4-Dinitrobenzene
6380 1-Methylnaphthalene
6840 2,4,6-Trichlorophenol
6000 2,4-Dichlorophenol
6130 2,4-Dimethylphenol
6175 2,4-Dinitrophenol
6185 2,4-Dinitrotoluene (2,4-DNT)
6190 2,6-Dinitrotoluene (2,6-DNT)
5795 2-Chloronaphthalene
5800 2-Chlorophenol
6360 2-Methyl-4,6-dinitrophenol (4,6-Dinitro-2-methylphenol)
6385 2-Methylnaphthalene
6490 2-Nitrophenol
5945 3,3'-Dichlorobenzidine
6355 3-Methylcholanthrene
5660 4-Bromophenyl phenyl ether (BDE-3)
5700 4-Chloro-3-methylphenol
5825 4-Chlorophenyl phenylether
6500 4-Nitrophenol
5500 Acenaphthene
5505 Acenaphthylene



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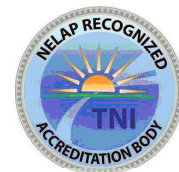
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Non-Potable Water

EPA 625

5555	Anthracene
5595	Benzidine
5575	Benzo(a)anthracene
5580	Benzo(a)pyrene
5590	Benzo(g,h,i)perylene
9309	Benzo(j)fluoranthene
5600	Benzo(k)fluoranthene
5585	Benzo[b]fluoranthene
5760	bis(2-Chloroethoxy)methane
5765	bis(2-Chloroethyl) ether
5780	bis(2-Chloroisopropyl) ether
5670	Butyl benzyl phthalate
5855	Chrysene
6065	Di(2-ethylhexyl) phthalate (bis(2-Ethylhexyl)phthalate, DEHP)
9354	Dibenz(a, h) acridine
5900	Dibenz(a, j) acridine
5895	Dibenz(a,h) anthracene
9348	Dibenzo(a, h) pyrene
9351	Dibenzo(a, i) pyrene
5890	Dibenzo(a,e) pyrene
6070	Diethyl phthalate
6135	Dimethyl phthalate
5925	Di-n-butyl phthalate
6200	Di-n-octyl phthalate
6265	Fluoranthene
6270	Fluorene
6275	Hexachlorobenzene
4835	Hexachlorobutadiene
6285	Hexachlorocyclopentadiene
4840	Hexachloroethane
6315	Indeno(1,2,3-cd) pyrene
6320	Isophorone
5005	Naphthalene
5015	Nitrobenzene
6530	n-Nitrosodimethylamine
6545	n-Nitrosodi-n-propylamine
6535	n-Nitrosodiphenylamine
6605	Pentachlorophenol
6608	Perylene
6615	Phenanthrene
6625	Phenol
6665	Pyrene



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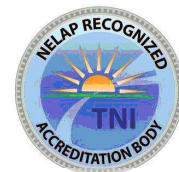
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Non-Potable Water

EPA 625.1

10300024

Base/Neutrals and Acids by GC/MS

5155 1,2,4-Trichlorobenzene
4610 1,2-Dichlorobenzene
6221 1,2-Diphenylhydrazine
4615 1,3-Dichlorobenzene
4620 1,4-Dichlorobenzene
6165 1,4-Dinitrobenzene
6380 1-Methylnaphthalene
6840 2,4,6-Trichlorophenol
6000 2,4-Dichlorophenol
6130 2,4-Dimethylphenol
6175 2,4-Dinitrophenol
6185 2,4-Dinitrotoluene (2,4-DNT)
6190 2,6-Dinitrotoluene (2,6-DNT)
5795 2-Chloronaphthalene
5800 2-Chlorophenol
6360 2-Methyl-4,6-dinitrophenol (4,6-Dinitro-2-methylphenol)
6385 2-Methylnaphthalene
6490 2-Nitrophenol
5945 3,3'-Dichlorobenzidine
6355 3-Methylcholanthrene
5660 4-Bromophenyl phenyl ether (BDE-3)
5700 4-Chloro-3-methylphenol
5825 4-Chlorophenyl phenylether
6500 4-Nitrophenol
5500 Acenaphthene
5505 Acenaphthylene
5555 Anthracene
5595 Benzidine
5575 Benzo(a)anthracene
5580 Benzo(a)pyrene
5590 Benzo(g,h,i)perylene
9309 Benzo(j)fluoranthene
5600 Benzo(k)fluoranthene
5585 Benzo[b]fluoranthene
5760 bis(2-Chloroethoxy)methane
5765 bis(2-Chloroethyl) ether
5780 bis(2-Chloroisopropyl) ether
5670 Butyl benzyl phthalate
5855 Chrysene
6065 Di(2-ethylhexyl) phthalate (bis(2-Ethylhexyl)phthalate, DEHP)
9354 Dibenz(a, h) acridine



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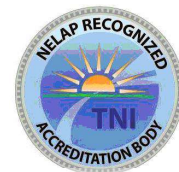
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Non-Potable Water

EPA 625.1	5900	Dibenz(a, j) acridine		
	5895	Dibenz(a,h) anthracene		
	9348	Dibenzo(a, h) pyrene		
	9351	Dibenzo(a, i) pyrene		
	5890	Dibenzo(a,e) pyrene		
	6070	Diethyl phthalate		
	6135	Dimethyl phthalate		
	5925	Di-n-butyl phthalate		
	6200	Di-n-octyl phthalate		
	6265	Fluoranthene		
	6270	Fluorene		
	6275	Hexachlorobenzene		
	4835	Hexachlorobutadiene		
	6285	Hexachlorocyclopentadiene		
	4840	Hexachloroethane		
	6315	Indeno(1,2,3-cd) pyrene		
	6320	Isophorone		
	5005	Naphthalene		
	5015	Nitrobenzene		
	6530	n-Nitrosodimethylamine		
	6545	n-Nitrosodi-n-propylamine		
	6535	n-Nitrosodiphenylamine		
	6605	Pentachlorophenol		
	6608	Perylene		
	6615	Phenanthrene		
	6625	Phenol		
	6665	Pyrene		
EPA 9040B			10197203	pH Electrometric Measurement
	1900	pH		
EPA 9045C			10198400	Soil and Waste pH
	1900	pH		
NWTPH-Dx			90018409	Oregon DEQ TPH Diesel Range
	9369	Diesel range organics (DRO)		
	9488	Jet Fuel		
	9499	Motor Oil		
	2050	Total Petroleum Hydrocarbons (TPH)		
NWTPH-GX (GC/MS)			90018658	Oregon DEQ TPH Gasoline Range Organics by GC/MS Purge & Trap
	9408	Gasoline range organics (GRO)		
SM 2120 B 22nd Ed			20039014	Color - Visual Comparison Method
	1605	Color		



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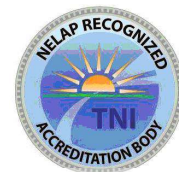
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SM 2130 B-2011	2055	Turbidity	20048220	Turbidity by Nephelometric Method
SM 2320 B 22nd Ed	1505	Alkalinity as CaCO ₃	20045414	Alkalinity by Titration
SM 2340 B-2011 online	1750	Hardness	20046611	Hardness
SM 2510 B 22nd Ed	1610	Conductivity	20048413	Conductivity by Probe
SM 2540 B-2011 2011	1950	Residue-total	20049416	Total Solids Dried at 103 - 105C
SM 2540 C 22nd Ed	1955	Residue-filterable (TDS)	20050424	Total Dissolved Solids Dried at 180 deg C
SM 2540 D-2011	1960	Residue-nonfilterable (TSS)	20051212	Total Suspended Solids Dried at 103 - 105 C
SM 2540 E-2011 2011	1725	Total, fixed, and volatile residue	20051596	Fixed & Volatile Solids Ignited at 550 C
SM 2540 F-2011	1965	Residue-settleable	20052215	Settleable Solids
SM 2550 B 21st ED	2030	Temperature, deg. C	20053003	Temperature by Laboratory and Field Methods
SM 4500-CI B 20th	1580	Chlorine	20783000	Chloride by Iodometric Method I
SM 4500-CI F 20th ED	1945	Residual free chlorine	20080506	Residual Chlorine by DPD Ferrous Titration
	1940	Total residual chlorine		
SM 4500-CI G 22nd Ed	1945	Residual free chlorine	20081418	Chlorine (Residual) - DPD Colorimetric Method
	1940	Total residual chlorine		
SM 4500-CN E-2011 2011	1645	Total cyanide	20096428	Cyanide by Colormetric Method
SM 4500-CN ⁻ C-2011	1645	Total cyanide	20065663	Cyanide (Total) After Distillation
SM 4500-CN ⁻ I-2011	2074	Weak Acid Dissociable Cyanide	20098026	Weak Acid Dissociable Cyanide



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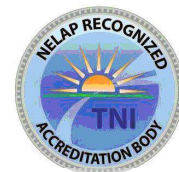
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SM 4500-F ⁻ C-2011 online	20102414	Fluoride by Ion Selective Electrode
1730 Fluoride		
SM 4500-H ⁺ B 22nd Ed	20105015	pH Value - Electrometric Method
1900 pH		
SM 4500-NO ₃ ⁻ F 21st ED	20116409	Nitrate by Automated Cadmium Reduction Method
1820 Nitrate-nitrite		
SM 4500-O C 21st ED	20120609	Oxygen by Azide Modification
1880 Oxygen, dissolved		
SM 4500-O G 21st ED	20121408	Oxygen by Membrane Electrode Method
1880 Oxygen, dissolved		
SM 4500-P B5-2011	20123368	Phosphorus by Persulfate Digestion Method
1910 Phosphorus, total		
SM 4500-P E 22nd Ed	20124010	Phosphorus - Ascorbic Acid Method
1870 Orthophosphate as P		
1910 Phosphorus, total		
SM 5210 B 22nd ED	20135017	Biochemical Oxygen Demand (BOD) 5-Day
1530 Biochemical oxygen demand		
1555 Carbonaceous BOD, CBOD		
SM 5220 D-2011 2011	20136816	Chemical Oxygen Demand by Closed Reflux and Colorimetric Determination
1565 Chemical oxygen demand		
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 5520 B-2011	20141666	Oil and Grease by Partition-Gravimetric Method
1803 n-Hexane Extractable Material (O&G)		
1860 Oil & Grease		
SM 5520 F-2011	20143413	Oil and Grease Hydrocarbons
2050 Total Petroleum Hydrocarbons (TPH)		
SM 5540 C-2011	20145066	Surfactants as MBAS
2025 Surfactants - MBAS		
SM 9215 B (PCA) 21st ED	20181402	Heterotrophic Plate Count Pour Plate (plate count agar): Heterotrophic Bacteria
2555 Heterotrophic plate count		



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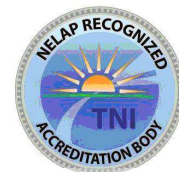
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Non-Potable Water

SM 9221 B (LTB) + C MPN 21st ED	2500	Total coliforms	20187002	Multiple Tube Fermentation Quantitative (LTB): Total Coliform
SM 9221 B (LTB) + E (EC) + C MPN 20th ED	2530	Fecal coliforms	20188607	Multiple Tube Fermentation Quantitative (LTB/EC MUG): Total Coliform and Fecal coliform
SM 9221 B (LTB) + F (EC MUG) + C MPN 20th ED	2525	Escherichia coli	20190403	Multiple Tube Fermentation Quantitative (LTB/EC MUG): E. Coli
SM 9223 B (Colilert-18 Quanti-Tray)- 2004 22nd ED	2525 2500	Escherichia coli Total coliforms	20213610	Enzyme Substrate Coliform Test (Colilert-18 Quanti-Tray)
SM 9223 B (Colilert-18) 22nd Ed	2525 2500	Escherichia coli Total coliforms	20214419	Enzyme Substrate Coliform Test (Colilert-18)
SM 9230 B (BEA) 22nd ED	2540	Fecal streptococci	20037712	Fecal Streptococcus and Enterococcus Groups - Multiple Tube Technique

Solids

EPA 1311	8031	Extraction/Preparation	10118806	Toxicity Characteristic Leaching Procedure
EPA 300.0 2.1	1575 1730 1810 1823 1820 1840 1870 2000	Chloride Fluoride Nitrate as N Nitrate plus Nitrite as N Nitrate-nitrite Nitrite as N Orthophosphate as P Sulfate	10053200	Methods for the Determination of Inorganic Substances in Environmental Samples
EPA 3010A	8031	Extraction/Preparation	10133605	Acid Digestion of Aqueous samples and Extracts for Total Metals
EPA 3050B	8031	Extraction/Preparation	10135601	Acid Digestion of Sediments, Sludges, and soils
EPA 3060A	8031	Extraction/Preparation	10136604	Alkaline Digestion for Hexavalent Chromium



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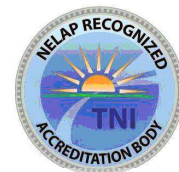
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Solids	EPA 350.1 2		10063602	Ammonia Nitrogen - Colorimetric, Auto Phenate
	1515	Ammonia as N		
	EPA 3510C		10138202	Separatory Funnel Liquid-liquid extraction
	8031	Extraction/Preparation		
	EPA 3520C		10139001	Continuous Liquid-liquid extraction
	8031	Extraction/Preparation		
	EPA 3540C		10140202	Soxhlet Extraction
	8031	Extraction/Preparation		
	EPA 3550B		10141807	Ultrasonic Extraction
	8031	Extraction/Preparation		
	EPA 3550C		10142004	Ultrasonic Extraction
	8031	Extraction/Preparation		
	EPA 5030B		10153409	Purge and trap for aqueous samples
	8031	Extraction/Preparation		
	EPA 5030C		10284603	Purge-and-Trap for Aqueous Samples
	8031	Extraction/Preparation		
	EPA 5035		10154004	Closed-System Purge-and-Trap and Extraction for Volatile Organics in Soil and Waste Samples
	8031	Extraction/Preparation		
	EPA 5035A		10284807	Closed-System Purge-and-Trap and Extraction for Volatile Organics in Soil and Waste Samples
	8031	Extraction/Preparation		
	EPA 6010B		10155609	ICP - AES
	1000	Aluminum		
	1015	Barium		
	1025	Boron		
	1030	Cadmium		
	1035	Calcium		
	1040	Chromium		
	1050	Cobalt		
	1055	Copper		
	1070	Iron		
	1075	Lead		
	1085	Magnesium		
	1090	Manganese		
	1100	Molybdenum		
	1105	Nickel		
	1125	Potassium		
	1150	Silver		



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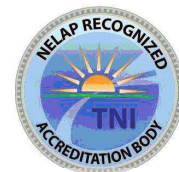
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Solids

EPA 6010B

1155 Sodium
1175 Tin
1185 Vanadium
1190 Zinc

EPA 6010D 4

1000 Aluminum
1015 Barium
1025 Boron
1030 Cadmium
1035 Calcium
1040 Chromium
1050 Cobalt
1055 Copper
1070 Iron
1075 Lead
1085 Magnesium
1090 Manganese
1100 Molybdenum
1105 Nickel
1125 Potassium
1150 Silver
1155 Sodium
1175 Tin
1185 Vanadium
1190 Zinc

10155916

Metals by ICP - AES

EPA 6020

10156000

Inductively Coupled Plasma-Mass Spectrometry

1005 Antimony
1010 Arsenic
1015 Barium
1020 Beryllium
1030 Cadmium
1040 Chromium
1050 Cobalt
1055 Copper
1075 Lead
1100 Molybdenum
1105 Nickel
1140 Selenium
1150 Silver
1165 Thallium
1185 Vanadium
1190 Zinc



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Solids

EPA 6020A 1	10156419	Inductively Coupled Plasma -Mass Spectrometry
1095 Mercury		
EPA 6020B 2	10156420	Inductively Coupled Plasma-Mass Spectrometry
1005 Antimony		
1010 Arsenic		
1015 Barium		
1020 Beryllium		
1030 Cadmium		
1040 Chromium		
1050 Cobalt		
1055 Copper		
1075 Lead		
1095 Mercury		
1100 Molybdenum		
1105 Nickel		
1140 Selenium		
1150 Silver		
1165 Thallium		
1185 Vanadium		
1190 Zinc		
EPA 7199 EPA 7199	10163005	Determination of Hexavalent Chromium in Drinking Water, Groundwater and Industrial Wastewater Effluents by Ion Chromatography
1045 Chromium VI		
EPA 8081A	10178606	Organochlorine Pesticides by GC/ECD
8580 2,4'-DDD		
8585 2,4'-DDE		
8590 2,4'-DDT		
7355 4,4'-DDD		
7360 4,4'-DDE		
7365 4,4'-DDT		
7025 Aldrin		
7110 alpha-BHC (alpha-Hexachlorocyclohexane)		
7115 beta-BHC (beta-Hexachlorocyclohexane)		
7250 Chlordane (tech.)		
7240 cis-chlordane (alpha-Chlordane)		
7105 delta-BHC		
7460 Dicofof		
7470 Dieldrin		
7510 Endosulfan I		



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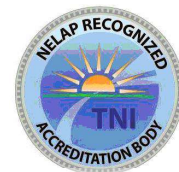
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Solids

EPA 8081A

7515 Endosulfan II
7520 Endosulfan sulfate
7540 Endrin
7530 Endrin aldehyde
7535 Endrin ketone
7120 gamma-BHC (Lindane, gamma-HexachlorocyclohexanE)
7685 Heptachlor
7690 Heptachlor epoxide
6275 Hexachlorobenzene
6285 Hexachlorocyclopentadiene
7810 Methoxychlor
8250 Toxaphene (Chlorinated camphene)
7245 trans-chlordane (gamma-Chlordane)

EPA 8081B

10178800

Organochlorine Pesticides by GC/ECD

8580 2,4'-DDD
8585 2,4'-DDE
8590 2,4'-DDT
7355 4,4'-DDD
7360 4,4'-DDE
7365 4,4'-DDT
7025 Aldrin
7110 alpha-BHC (alpha-Hexachlorocyclohexane)
7115 beta-BHC (beta-Hexachlorocyclohexane)
7250 Chlordane (tech.)
7240 cis-chlordane (alpha-Chlordane)
7105 delta-BHC
7460 Dicofof
7470 Dieldrin
7510 Endosulfan I
7515 Endosulfan II
7520 Endosulfan sulfate
7540 Endrin
7530 Endrin aldehyde
7535 Endrin ketone
7120 gamma-BHC (Lindane, gamma-HexachlorocyclohexanE)
7685 Heptachlor
7690 Heptachlor epoxide
6275 Hexachlorobenzene
6285 Hexachlorocyclopentadiene
7810 Methoxychlor



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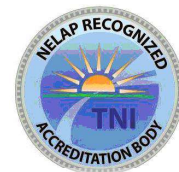
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1414 Stanislaus Street

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Solids	EPA 8081B	8250	Toxaphene (Chlorinated camphene)		
		7245	trans-chlordane (gamma-Chlordane)		
	EPA 8082			10179007	Polychlorinated Biphenyls (PCBs) by GC/ECD
		8880	Aroclor-1016 (PCB-1016)		
		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)		
	EPA 8082A			10179201	Polychlorinated Biphenyls (PCBs) by GC/ECD
		8880	Aroclor-1016 (PCB-1016)		
		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)		
	EPA 8260B			10184802	Volatile Organic Compounds by purge and trap GC/MS
		5105	1,1,1,2-Tetrachloroethane		
		5160	1,1,1-Trichloroethane		
		5110	1,1,2,2-Tetrachloroethane		
		5195	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)		
		5165	1,1,2-Trichloroethane		
		4630	1,1-Dichloroethane		
		4640	1,1-Dichloroethylene		
		4670	1,1-Dichloropropene		
		5150	1,2,3-Trichlorobenzene		
		5180	1,2,3-Trichloropropane		
		5155	1,2,4-Trichlorobenzene		
		5210	1,2,4-Trimethylbenzene		
		4570	1,2-Dibromo-3-chloropropane (DBCP)		
		4585	1,2-Dibromoethane (EDB, Ethylene dibromide)		
		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		



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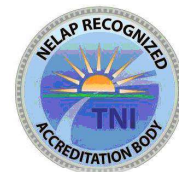
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Solids

EPA 8260B

4665 2,2-Dichloropropane
4410 2-Butanone (Methyl ethyl ketone, MEK)
4500 2-Chloroethyl vinyl ether
4535 2-Chlorotoluene
4860 2-Hexanone (MBK)
4540 4-Chlorotoluene
4910 4-Isopropyltoluene (p-Cymene)
4995 4-Methyl-2-pentanone (MIBK)
4315 Acetone
4320 Acetonitrile
4325 Acrolein (Propenal)
4340 Acrylonitrile
4375 Benzene
4385 Bromobenzene
4390 Bromochloromethane
4395 Bromodichloromethane
4400 Bromoform
4450 Carbon disulfide
4455 Carbon tetrachloride
4475 Chlorobenzene
4575 Chlorodibromomethane
4485 Chloroethane (Ethyl chloride)
4505 Chloroform
4525 Chloroprene (2-Chloro-1,3-butadiene)
4645 cis-1,2-Dichloroethylene
4680 cis-1,3-Dichloropropene
4580 Dibromochloropropane
4595 Dibromomethane (Methylene bromide)
4625 Dichlorodifluoromethane (Freon-12)
9375 Di-isopropylether (DIPE)
4750 Ethanol
4810 Ethyl methacrylate
4765 Ethylbenzene
4770 Ethyl-t-butylether (ETBE) (2-Ethoxy-2-methylpropane)
4835 Hexachlorobutadiene
4840 Hexachloroethane
4870 Iodomethane (Methyl iodide)
4875 Isobutyl alcohol (2-Methyl-1-propanol)
4900 Isopropylbenzene (Cumene)
5240 m+p-xylene
4925 Methacrylonitrile
4950 Methyl bromide (Bromomethane)
4960 Methyl chloride (Chloromethane)



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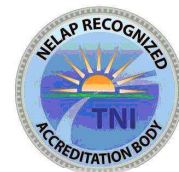
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Solids

EPA 8260B

4990 Methyl methacrylate
5000 Methyl tert-butyl ether (MTBE)
4975 Methylene chloride (Dichloromethane)
5005 Naphthalene
4435 n-Butylbenzene
5090 n-Propylbenzene
5250 o-Xylene
5080 Propionitrile (Ethyl cyanide)
4440 sec-Butylbenzene
5100 Styrene
4370 T-amylmethylether (TAME)
4420 tert-Butyl alcohol
4445 tert-Butylbenzene
5115 Tetrachloroethylene (Perchloroethylene)
5140 Toluene
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)
5225 Vinyl acetate
5235 Vinyl chloride
5260 Xylene (total)

EPA 8260D

10307127

Volatile Organic Compounds By GC/MS

5105 1,1,1,2-Tetrachloroethane
5160 1,1,1-Trichloroethane
5110 1,1,2,2-Tetrachloroethane
5185 1,1,2-Trichloro-1,2,2-trifluoroethane
(Freon 113)
5165 1,1,2-Trichloroethane
4630 1,1-Dichloroethane
4640 1,1-Dichloroethylene
4670 1,1-Dichloropropene
5150 1,2,3-Trichlorobenzene
5180 1,2,3-Trichloropropane
5155 1,2,4-Trichlorobenzene
5210 1,2,4-Trimethylbenzene
4570 1,2-Dibromo-3-chloropropane (DBCP)
4585 1,2-Dibromoethane (EDB, Ethylene
dibromide)
4610 1,2-Dichlorobenzene
4635 1,2-Dichloroethane (Ethylene dichloride)
4655 1,2-Dichloropropane



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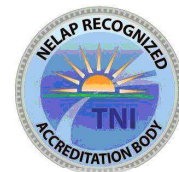
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Solids	EPA 8260D	5215	1,3,5-Trimethylbenzene
		4615	1,3-Dichlorobenzene
		4660	1,3-Dichloropropane
		4620	1,4-Dichlorobenzene
		4665	2,2-Dichloropropane
		4410	2-Butanone (Methyl ethyl ketone, MEK)
		4500	2-Chloroethyl vinyl ether
		4535	2-Chlorotoluene
		4860	2-Hexanone (MBK)
		4540	4-Chlorotoluene
		4910	4-Isopropyltoluene (p-Cymene)
		4995	4-Methyl-2-pentanone (MIBK)
		4315	Acetone
		4325	Acrolein (Propenal)
		4340	Acrylonitrile
		4375	Benzene
		4385	Bromobenzene
		4390	Bromochloromethane
		4395	Bromodichloromethane
		4400	Bromoform
		4450	Carbon disulfide
		4455	Carbon tetrachloride
		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)
		9375	Di-isopropylether (DIPE)
		4750	Ethanol
		4810	Ethyl methacrylate
		4765	Ethylbenzene
		4770	Ethyl-t-butylether (ETBE) (2-Ethoxy-2-methylpropane)
		4835	Hexachlorobutadiene
		4870	Iodomethane (Methyl iodide)
		4875	Isobutyl alcohol (2-Methyl-1-propanol)
		4900	Isopropylbenzene (Cumene)
		5240	m+p-xylene
		4925	Methacrylonitrile
		4950	Methyl bromide (Bromomethane)
		4960	Methyl chloride (Chloromethane)



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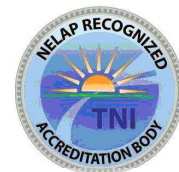
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Solids

EPA 8260D

- 4990 Methyl methacrylate
- 5000 Methyl tert-butyl ether (MTBE)
- 4975 Methylene chloride (Dichloromethane)
- 5005 Naphthalene
- 4435 n-Butylbenzene
- 5090 n-Propylbenzene
- 5250 o-Xylene
- 4440 sec-Butylbenzene
- 5100 Styrene
- 4370 T-amylmethylether (TAME)
- 4420 tert-Butyl alcohol
- 4445 tert-Butylbenzene
- 5115 Tetrachloroethylene (Perchloroethylene)
- 5140 Toluene
- 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)
- 5225 Vinyl acetate
- 5235 Vinyl chloride
- 5260 Xylene (total)

EPA 8270C

10185805

Semivolatile Organic compounds by
GC/MS

- 6715 1,2,4,5-Tetrachlorobenzene
- 5155 1,2,4-Trichlorobenzene
- 4610 1,2-Dichlorobenzene
- 6155 1,2-Dinitrobenzene
- 6221 1,2-Diphenylhydrazine
- 6885 1,3,5-Trinitrobenzene (1,3,5-TNB)
- 4615 1,3-Dichlorobenzene
- 6160 1,3-Dinitrobenzene (1,3-DNB)
- 4620 1,4-Dichlorobenzene
- 6165 1,4-Dinitrobenzene
- 6420 1,4-Naphthoquinone
- 6630 1,4-Phenylenediamine
- 6380 1-Methylnaphthalene
- 6425 1-Naphthylamine
- 6735 2,3,4,6-Tetrachlorophenol
- 6835 2,4,5-Trichlorophenol
- 6840 2,4,6-Trichlorophenol
- 6000 2,4-Dichlorophenol
- 6130 2,4-Dimethylphenol



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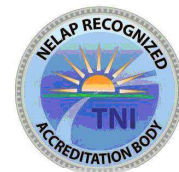
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Solids

EPA 8270C

6175 2,4-Dinitrophenol
6185 2,4-Dinitrotoluene (2,4-DNT)
6005 2,6-Dichlorophenol
6190 2,6-Dinitrotoluene (2,6-DNT)
5515 2-Acetylaminofluorene
5795 2-Chloronaphthalene
5800 2-Chlorophenol
6360 2-Methyl-4,6-dinitrophenol (4,6-Dinitro-2-methylphenol)
5145 2-Methylaniline (o-Toluidine)
6385 2-Methylnaphthalene
6400 2-Methylphenol (o-Cresol)
6430 2-Naphthylamine
6460 2-Nitroaniline
6490 2-Nitrophenol
5945 3,3'-Dichlorobenzidine
6120 3,3'-Dimethylbenzidine
6355 3-Methylcholanthrene
6405 3-Methylphenol (m-Cresol)
6465 3-Nitroaniline
5540 4-Aminobiphenyl
5660 4-Bromophenyl phenyl ether (BDE-3)
5700 4-Chloro-3-methylphenol
5745 4-Chloroaniline
5825 4-Chlorophenyl phenylether
6105 4-Dimethyl aminoazobenzene
6410 4-Methylphenol (p-Cresol)
6470 4-Nitroaniline
6500 4-Nitrophenol
6570 5-Nitro-o-toluidine
6115 7,12-Dimethylbenz(a) anthracene
5500 Acenaphthene
5505 Acenaphthylene
5510 Acetophenone
7030 Allethrin
5545 Aniline
5555 Anthracene
7065 Atrazine
7075 Azinphos-methyl (Guthion)
5562 Azobenzene
5595 Benzidine
5575 Benzo(a)anthracene
5580 Benzo(a)pyrene
5590 Benzo(g,h,i)perylene



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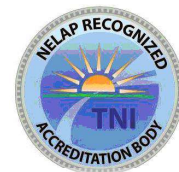
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Solids

EPA 8270C

9309 Benzo(j)fluoranthene
5600 Benzo(k)fluoranthene
5585 Benzo[b]fluoranthene
5610 Benzoic acid
5630 Benzyl alcohol
7117 Bifenthrin
5760 bis(2-Chloroethoxy)methane
5765 bis(2-Chloroethyl) ether
5780 bis(2-Chloroisopropyl) ether
6062 bis(2-Ethylhexyl)adipate
7125 Bolstar (Sulprofos)
5670 Butyl benzyl phthalate
7260 Chlorobenzilate
7300 Chlorpyrifos
5855 Chrysene
7965 cis-Permethrin
7315 Coumaphos
7340 Cyanazine
7345 Cyfluthrin
7346 Cypermethrin
200 Deltamethrine
7395 Demeton-o
7385 Demeton-s
6065 Di(2-ethylhexyl) phthalate (bis(2-Ethylhexyl)phthalate, DEHP)
7405 Diallate
7410 Diazinon
9354 Dibenz(a, h) acridine
5900 Dibenz(a, j) acridine
5895 Dibenz(a, h) anthracene
9348 Dibenzo(a, h) pyrene
9351 Dibenzo(a, i) pyrene
5890 Dibenzo(a, e) pyrene
5905 Dibenzofuran
7435 Dichloran
8610 Dichlorvos (DDVP, Dichlorvos)
7460 Dicofo
6070 Diethyl phthalate
7475 Dimethoate
6135 Dimethyl phthalate
5925 Di-n-butyl phthalate
6200 Di-n-octyl phthalate
6205 Diphenylamine
8625 Disulfoton



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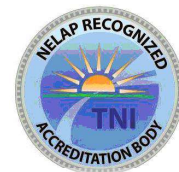
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Solids

EPA 8270C

7550 EPN
7565 Ethion
7570 Ethoprop
6260 Ethyl methanesulfonate
7580 Famphur
201 Fenpropathrin
7600 Fensulfothion
7605 Fenthion
7620 Fenvalerate
6265 Fluoranthene
6270 Fluorene
6275 Hexachlorobenzene
4835 Hexachlorobutadiene
6285 Hexachlorocyclopentadiene
4840 Hexachloroethane
6295 Hexachloropropene
6315 Indeno(1,2,3-cd) pyrene
7725 Isodrin
6320 Isophorone
6325 Isosafrole
7740 Kepone
202 Lambda-Cyhalothrin
7770 Malathion
6345 Methapyrilene
6375 Methyl methanesulfonate
7825 Methyl parathion (Parathion, methyl)
7850 Mevinphos
7880 Monocrotophos
7905 Naled
5005 Naphthalene
5015 Nitrobenzene
6525 n-Nitrosodiethylamine
6530 n-Nitrosodimethylamine
5025 n-Nitroso-di-n-butylamine
6545 n-Nitrosodi-n-propylamine
6535 n-Nitrosodiphenylamine
6550 n-Nitrosomethylethylamine
6560 n-Nitrosopiperidine
6565 n-Nitrosopyrrolidine
8290 o,o,o-Triethyl phosphorothioate
7955 Parathion, ethyl
7960 Pendimethalin (Penoxalin)
6590 Pentachlorobenzene



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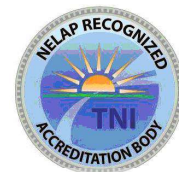
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Solids

EPA 8270C

6600 Pentachloronitrobenzene
6605 Pentachlorophenol
6608 Perylene
6610 Phenacetin
6615 Phenanthrene
6625 Phenol
7985 Phorate
8000 Phosmet (Imidan)
9550 Piperonyl butoxide
203 Prallethrin
8040 Prometryn
6650 Pronamide (Kerb)
6665 Pyrene
5095 Pyridine
8110 Ronnel
6685 Safole
8125 Simazine
8155 Sulfotepp
8160 Sumithrin (Phenothrin)
204 Tefluthrin
8200 Tetrachlorvinphos (Stirophos, Gardona)
Z-isomer
8220 Thiobencarb
8235 Thionazin (Zinophos)
8245 Tokuthion (Prothiophos)
7970 trans Permethrin
8275 Trichloronate
8295 Trifluralin (Treflan)

EPA 8270E

10242543

Semivolatile Organic compounds by
GC/MS

6715 1,2,4,5-Tetrachlorobenzene
5155 1,2,4-Trichlorobenzene
4610 1,2-Dichlorobenzene
6155 1,2-Dinitrobenzene
6221 1,2-Diphenylhydrazine
6885 1,3,5-Trinitrobenzene (1,3,5-TNB)
4615 1,3-Dichlorobenzene
6160 1,3-Dinitrobenzene (1,3-DNB)
4620 1,4-Dichlorobenzene
6165 1,4-Dinitrobenzene
6420 1,4-Naphthoquinone
6630 1,4-Phenylenediamine
6380 1-Methylnaphthalene
6425 1-Naphthylamine



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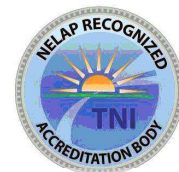
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Solids

EPA 8270E

6735 2,3,4,6-Tetrachlorophenol
6835 2,4,5-Trichlorophenol
6840 2,4,6-Trichlorophenol
6000 2,4-Dichlorophenol
6130 2,4-Dimethylphenol
6175 2,4-Dinitrophenol
6185 2,4-Dinitrotoluene (2,4-DNT)
6005 2,6-Dichlorophenol
6190 2,6-Dinitrotoluene (2,6-DNT)
5515 2-Acetylaminofluorene
5795 2-Chloronaphthalene
5800 2-Chlorophenol
6360 2-Methyl-4,6-dinitrophenol (4,6-Dinitro-2-methylphenol)
5145 2-Methylaniline (o-Toluidine)
6385 2-Methylnaphthalene
6400 2-Methylphenol (o-Cresol)
6430 2-Naphthylamine
6460 2-Nitroaniline
6490 2-Nitrophenol
5945 3,3'-Dichlorobenzidine
6120 3,3'-Dimethylbenzidine
6355 3-Methylcholanthrene
6405 3-Methylphenol (m-Cresol)
6465 3-Nitroaniline
5540 4-Aminobiphenyl
5660 4-Bromophenyl phenyl ether (BDE-3)
5700 4-Chloro-3-methylphenol
5745 4-Chloroaniline
5825 4-Chlorophenyl phenylether
6105 4-Dimethyl aminoazobenzene
6410 4-Methylphenol (p-Cresol)
6470 4-Nitroaniline
6500 4-Nitrophenol
6570 5-Nitro-o-toluidine
6115 7,12-Dimethylbenz(a) anthracene
5500 Acenaphthene
5505 Acenaphthylene
5510 Acetophenone
5545 Aniline
5555 Anthracene
7065 Atrazine
7075 Azinphos-methyl (Guthion)
5562 Azobenzene



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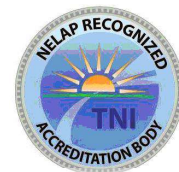
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Solids

EPA 8270E

5595 Benzidine
5575 Benzo(a)anthracene
5580 Benzo(a)pyrene
5590 Benzo(g,h,i)perylene
9309 Benzo(j)fluoranthene
5600 Benzo(k)fluoranthene
5585 Benzo[b]fluoranthene
5610 Benzoic acid
5630 Benzyl alcohol
5760 bis(2-Chloroethoxy)methane
5765 bis(2-Chloroethyl) ether
5780 bis(2-Chloroisopropyl) ether
6062 bis(2-Ethylhexyl)adipate
7125 Bolstar (Sulprofos)
5670 Butyl benzyl phthalate
7260 Chlorobenzilate
7300 Chlorpyrifos
5855 Chrysene
7315 Coumaphos
7340 Cyanazine
7390 Demeton
7395 Demeton-o
7385 Demeton-s
6065 Di(2-ethylhexyl) phthalate (bis(2-Ethylhexyl)phthalate, DEHP)
7405 Diallate
7410 Diazinon
9354 Dibenz(a, h) acridine
5900 Dibenz(a, j) acridine
5895 Dibenz(a,h) anthracene
9348 Dibenzo(a, h) pyrene
9351 Dibenzo(a, i) pyrene
5890 Dibenzo(a,e) pyrene
5905 Dibenzofuran
8610 Dichlorvos (DDVP, Dichlorvos)
7460 Dicofof
6070 Diethyl phthalate
7475 Dimethoate
6135 Dimethyl phthalate
5925 Di-n-butyl phthalate
6200 Di-n-octyl phthalate
6205 Diphenylamine
8625 Disulfoton
7550 EPN



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Environmental Laboratory Accreditation Program

ORELAP Fields of Accreditation

ORELAP ID: 4021

EPA CODE: CA00079

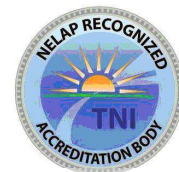
Certificate: 4021 - 011

BSK Associates

1414 Stanislaus Street

Fresno, CA 93706

Issue Date: 1/30/2019 Expiration Date: 1/29/2020



As of 1/30/2019 this list supersedes all previous lists for this certificate number.

Solids

EPA 8270E

7565 Ethion
7570 Ethoprop
6260 Ethyl methanesulfonate
7580 Famphur
7600 Fensulfothion
7605 Fenthion
6265 Fluoranthene
6270 Fluorene
6275 Hexachlorobenzene
4835 Hexachlorobutadiene
6285 Hexachlorocyclopentadiene
4840 Hexachloroethane
6295 Hexachloropropene
6315 Indeno(1,2,3-cd) pyrene
7725 Isodrin
6320 Isophorone
6325 Isosafrole
7740 Kepone
7770 Malathion
6345 Methapyrilene
6375 Methyl methanesulfonate
7825 Methyl parathion (Parathion, methyl)
7850 Mevinphos
7880 Monocrotophos
7905 Naled
5005 Naphthalene
5015 Nitrobenzene
6525 n-Nitrosodiethylamine
6530 n-Nitrosodimethylamine
5025 n-Nitroso-di-n-butylamine
6545 n-Nitrosodi-n-propylamine
6535 n-Nitrosodiphenylamine
6550 n-Nitrosomethylethylamine
6560 n-Nitrosopiperidine
6565 n-Nitrosopyrrolidine
8290 o,o,o-Triethyl phosphorothioate
7955 Parathion, ethyl
7960 Pendimethalin (Penoxalin)
6590 Pentachlorobenzene
6600 Pentachloronitrobenzene
6605 Pentachlorophenol
6608 Perylene
6610 Phenacetin



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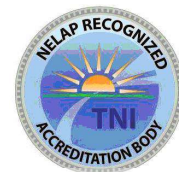
Environmental Laboratory Accreditation Program

ORELAP Fields of Accreditation

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Solids

EPA 8270E

6615 Phenanthrene
6625 Phenol
7985 Phorate
8000 Phosmet (Imidan)
6650 Pronamide (Kerb)
6665 Pyrene
5095 Pyridine
8110 Ronnel
6685 Safole
8125 Simazine
8155 Sulfotepp
8200 Tetrachlorvinphos (Stirophos, Gardona)
Z-isomer
8235 Thionazin (Zinophos)
8245 Tokuthion (Prothiophos)
8275 Trichloronate
8295 Trifluralin (Treflan)

EPA 8321A

10189001

Solvent Extractable non-volatile compounds by HPLC/TS/MS

7710 3-Hydroxycarbofuran
7010 Aldicarb (Temik)
7015 Aldicarb sulfone
7020 Aldicarb sulfoxide
7080 Barban
7195 Carbaryl (Sevin)
7205 Carbofuran (Furaden)
7275 Chloropropham
7395 Demeton-o
7385 Demeton-s
8625 Disulfoton
7505 Diuron
7765 Linuron (Lorox)
7795 Methamidophos
7800 Methiocarb (Mesurol)
7805 Methomyl (Lannate)
7940 Oxamyl
8080 Propoxur (Baygon)

EPA 8321B

10189205

Solvent Extractable non-volatile compounds by HPLC/TS/MS

7710 3-Hydroxycarbofuran
7010 Aldicarb (Temik)
7015 Aldicarb sulfone
7020 Aldicarb sulfoxide
7080 Barban



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Environmental Laboratory Accreditation Program

ORELAP Fields of Accreditation

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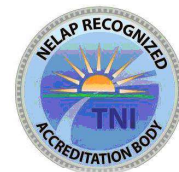
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Solids	EPA 8321B	7195	Carbaryl (Sevin)		
		7205	Carbofuran (Furaden)		
		7275	Chloropropham		
		7505	Diuron		
		7765	Linuron (Lorox)		
		7800	Methiocarb (Mesuro)		
		7805	Methomyl (Lannate)		
		7940	Oxamyl		
		8080	Propoxur (Baygon)		
	EPA 9012A			10193405	Total and Amenable Cyanide (automated colorimetric with off-line distillation)
		1645	Total cyanide		
	EPA 9012B			10243206	Total and Amenable Cyanide (automated colorimetric with off-line distillation)
		1645	Total cyanide		
	EPA 9040B			10197203	pH Electrometric Measurement
		1900	pH		
	EPA 9040C			10244403	pH Electrometric Measurement
		1900	pH		
	EPA 9045C			10198400	Soil and Waste pH
		1900	pH		
	EPA 9045D			10244607	Soil and Waste pH
		1900	pH		
	EPA 9071B			10201602	Oil and Grease Extraction Method for sludge and sediment samples
		1860	Oil & Grease		
	EPA 9214			10206403	Potentiometric Determination of Fluoride in Aqueous Samples with Ion-Selective Electrode
		1730	Fluoride		
	NWTPH-GX (GC/MS)			90018658	Oregon DEQ TPH Gasoline Range Organics by GC/MS Purge & Trap
		9408	Gasoline range organics (GRO)		
	SM 2320 B 22nd Ed			20045414	Alkalinity by Titration
		1505	Alkalinity as CaCO ₃		
	SM 2510 B 22nd Ed			20048413	Conductivity by Probe
		1610	Conductivity		
	SM 5210 B 22nd Ed			20135017	Biochemical Oxygen Demand (BOD) 5-Day
		1530	Biochemical oxygen demand		



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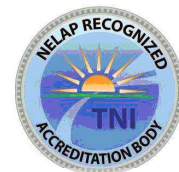
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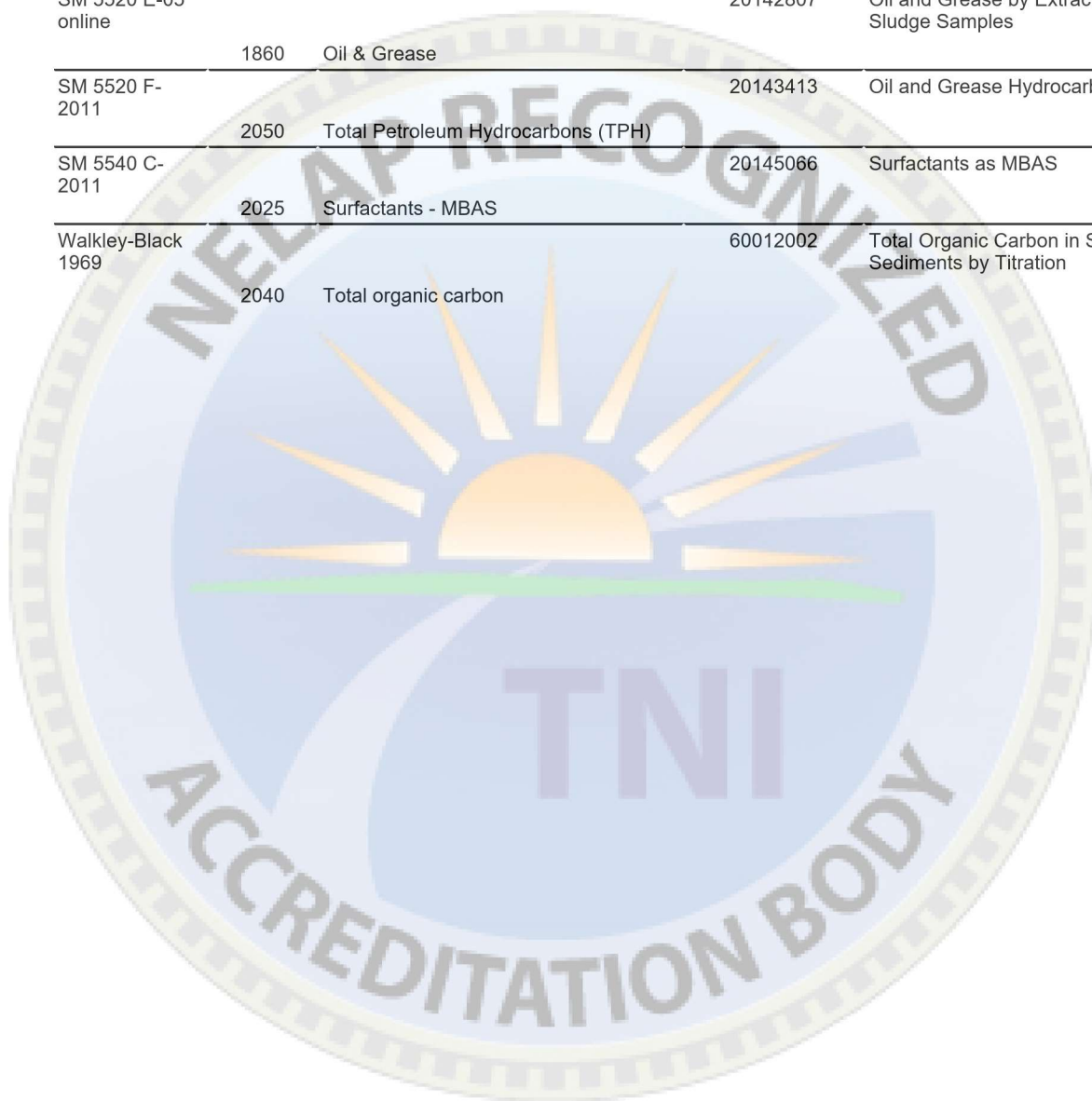
Fresno, CA 93706

Issue Date: 1/30/2019 Expiration Date: 1/29/2020



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Solids	SM 5520 E-05 online	20142807	Oil and Grease by Extraction Method for Sludge Samples
	1860 Oil & Grease		
	SM 5520 F- 2011	20143413	Oil and Grease Hydrocarbons
	2050 Total Petroleum Hydrocarbons (TPH)		
	SM 5540 C- 2011	20145066	Surfactants as MBAS
	2025 Surfactants - MBAS		
	Walkley-Black 1969	60012002	Total Organic Carbon in Soils and Sediments by Titration
	2040 Total organic carbon		





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:

BSK Associates
1414 Stanislaus Street
Fresno, CA 93706

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: CA00079

Method Name	Status	Date
SM 5310 C	Authorized	12/23/2016
EPA 300.1	Authorized	12/23/2016
EPA 300.0 (Rev. 2.1)	Authorized	12/23/2016

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



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:

BSK Associates
1414 Stanislaus St
Fresno, CA 93706

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: CA00079

Method Name	Status	Date
EPA 200.8	Approved	2/6/2017
EPA 525.3	Approved	4/3/2017
EPA 530	Approved	2/6/2017
EPA 541	Approved	2/6/2017
EPA 544	Approved	4/3/2017
EPA 545	Approved	4/3/2017
EPA 546	Approved	6/19/2017
EPA 552.3	Approved	4/3/2017
EPA 557	Approved	6/19/2017

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:

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USEPA, Technical Support Center
26 W. Martin Luther King Drive (MS 140)
Cincinnati, OH 45268
UCMR_Lab_Approval@epa.gov



**CALIFORNIA STATE
ENVIRONMENTAL LABORATORY ACCREDITATION PROGRAM
Accredited Fields of Testing**



Aquatic Bioassay & Consulting Laboratories, Inc.

29 North Olive Street
Ventura, CA 93001
Phone: (805) 643-5621

Certificate No. 1907
Expiration Date 7/31/2018
INTERIM

Field of Testing: 113 - Whole Effluent Toxicity of Wastewater

113.010	001A	Fathead Minnow (<i>P. promelas</i>)	EPA 600/4-90/027F, Static	Interim
113.010	001B	Fathead Minnow (<i>P. promelas</i>)	EPA 600/4-90/027F, Static Renewal	Interim
113.010	003A	Rainbow trout (<i>O. mykiss</i>)	EPA 600/4-90/027F, Static	Interim
113.010	003B	Rainbow trout (<i>O. mykiss</i>)	EPA 600/4-90/027F, Static Renewal	Interim
113.010	005A	Daphnid (<i>C. dubia</i>)	EPA 600/4-90/027F, Static	Interim
113.010	005B	Daphnid (<i>C. dubia</i>)	EPA 600/4-90/027F, Static Renewal	Interim
113.010	006A	Daphnia spp.	EPA 600/4-90/027F, Static	Interim
113.010	006B	Daphnia spp.	EPA 600/4-90/027F, Static Renewal	Interim
113.010	008A	Topsmelt (<i>A. affinis</i>)	EPA 600/4-90/027F, Static	Interim
113.010	008B	Topsmelt (<i>A. affinis</i>)	EPA 600/4-90/027F, Static Renewal	Interim
113.010	009A	Silverside (<i>Menidia</i> spp.)	EPA 600/4-90/027F, Static	Interim
113.010	009B	Silverside (<i>Menidia</i> spp.)	EPA 600/4-90/027F, Static Renewal	Interim
113.010	012A	Mysid (<i>M. bahia</i>)	EPA 600/4-90/027F, Static	Interim
113.010	012B	Mysid (<i>M. bahia</i>)	EPA 600/4-90/027F, Static Renewal	Interim
113.021	001A	Fathead Minnow (<i>P. promelas</i>)	EPA 2000 (EPA-821-R-02-012), Static	Interim
113.021	001B	Fathead Minnow (<i>P. promelas</i>)	EPA 2000 (EPA-821-R-02-012), Static Renewal	Interim
113.022	003A	Rainbow trout (<i>O. mykiss</i>)	EPA 2019 (EPA-821-R-02-012), Static	Interim
113.022	003B	Rainbow trout (<i>O. mykiss</i>)	EPA 2019 (EPA-821-R-02-012), Static Renewal	Interim
113.025	009A	Silverside (<i>Menidia</i> spp.)	EPA 2006 (EPA-821-R-02-012), Static	Interim
113.025	009B	Silverside (<i>Menidia</i> spp.)	EPA 2006 (EPA-821-R-02-012), Static Renewal	Interim
113.027	012A	Mysid (<i>M. bahia</i>)	EPA 2007 (EPA-821-R-02-012), Static	Interim
113.027	012B	Mysid (<i>M. bahia</i>)	EPA 2007 (EPA-821-R-02-012), Static Renewal	Interim
113.028	008A	Topsmelt (<i>A. affinis</i>)	EPA-821-R-02-012, Static	Interim
113.028	008B	Topsmelt (<i>A. affinis</i>)	EPA-821-R-02-012, Static Renewal	Interim
113.029	001A	Hyalella spp.	EPA-821-R-02-012, Static	Interim
113.029	001B	Hyalella spp.	EPA-821-R-02-012, Static Renewal	Interim
113.040	001	Fathead Minnow (<i>P. promelas</i>)	EPA 1000 (EPA/600/4-91/002)	Interim
113.041	001	Fathead Minnow (<i>P. promelas</i>)	EPA 1000 (EPA-821-R-02-013)	Interim
113.050	005	Daphnid (<i>C. dubia</i>)	EPA 1002 (EPA/600/4-91/002)	Interim
113.051	005	Daphnid (<i>C. dubia</i>)	EPA 1002 (EPA-821-R-02-013)	Interim
113.060	020	Green algae (<i>S. capricornutum</i>)	EPA 1003 (EPA/600/4-91/002)	Interim
113.061	020	Green algae (<i>S. capricornutum</i>)	EPA 1003 (EPA-821-R-02-013)	Interim
113.080	009	Silverside (<i>Menidia</i> spp.)	EPA 1006 (EPA/600/4-91/003)	Interim
113.081	009	Silverside (<i>Menidia</i> spp.)	EPA 1006 (EPA-821-R-02-014)	Interim
113.090	012	Mysid (<i>M. bahia</i>)	EPA 1007 (EPA/600/4-91/003)	Interim
113.091	012	Mysid (<i>M. bahia</i>)	EPA 1007 (EPA-821-R-02-014)	Interim
113.120	008	Topsmelt (<i>A. affinis</i>)	EPA 600/R-95/136	Interim
113.120	014	Pacific oyster (<i>C. gigas</i>)	EPA 600/R-95/136	Interim

113.120	015D	Sand dollar (<i>D. excentricus</i>)	EPA 600/R-95/136, Fertilization Test	Interim
113.120	017D	Purple sea urchin (<i>S. purpuratus</i>)	EPA 600/R-95/136, Fertilization Test	Interim
113.120	017E	Purple sea urchin (<i>S. purpuratus</i>)	EPA 600/R-95/136, Development Test	Interim
113.120	019	Mussels (<i>Mytilus</i> spp.)	EPA 600/R-95/136	Interim
113.120	022	Giant kelp (<i>M. pyrifera</i>)	EPA 600/R-95/136	Interim
113.120	023	Red abalone (<i>H. rufescens</i>)	EPA 600/R-95/136	Interim
113.170	027	Midge (<i>C. tentans</i>)	EPA 600/R-99/064, EPA 100.2	Interim
113.210	030	Amphipod (<i>E. estuarius</i>)	EPA 600/R-94/025, EPA 100.4	Interim

Field of Testing: 119 - Toxicity Bioassay of Hazardous Waste

119.010	001	Fathead Minnow (<i>P. promelas</i>)	Polisini & Miller (CDFG 1988)	Interim
119.010	003	Rainbow trout (<i>O. mykiss</i>)	Polisini & Miller (CDFG 1988)	Interim
119.050	030	Amphipod (<i>E. estuarius</i>)	EPA 100.4	Interim

Field of Testing: 126 - Microbiology of Recreational Water

126.010	001	Total Coliform (Enumeration)	SM9221B,C-2006	
126.030	001	Fecal Coliform (Enumeration)	SM9221B,E-2006	
126.050	001	Total Coliform (Enumeration)	SM9223B (Colilert/Quanti-Tray)	
126.050	002	<i>E. coli</i> (Enumeration)	SM9223B (Colilert/Quanti-Tray)	
126.080	001	Enterococci	Enterolert	