



Department of Administration
Purchasing Division
2019 Washington Street East
Post Office Box 50130
Charleston, WV 25305-0130

State of West Virginia
Centralized Request for Quote
Service - Prof

Proc Folder: 1506015	Reason for Modification: Addendum #3 is issued to publish agency responses to all vendor submitted questions.		
Doc Description: Inorganic and Organic Analysis Services			
Proc Type: Central Master Agreement			
Date Issued	Solicitation Closes	Solicitation No	Version
2025-02-07	2025-02-18 13:30	CRFQ 0313 DEP2500000012	4

BID RECEIVING LOCATION

BID CLERK
DEPARTMENT OF ADMINISTRATION
PURCHASING DIVISION
2019 WASHINGTON ST E
CHARLESTON WV 25305
US

RECEIVED
2025 FEB 18 AM 9:07

WV PURCHASING
DIVISION

VENDOR

Vendor Customer Code:

Vendor Name : ALS Group USA, Corp dba ALS Environmental

Address :

Street : 1740 Union Carbide Drive

City : South Charleston

State : WV

Country : US

Zip : 25303

Principal Contact : Rebecca Kiser

Vendor Contact Phone: 304-915-2310

Extension:

FOR INFORMATION CONTACT THE BUYER

Joseph E Hager III
(304) 558-2306
joseph.e.hageriii@wv.gov

**Vendor
Signature X**

Rebecca Kiser

FEIN#

76-0606679

DATE

02.18.25

All offers subject to all terms and conditions contained in this solicitation

ADDITIONAL INFORMATION

The West Virginia Purchasing Division is soliciting bids on behalf of the West Virginia Department of Environmental Protection to establish an open-end contract for Inorganic and Organic Analysis Services per the attached specifications and terms and conditions.

INVOICE TO

VARIOUS AGENCY
LOCATIONS
AS INDICATED BY ORDER

No City WV
US

SHIP TO

VARIOUS AGENCY
LOCATIONS
AS INDICATED BY ORDER

No City WV
US

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Total Price
1	Sampling services				

Comm Code**Manufacturer****Specification****Model #**

81102600

Extended Description:

Analysis Services as outlined on the attached bid sheet. See Exhibit C.

SCHEDULE OF EVENTS

<u>Line</u>	<u>Event</u>	<u>Event Date</u>
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	Document Phase	Document Description	Page 3
DEP2500000012	Final	Inorganic and Organic Analysis Services	

ADDITIONAL TERMS AND CONDITIONS

See attached document(s) for additional Terms and Conditions

ADDENDUM ACKNOWLEDGEMENT FORM
SOLICITATION NO.: CRFQ DEP25*12

Instructions: Please acknowledge receipt of all addenda issued with this solicitation by completing this addendum acknowledgment form. Check the box next to each addendum received and sign below. Failure to acknowledge addenda may result in bid disqualification.

Acknowledgment: I hereby acknowledge receipt of the following addenda and have made the necessary revisions to my proposal, plans and/or specification, etc.

Addendum Numbers Received:

(Check the box next to each addendum received)

<input checked="" type="checkbox"/> Addendum No. 1	<input type="checkbox"/> Addendum No. 6
<input checked="" type="checkbox"/> Addendum No. 2	<input type="checkbox"/> Addendum No. 7
<input checked="" type="checkbox"/> Addendum No. 3	<input type="checkbox"/> Addendum No. 8
<input type="checkbox"/> Addendum No. 4	<input type="checkbox"/> Addendum No. 9
<input type="checkbox"/> Addendum No. 5	<input type="checkbox"/> Addendum No. 10

I understand that failure to confirm the receipt of addenda may be cause for rejection of this bid. I further understand that any verbal representation made or assumed to be made during any oral discussion held between Vendor's representatives and any state personnel is not binding. Only the information issued in writing and added to the specifications by an official addendum is binding.

ALS Environmental

Company

Burton Hsu

Authorized Signature

02.18.2025

Date

NOTE: This addendum acknowledgment should be submitted with the bid to expedite document processing.
Revised 6/8/2012

INSTRUCTIONS TO VENDORS SUBMITTING BIDS

1. **REVIEW DOCUMENTS THOROUGHLY:** The attached documents contain a solicitation for bids. Please read these instructions and all documents attached in their entirety. These instructions provide critical information about requirements that if overlooked could lead to disqualification of a Vendor's bid. All bids must be submitted in accordance with the provisions contained in these instructions and the Solicitation. Failure to do so may result in disqualification of Vendor's bid.

2. **MANDATORY TERMS:** The Solicitation may contain **mandatory** provisions identified by the use of the words "**must**," "**will**," and "**shall**." Failure to comply with a mandatory term in the Solicitation will result in bid disqualification.

3. **PRE-BID MEETING:** The item identified below shall apply to this Solicitation.

☒ A pre-bid meeting will not be held prior to bid opening

☐ A **MANDATORY PRE-BID** meeting will be held at the following place and time:

All Vendors submitting a bid must attend the **mandatory** pre-bid meeting. Failure to attend the **mandatory** pre-bid meeting shall result in disqualification of the Vendor's bid. No one individual is permitted to represent more than one vendor at the pre-bid meeting. Any individual that does attempt to represent two or more vendors will be required to select one vendor to which the individual's attendance will be attributed. The vendors not selected will be deemed to have not attended the pre-bid meeting unless another individual attended on their behalf.

An attendance sheet provided at the pre-bid meeting shall serve as the official document verifying attendance. Any person attending the pre-bid meeting on behalf of a Vendor must list on the attendance sheet his or her name and the name of the Vendor he or she is representing. It is the Vendor's responsibility to locate the attendance sheet and provide the required information. Failure to complete the attendance sheet as required may result in disqualification of Vendor's bid.

Vendors who arrive after the starting time but prior to the end of the pre-bid will be permitted to sign in but are charged with knowing all matters discussed at the pre-bid.

Any discussions or answers to questions at the pre-bid meeting are preliminary in nature and are non-binding. Official and binding answers to questions will be published in a written addendum to the Solicitation prior to bid opening.

4. VENDOR QUESTION DEADLINE: Vendors may submit questions relating to this Solicitation to the Purchasing Division. Questions must be submitted in writing. All questions **must be submitted on or before the date listed below and to the address listed below to be considered.** A written response will be published in a Solicitation addendum if a response is possible and appropriate. Non-written discussions, conversations, or questions and answers regarding this Solicitation are preliminary in nature and are non-binding.

Submitted emails should have the solicitation number in the subject line. Question

Submission Deadline: 1/17/2025 @ 4:00 PM ET

Submit Questions to: Josh Hager
2019 Washington Street, East Charleston, WV 25305
Fax: (304) 558-3970
Email: Joseph.E.HagerIII@wv.gov

5. VERBAL COMMUNICATION: Any verbal communication between the Vendor and any State personnel is not binding, including verbal communication at the mandatory pre-bid conference. Only information issued in writing and added to the Solicitation by an official written addendum by the Purchasing Division is binding.

6. BID SUBMISSION: All bids must be submitted on or before the date and time of the bid opening listed in section 7 below. Vendors can submit bids electronically through wvOASIS, in paper form delivered to the Purchasing Division at the address listed below either in person or by courier, or in facsimile form by faxing to the Purchasing Division at the number listed below. Notwithstanding the foregoing, the Purchasing Division may prohibit the submission of bids electronically through wvOASIS at its sole discretion. Such a prohibition will be contained and communicated in the wvOASIS system resulting in the Vendor's inability to submit bids through wvOASIS. The Purchasing Division will not accept bids or modification of bids via email.

Bids submitted in paper, facsimile, or via wvOASIS must contain a signature. Failure to submit a bid in any form without a signature will result in rejection of your bid.

A bid submitted in paper or facsimile form should contain the information listed below on the face of the submission envelope or fax cover sheet. Otherwise, the bid may be rejected by the Purchasing Division.

VENDOR NAME:

BUYER: Josh Hager

SOLICITATION NO.: CRFQ 0313 DEP2500000012

BID OPENING DATE: see section 7

BID OPENING TIME: see section 7

FAX NUMBER: 304-558-3970

Any bid received by the Purchasing Division staff is considered to be in the possession of the Purchasing Division and will not be returned for any reason.

Bid Delivery Address and Fax Number:

Department of Administration, Purchasing Division 2019 Washington Street East

Charleston, WV 25305-0130

Fax: 304-558-3970

7. BID OPENING: Bids submitted in response to this Solicitation will be opened at the location identified below on the date and time listed below. Delivery of a bid after the bid opening date and time will result in bid disqualification. For purposes of this Solicitation, a bid is considered delivered when confirmation of delivery is provided by wvOASIS (in the case of electronic submission) or when the bid is time stamped by the official Purchasing Division time clock (in the case of hand delivery or via delivery by mail).

Bid Opening Date and Time: 1/28/2025 @ 1:30 PM ET

Bid Opening Location:

Department of Administration, Purchasing Division

2019 Washington Street East

Charleston, WV 25305-0130

8. ADDENDUM ACKNOWLEDGEMENT: Changes or revisions to this Solicitation will be made by an official written addendum issued by the Purchasing Division. Vendor should acknowledge receipt of all addenda issued with this Solicitation by completing an Addendum Acknowledgement Form. Failure to acknowledge addenda may result in bid disqualification. The addendum acknowledgement should be submitted with the bid to expedite document processing.

9. **BID FORMATTING:** Vendor should type or electronically enter the information onto its bid to prevent errors in the evaluation. Failure to type or electronically enter the information may result in bid disqualification.

10. **ALTERNATE MODEL OR BRAND:** Unless the box below is checked, any model, brand, or specification listed in this Solicitation establishes the acceptable level of quality only and is not intended to reflect a preference for, or in any way favor, a particular brand or vendor. Vendors may bid alternates to a listed model or brand provided that the alternate is at least equal to the model or brand and complies with the required specifications. The equality of any alternate being bid shall be determined by the State at its sole discretion. Any Vendor bidding an alternate model or brand **shall** clearly identify the alternate items in its bid and should include manufacturer's specifications, industry literature, and/or any other relevant documentation demonstrating the equality of the alternate items. Failure to provide information for alternate items **may** be grounds for rejection of a Vendor's bid.

☐ This Solicitation is based upon a standardized commodity established under W. Va. Code § 5A-3-61. Vendors are expected to bid the standardized commodity identified. Failure to bid the standardized commodity will result in your firm's bid being rejected.

11. **COMMUNICATION LIMITATIONS:** In accordance with West Virginia Code of State Rules §148-1-6.6.2, communication with the State of West Virginia or any of its employees regarding this Solicitation during the solicitation, bid, evaluation or award periods, except through the Purchasing Division, is strictly prohibited without prior Purchasing Division approval. Purchasing Division approval for such communication is implied for all agency delegated and exempt purchases.

12. **REGISTRATION:** Prior to Contract award, the apparent successful Vendor **must** be properly registered with the West Virginia Purchasing Division and must have paid the \$125 fee, if applicable.

13. **UNIT PRICE:** Unit prices **shall** prevail in cases of a discrepancy in the Vendor's bid.

14. **PREFERENCE:** Vendor Preference may be requested in purchases of motor vehicles or construction and maintenance equipment and machinery used in highway and other infrastructure projects. Any request for preference must be submitted in writing with the bid, must specifically identify the preference requested with reference to the applicable subsection of West Virginia Code § 5A-3-37, and must include with the bid any information necessary to evaluate and confirm the applicability of the requested preference. A request form to help facilitate the request can be found at: www.state.wv.us/admin/purchase/vrc/Venpref.pdf.

15A. RECIPROCAL PREFERENCE: The State of West Virginia applies a reciprocal preference to all solicitations for commodities and printing in accordance with W. Va. Code § 5A-3-37(b). In effect, non-resident vendors receiving a preference in their home states, will see that same preference granted to West Virginia resident vendors bidding against them in West Virginia. Any request for reciprocal preference must include with the bid any information necessary to evaluate and confirm the applicability of the preference. A request form to help facilitate the request can be found at: www.state.wv.us/admin/purchase/vrc/Venpref.pdf.

15. SMALL, WOMEN-OWNED, OR MINORITY-OWNED BUSINESSES:

For any solicitations publicly advertised for bid, in accordance with West Virginia Code §5A-3-37 and W. Va. CSR § 148-22-9, any non-resident vendor certified as a small, women-owned, or minority-owned business under W. Va. CSR § 148-22-9 shall be provided the same preference made available to any resident vendor. Any non-resident small, women-owned, or minority-owned business must identify itself as such in writing, must submit that writing to the Purchasing Division with its bid, and must be properly certified under W. Va. CSR § 148-22-9 prior to contract award to receive the preferences made available to resident vendors.

16. WAIVER OF MINOR IRREGULARITIES: The Director reserves the right to waive minor irregularities in bids or specifications in accordance with West Virginia Code of State Rules § 148-1-4.7.

17. ELECTRONIC FILE ACCESS RESTRICTIONS: Vendor must ensure that its submission in *wvOASIS* can be accessed and viewed by the Purchasing Division staff immediately upon bid opening. The Purchasing Division will consider any file that cannot be immediately accessed and viewed at the time of the bid opening (such as, encrypted files, password protected files, or incompatible files) to be blank or incomplete as context requires and are therefore unacceptable. A vendor will not be permitted to unencrypt files, remove password protections, or resubmit documents after bid opening to make a file viewable if those documents are required with the bid. A Vendor may be required to provide document passwords or remove access restrictions to allow the Purchasing Division to print or electronically save documents provided that those documents are viewable by the Purchasing Division prior to obtaining the password or removing the access restriction.

18. NON-RESPONSIBLE: The Purchasing Division Director reserves the right to reject the bid of any vendor as Non-Responsible in accordance with W. Va. Code of State Rules § 148-1- 5.3, when the Director determines that the vendor submitting the bid does not have the capability to fully perform or lacks the integrity and reliability to assure good-faith performance.”

19. ACCEPTANCE/REJECTION: The State may accept or reject any bid in whole, or in part in accordance with W. Va. Code of State Rules § 148-1-4.6. and § 148-1-6.3.”

20. WITH THE BID REQUIREMENTS: In instances where these specifications require documentation or other information with the bid, and a vendor fails to provide it with the bid, the Director of the Purchasing Division reserves the right to request those items after bid opening and prior to contract award pursuant to the authority to waive minor irregularities in bids or specifications under W. Va. CSR § 148-1-4.7. This authority does not apply to instances where state law mandates receipt with the bid.

21. EMAIL NOTIFICATION OF AWARD: The Purchasing Division will attempt to provide bidders with e-mail notification of contract award when a solicitation that the bidder participated in has been awarded. For notification purposes, bidders must provide the Purchasing Division with a valid email address in the bid response. Bidders may also monitor wvOASIS or the Purchasing Division's website to determine when a contract has been awarded.

22. EXCEPTIONS AND CLARIFICATIONS: The Solicitation contains the specifications that **shall** form the basis of a contractual agreement. **Vendor shall clearly mark any exceptions, clarifications, or other proposed modifications in its bid.** Exceptions to, clarifications of, or modifications of a requirement or term and condition of the Solicitation may result in bid disqualification.

GENERAL TERMS AND CONDITIONS:

1. CONTRACTUAL AGREEMENT: Issuance of an Award Document signed by the Purchasing Division Director, or his designee, and approved as to form by the Attorney General's office constitutes acceptance by the State of this Contract made by and between the State of West Virginia and the Vendor. Vendor's signature on its bid, or on the Contract if the Contract is not the result of a bid solicitation, signifies Vendor's agreement to be bound by and accept the terms and conditions contained in this Contract.

2. DEFINITIONS: As used in this Solicitation/Contract, the following terms shall have the meanings attributed to them below. Additional definitions may be found in the specifications included with this Solicitation/Contract.

2.1. "Agency" or "Agencies" means the agency, board, commission, or other entity of the State of West Virginia that is identified on the first page of the Solicitation or any other public entity seeking to procure goods or services under this Contract.

2.2. "Bid" or "Proposal" means the vendors submitted response to this solicitation.

2.3. "Contract" means the binding agreement that is entered into between the State and the Vendor to provide the goods or services requested in the Solicitation.

2.4. "Director" means the Director of the West Virginia Department of Administration, Purchasing Division.

2.5. "Purchasing Division" means the West Virginia Department of Administration, Purchasing Division.

2.6. "Award Document" means the document signed by the Agency and the Purchasing Division, and approved as to form by the Attorney General, that identifies the Vendor as the contract holder.

2.7. "Solicitation" means the official notice of an opportunity to supply the State with goods or services that is published by the Purchasing Division.

2.8. "State" means the State of West Virginia and/or any of its agencies, commissions, boards, etc. as context requires.

2.9. "Vendor" or "Vendors" means any entity submitting a bid in response to the Solicitation, the entity that has been selected as the lowest responsible bidder, or the entity that has been awarded the Contract as context requires.

3. CONTRACT TERM; RENEWAL; EXTENSION: The term of this Contract shall be determined in accordance with the category that has been identified as applicable to this Contract below:

☒ **Term Contract**

Initial Contract Term: The Initial Contract Term will be for a period of One (1) Year. The Initial Contract Term becomes effective on the effective start date listed on the first page of this Contract, identified as the State of West Virginia contract cover page containing the signatures of the Purchasing Division, Attorney General, and Encumbrance clerk (or another page identified as _____), and the Initial Contract Term ends on the effective end date also shown on the first page of this Contract.

Renewal Term: This Contract may be renewed upon the mutual written consent of the Agency, and the Vendor, with approval of the Purchasing Division and the Attorney General's office (Attorney General approval is as to form only). Any request for renewal should be delivered to the Agency and then submitted to the Purchasing Division thirty (30) days prior to the expiration date of the initial contract term or appropriate renewal term. A Contract renewal shall be in accordance with the terms and conditions of the original contract. Unless otherwise specified below, renewal of this Contract is limited to Three (3) successive one (1) year periods or multiple renewal periods of less than one year, provided that the multiple renewal periods do not exceed the total number of months available in all renewal years combined. Automatic renewal of this Contract is prohibited. Renewals must be approved by the Vendor, Agency, Purchasing Division and Attorney General's office (Attorney General approval is as to form only)

☐ **Alternate Renewal Term** – This contract may be renewed for _____ successive _____ year periods or shorter periods provided that they do not exceed the total number of months contained in all available renewals. Automatic renewal of this Contract is prohibited. Renewals must be approved by the Vendor, Agency, Purchasing Division and Attorney General's office (Attorney General approval is as to form only)

Delivery Order Limitations: In the event that this contract permits delivery orders, a delivery order may only be issued during the time this Contract is in effect. Any delivery order issued within one year of the expiration of this Contract shall be effective for one year from the date the delivery order is issued. No delivery order may be extended beyond one year after this Contract has expired.

☐ **Fixed Period Contract:** This Contract becomes effective upon Vendor's receipt of the notice to proceed and must be completed within _____ days.

☐ **Fixed Period Contract with Renewals:** This Contract becomes effective upon Vendor's receipt of the notice to proceed and part of the Contract more fully described in the attached specifications must be completed within _____ days. Upon completion of the work covered by the preceding sentence, the vendor agrees that:

☐ the contract will continue for _____ years;

☐ the contract may be renewed for _____ successive _____ year periods or shorter periods provided that they do not exceed the total number of months contained in all available renewals. Automatic renewal of this Contract is prohibited. Renewals must be approved by the Vendor, Agency, Purchasing Division and Attorney General's Office (Attorney General approval is as to form only).

☐ **One-Time Purchase:** The term of this Contract shall run from the issuance of the Award Document until all of the goods contracted for have been delivered, but in no event will this Contract extend for more than one fiscal year.

☐ **Construction/Project Oversight:** This Contract becomes effective on the effective start date listed on the first page of this Contract, identified as the State of West Virginia contract cover page containing the signatures of the Purchasing Division, Attorney General, and Encumbrance clerk (or another page identified as _____), and continues until the project for which the vendor is providing oversight is complete.

☐ **Other:** Contract Term specified in _____

4. AUTHORITY TO PROCEED: Vendor is authorized to begin performance of this contract on the date of encumbrance listed on the front page of the Award Document unless either the box for "Fixed Period Contract" or "Fixed Period Contract with Renewals" has been checked in Section 3 above. If either "Fixed Period Contract" or "Fixed Period Contract with Renewals" has been checked, Vendor must not begin work until it receives a separate notice to proceed from the State. The notice to proceed will then be incorporated into the Contract via change order to memorialize the official date that work commenced.

5. QUANTITIES: The quantities required under this Contract shall be determined in accordance with the category that has been identified as applicable to this Contract below.

☒ **Open End Contract:** Quantities listed in this Solicitation/Award Document are approximations only, based on estimates supplied by the Agency. It is understood and agreed that the Contract shall cover the quantities actually ordered for delivery during the term of the Contract, whether more or less than the quantities shown.

☐ **Service:** The scope of the service to be provided will be more clearly defined in the specifications included herewith.

☐ **Combined Service and Goods:** The scope of the service and deliverable goods to be provided will be more clearly defined in the specifications included herewith.

☐ **One-Time Purchase:** This Contract is for the purchase of a set quantity of goods that are identified in the specifications included herewith. Once those items have been delivered, no additional goods may be procured under this Contract without an appropriate change order approved by the Vendor, Agency, Purchasing Division, and Attorney General's office.

☐ **Construction:** This Contract is for construction activity more fully defined in the specifications.

6. EMERGENCY PURCHASES: The Purchasing Division Director may authorize the Agency to purchase goods or services in the open market that Vendor would otherwise provide under this Contract if those goods or services are for immediate or expedited delivery in an emergency. Emergencies shall include, but are not limited to, delays in transportation or an unanticipated increase in the volume of work. An emergency purchase in the open market, approved by the Purchasing Division Director, shall not constitute of breach of this Contract and shall not entitle the Vendor to any form of compensation or damages. This provision does not excuse the State from fulfilling its obligations under a One-Time Purchase contract.

7. REQUIRED DOCUMENTS: All of the items checked in this section must be provided to the Purchasing Division by the Vendor as specified:

☐ **LICENSE(S) / CERTIFICATIONS / PERMITS:** In addition to anything required under the Section of the General Terms and Conditions entitled Licensing, the apparent successful Vendor shall furnish proof of the following licenses, certifications, and/or permits upon request and in a form acceptable to the State. The request may be prior to or after contract award at the State's sole discretion.

☐☐☐☐

The apparent successful Vendor shall also furnish proof of any additional licenses or certifications contained in the specifications regardless of whether or not that requirement is listed above.

8. INSURANCE: The apparent successful Vendor shall furnish proof of the insurance identified by a checkmark below prior to Contract award. The insurance coverages identified below must be maintained throughout the life of this contract. Thirty (30) days prior to the expiration of the insurance policies, Vendor shall provide the Agency with proof that the insurance mandated herein has been continued. Vendor must also provide Agency with immediate notice of any changes in its insurance policies, including but not limited to, policy cancelation, policy reduction, or change in insurers. The apparent successful Vendor shall also furnish proof of any additional insurance requirements contained in the specifications prior to Contract award regardless of whether that insurance requirement is listed in this section.

Vendor must maintain:

☒ **Commercial General Liability Insurance** in at least an amount of: \$1,000,000.00 per occurrence.

☒ **Automobile Liability Insurance** in at least an amount of: \$1,000,000.00 per occurrence.

☐ **Professional/Malpractice/Errors and Omission Insurance** in at least an amount of: _____ per occurrence. Notwithstanding the forgoing, Vendor's are not required to list the State as an additional insured for this type of policy.

☐ **Commercial Crime and Third Party Fidelity Insurance** in an amount of: _____ per occurrence.

☐ **Cyber Liability Insurance** in an amount of: _____ per occurrence.

☐ **Builders Risk Insurance** in an amount equal to 100% of the amount of the Contract.

☐ **Pollution Insurance** in an amount of: _____ per occurrence.

☐ **Aircraft Liability** in an amount of: _____ per occurrence.

☐

☐

☐

☐

9. WORKERS' COMPENSATION INSURANCE: Vendor shall comply with laws relating to workers compensation, shall maintain workers' compensation insurance when required, and shall furnish proof of workers' compensation insurance upon request.

10. VENUE: All legal actions for damages brought by Vendor against the State shall be brought in the West Virginia Claims Commission. Other causes of action must be brought in the West Virginia court authorized by statute to exercise jurisdiction over it.

11. LIQUIDATED DAMAGES: This clause shall in no way be considered exclusive and shall not limit the State or Agency's right to pursue any other available remedy. Vendor shall pay liquidated damages in the amount specified below or as described in the specifications:

☐ _____ for _____.

☐ Liquidated Damages Contained in the Specifications.

☒ Liquidated Damages Are Not Included in this Contract.

12. ACCEPTANCE: Vendor's signature on its bid, or on the certification and signature page, constitutes an offer to the State that cannot be unilaterally withdrawn, signifies that the product or service proposed by vendor meets the mandatory requirements contained in the Solicitation for that product or service, unless otherwise indicated, and signifies acceptance of the terms and conditions contained in the Solicitation unless otherwise indicated.

13. PRICING: The pricing set forth herein is firm for the life of the Contract, unless specified elsewhere within this Solicitation/Contract by the State. A Vendor's inclusion of price adjustment provisions in its bid, without an express authorization from the State in the Solicitation to do so, may result in bid disqualification. Notwithstanding the foregoing, Vendor must extend any publicly advertised sale price to the State and invoice at the lower of the contract price or the publicly advertised sale price.

14. PAYMENT IN ARREARS: Payments for goods/services will be made in arrears only upon receipt of a proper invoice, detailing the goods/services provided or receipt of the goods/services, whichever is later. Notwithstanding the foregoing, payments for software maintenance, licenses, or subscriptions may be paid annually in advance.

15. PAYMENT METHODS: Vendor must accept payment by electronic funds transfer and P-Card. (The State of West Virginia's Purchasing Card program, administered under contract by a banking institution, processes payment for goods and services through state designated credit cards.)

16. TAXES: The Vendor shall pay any applicable sales, use, personal property or any other taxes arising out of this Contract and the transactions contemplated thereby. The State of West Virginia is exempt from federal and state taxes and will not pay or reimburse such taxes.

17. ADDITIONAL FEES: Vendor is not permitted to charge additional fees or assess additional charges that were not either expressly provided for in the solicitation published by the State of West Virginia, included in the Contract, or included in the unit price or lump sum bid amount that Vendor is required by the solicitation to provide. Including such fees or charges as notes to the solicitation may result in rejection of vendor's bid. Requesting such fees or charges be paid after the contract has been awarded may result in cancellation of the contract.

18. FUNDING: This Contract shall continue for the term stated herein, contingent upon funds being appropriated by the Legislature or otherwise being made available. In the event funds are not appropriated or otherwise made available, this Contract becomes void and of no effect beginning on July 1 of the fiscal year for which funding has not been appropriated or otherwise made available. If that occurs, the State may notify the Vendor that an alternative source of funding has been obtained and thereby avoid the automatic termination. Non-appropriation or non-funding shall not be considered an event of default.

19. CANCELLATION: The Purchasing Division Director reserves the right to cancel this Contract immediately upon written notice to the vendor if the materials or workmanship supplied do not conform to the specifications contained in the Contract. The Purchasing Division Director may also cancel any purchase or Contract upon 30 days written notice to the Vendor in accordance with West Virginia Code of State Rules § 148-1-5.2.b.

20. TIME: Time is of the essence regarding all matters of time and performance in this Contract.

21. APPLICABLE LAW: This Contract is governed by and interpreted under West Virginia law without giving effect to its choice of law principles. Any information provided in specification manuals, or any other source, verbal or written, which contradicts or violates the West Virginia Constitution, West Virginia Code, or West Virginia Code of State Rules is void and of no effect.

22. COMPLIANCE WITH LAWS: Vendor shall comply with all applicable federal, state, and local laws, regulations and ordinances. By submitting a bid, Vendor acknowledges that it has reviewed, understands, and will comply with all applicable laws, regulations, and ordinances.

SUBCONTRACTOR COMPLIANCE: Vendor shall notify all subcontractors providing commodities or services related to this Contract that as subcontractors, they too are required to comply with all applicable laws, regulations, and ordinances. Notification under this provision must occur prior to the performance of any work under the contract by the subcontractor.

23. ARBITRATION: Any references made to arbitration contained in this Contract, Vendor's bid, or in any American Institute of Architects documents pertaining to this Contract are hereby deleted, void, and of no effect.

24. MODIFICATIONS: This writing is the parties' final expression of intent. Notwithstanding anything contained in this Contract to the contrary no modification of this Contract shall be binding without mutual written consent of the Agency, and the Vendor, with approval of the Purchasing Division and the Attorney General's office (Attorney General approval is as to form only). Any change to existing contracts that adds work or changes contract cost, and were not included in the original contract, must be approved by the Purchasing Division and the Attorney General's Office (as to form) prior to the implementation of the change or commencement of work affected by the change.

25. WAIVER: The failure of either party to insist upon a strict performance of any of the terms or provision of this Contract, or to exercise any option, right, or remedy herein contained, shall not be construed as a waiver or a relinquishment for the future of such term, provision, option, right, or remedy, but the same shall continue in full force and effect. Any waiver must be expressly stated in writing and signed by the waiving party.

26. SUBSEQUENT FORMS: The terms and conditions contained in this Contract shall supersede any and all subsequent terms and conditions which may appear on any form documents submitted by Vendor to the Agency or Purchasing Division such as price lists, order forms, invoices, sales agreements, or maintenance agreements, and includes internet websites or other electronic documents. Acceptance or use of Vendor's forms does not constitute acceptance of the terms and conditions contained thereon.

27. ASSIGNMENT: Neither this Contract nor any monies due, or to become due hereunder, may be assigned by the Vendor without the express written consent of the Agency, the Purchasing Division, the Attorney General's office (as to form only), and any other government agency or office that may be required to approve such assignments.

28. WARRANTY: The Vendor expressly warrants that the goods and/or services covered by this Contract will: (a) conform to the specifications, drawings, samples, or other description furnished or specified by the Agency; (b) be merchantable and fit for the purpose intended; and (c) be free from defect in material and workmanship.

29. STATE EMPLOYEES: State employees are not permitted to utilize this Contract for personal use and the Vendor is prohibited from permitting or facilitating the same.

30. PRIVACY, SECURITY, AND CONFIDENTIALITY: The Vendor agrees that it will not disclose to anyone, directly or indirectly, any such personally identifiable information or other confidential information gained from the Agency, unless the individual who is the subject of the information consents to the disclosure in writing or the disclosure is made pursuant to the Agency's policies, procedures, and rules. Vendor further agrees to comply with the Confidentiality Policies and Information Security Accountability Requirements, set forth in www.state.wv.us/admin/purchase/privacy.

31. YOUR SUBMISSION IS A PUBLIC DOCUMENT: Vendor's entire response to the Solicitation and the resulting Contract are public documents. As public documents, they will be disclosed to the public following the bid/proposal opening or award of the contract, as required by the competitive bidding laws of West Virginia Code §§ 5A-3-1 et seq., 5-22-1 et seq., and 5G-1-1 et seq. and the Freedom of Information Act West Virginia Code §§ 29B-1-1 et seq.

DO NOT SUBMIT MATERIAL YOU CONSIDER TO BE CONFIDENTIAL, A TRADE SECRET, OR OTHERWISE NOT SUBJECT TO PUBLIC DISCLOSURE.

Submission of any bid, proposal, or other document to the Purchasing Division constitutes your explicit consent to the subsequent public disclosure of the bid, proposal, or document. The Purchasing Division will disclose any document labeled "confidential," "proprietary," "trade secret," "private," or labeled with any other claim against public disclosure of the documents, to include any "trade secrets" as defined by West Virginia Code § 47-22-1 et seq. All submissions are subject to public disclosure without notice.

32. LICENSING: In accordance with West Virginia Code of State Rules § 148-1-6.1.e, Vendor must be licensed and in good standing in accordance with any and all state and local laws and requirements by any state or local agency of West Virginia, including, but not limited to, the West Virginia Secretary of State's Office, the West Virginia Tax Department, West Virginia Insurance Commission, or any other state agency or political subdivision. Obligations related to political subdivisions may include, but are not limited to, business licensing, business and occupation taxes, inspection compliance, permitting, etc. Upon request, the Vendor must provide all necessary releases to obtain information to enable the Purchasing Division Director or the Agency to verify that the Vendor is licensed and in good standing with the above entities.

SUBCONTRACTOR COMPLIANCE: Vendor shall notify all subcontractors providing commodities or services related to this Contract that as subcontractors, they too are required to be licensed, in good standing, and up-to-date on all state and local obligations as described in this section. Obligations related to political subdivisions may include, but are not limited to, business licensing, business and occupation taxes, inspection compliance, permitting, etc. Notification under this provision must occur prior to the performance of any work under the contract by the subcontractor.

33. ANTITRUST: In submitting a bid to, signing a contract with, or accepting a Award Document from any agency of the State of West Virginia, the Vendor agrees to convey, sell, assign, or transfer to the State of West Virginia all rights, title, and interest in and to all causes of action it may now or hereafter acquire under the antitrust laws of the United States and the State of West Virginia for price fixing and/or unreasonable restraints of trade relating to the particular commodities or services purchased or acquired by the State of West Virginia. Such assignment shall be made and become effective at the time the purchasing agency tenders the initial payment to Vendor.

34. VENDOR NON-CONFLICT: Neither Vendor nor its representatives are permitted to have any interest, nor shall they acquire any interest, direct or indirect, which would compromise the performance of its services hereunder. Any such interests shall be promptly presented in detail to the Agency.

35. VENDOR RELATIONSHIP: The relationship of the Vendor to the State shall be that of an independent contractor and no principal-agent relationship or employer-employee relationship is contemplated or created by this Contract. The Vendor as an independent contractor is solely liable for the acts and omissions of its employees and agents. Vendor shall be responsible for selecting, supervising, and compensating any and all individuals employed pursuant to the terms of this Solicitation and resulting contract. Neither the Vendor, nor any employees or subcontractors of the Vendor, shall be deemed to be employees of the State for any purpose whatsoever. Vendor shall be exclusively responsible for payment of employees and contractors for all wages and salaries, taxes, withholding payments, penalties, fees, fringe benefits, professional liability insurance premiums, contributions to insurance and pension, or other deferred compensation plans, including but not limited to, Workers' Compensation and Social Security obligations, licensing fees, etc. and the filing of all necessary documents, forms, and returns pertinent to all of the foregoing.

Vendor shall hold harmless the State, and shall provide the State and Agency with a defense against any and all claims including, but not limited to, the foregoing payments, withholdings, contributions, taxes, Social Security taxes, and employer income tax returns.

36. INDEMNIFICATION: The Vendor agrees to indemnify, defend, and hold harmless the State and the Agency, their officers, and employees from and against: (1) Any claims or losses for services rendered by any subcontractor, person, or firm performing or supplying services, materials, or supplies in connection with the performance of the Contract; (2) Any claims or losses resulting to any person or entity injured or damaged by the Vendor, its officers, employees, or subcontractors by the publication, translation, reproduction, delivery, performance, use, or disposition of any data used under the Contract in a manner not authorized by the Contract, or by Federal or State statutes or regulations; and (3) Any failure of the Vendor, its officers, employees, or subcontractors to observe State and Federal laws including, but not limited to, labor and wage and hour laws.

37. NO DEBT CERTIFICATION: In accordance with West Virginia Code §§ 5A-3-10a and 5-22-1(i), the State is prohibited from awarding a contract to any bidder that owes a debt to the State or a political subdivision of the State. By submitting a bid, or entering into a contract with the State, Vendor is affirming that (1) for construction contracts, the Vendor is not in default on any monetary obligation owed to the state or a political subdivision of the state, and (2) for all other contracts, neither the Vendor nor any related party owe a debt as defined above, and neither the Vendor nor any related party are in employer default as defined in the statute cited above unless the debt or employer default is permitted under the statute.

38. CONFLICT OF INTEREST: Vendor, its officers or members or employees, shall not presently have or acquire an interest, direct or indirect, which would conflict with or compromise the performance of its obligations hereunder. Vendor shall periodically inquire of its officers, members and employees to ensure that a conflict of interest does not arise. Any conflict of interest discovered shall be promptly presented in detail to the Agency.

39. REPORTS: Vendor shall provide the Agency and/or the Purchasing Division with the following reports identified by a checked box below:

☒ Such reports as the Agency and/or the Purchasing Division may request. Requested reports may include, but are not limited to, quantities purchased, agencies utilizing the contract, total contract expenditures by agency, etc.

☐ Quarterly reports detailing the total quantity of purchases in units and dollars, along with a listing of purchases by agency. Quarterly reports should be delivered to the Purchasing Division via email at purchasing.division@wv.gov.

40. BACKGROUND CHECK: In accordance with W. Va. Code § 15-2D-3, the State reserves the right to prohibit a service provider's employees from accessing sensitive or critical information or to be present at the Capitol complex based upon results addressed from a criminal background check. Service providers should contact the West Virginia Division of Protective Services by phone at (304) 558-9911 for more information.

41. PREFERENCE FOR USE OF DOMESTIC STEEL PRODUCTS: Except when authorized by the Director of the Purchasing Division pursuant to W. Va. Code § 5A-3-56, no contractor may use or supply steel products for a State Contract Project other than those steel products made in the United States. A contractor who uses steel products in violation of this section may be subject to civil penalties pursuant to W. Va. Code § 5A-3-56. As used in this section:

- a. "State Contract Project" means any erection or construction of, or any addition to, alteration of or other improvement to any building or structure, including, but not limited to, roads or highways, or the installation of any heating or cooling or ventilating plants or other equipment, or the supply of and materials for such projects, pursuant to a contract with the State of West Virginia for which bids were solicited on or after June 6, 2001.
- b. "Steel Products" means products rolled, formed, shaped, drawn, extruded, forged, cast, fabricated or otherwise similarly processed, or processed by a combination of two or more or such operations, from steel made by the open heath, basic oxygen, electric furnace, Bessemer or other steel making process.
- c. The Purchasing Division Director may, in writing, authorize the use of foreign steel products if:
 1. The cost for each contract item used does not exceed one tenth of one percent (.1%) of the total contract cost or two thousand five hundred dollars (\$2,500.00), whichever is greater. For the purposes of this section, the cost is the value of the steel product as delivered to the project; or
 2. The Director of the Purchasing Division determines that specified steel materials are not produced in the United States in sufficient quantity or otherwise are not reasonably available to meet contract requirements.

42. PREFERENCE FOR USE OF DOMESTIC ALUMINUM, GLASS, AND STEEL: In Accordance with W. Va. Code § 5-19-1 et seq., and W. Va. CSR § 148-10-1 et seq., for every contract or subcontract, subject to the limitations contained herein, for the construction, reconstruction, alteration, repair, improvement or maintenance of public works or for the purchase of any item of machinery or equipment to be used at sites of public works, only domestic aluminum, glass or steel products shall be supplied unless the spending officer determines, in writing, after the receipt of offers or bids, (1) that the cost of domestic aluminum, glass or steel products is unreasonable or inconsistent with the public interest of the State of West Virginia, (2) that domestic aluminum, glass or steel products are not produced in sufficient quantities to meet the contract requirements, or (3) the available domestic aluminum, glass, or steel do not meet the contract specifications. This provision only applies to public works contracts awarded in an amount more than fifty thousand dollars (\$50,000) or public works contracts that require more than ten thousand pounds of steel products.

The cost of domestic aluminum, glass, or steel products may be unreasonable if the cost is more than twenty percent (20%) of the bid or offered price for foreign made aluminum, glass, or steel products. If the domestic aluminum, glass or steel products to be supplied or produced in a “substantial labor surplus area”, as defined by the United States Department of Labor, the cost of domestic aluminum, glass, or steel products may be unreasonable if the cost is more than thirty percent (30%) of the bid or offered price for foreign made aluminum, glass, or steel products. This preference shall be applied to an item of machinery or equipment, as indicated above, when the item is a single unit of equipment or machinery manufactured primarily of aluminum, glass or steel, is part of a public works contract and has the sole purpose or of being a permanent part of a single public works project. This provision does not apply to equipment or machinery purchased by a spending unit for use by that spending unit and not as part of a single public works project.

All bids and offers including domestic aluminum, glass or steel products that exceed bid or offer prices including foreign aluminum, glass or steel products after application of the preferences provided in this provision may be reduced to a price equal to or lower than the lowest bid or offer price for foreign aluminum, glass or steel products plus the applicable preference. If the reduced bid or offer prices are made in writing and supersede the prior bid or offer prices, all bids or offers, including the reduced bid or offer prices, will be reevaluated in accordance with this rule.

43. INTERESTED PARTY SUPPLEMENTAL DISCLOSURE: W. Va. Code § 6D-1-2 requires that for contracts with an actual or estimated value of at least \$1 million, the Vendor must submit to the Agency a disclosure of interested parties prior to beginning work under this Contract. Additionally, the Vendor must submit a supplemental disclosure of interested parties reflecting any new or differing interested parties to the contract, which were not included in the original pre-work interested party disclosure, within 30 days following the completion or termination of the contract. A copy of that form is included with this solicitation or can be obtained from the WV Ethics Commission. This requirement does not apply to publicly traded companies listed on a national or international stock exchange. A more detailed definition of interested parties can be obtained from the form referenced above.

44. PROHIBITION AGAINST USED OR REFURBISHED: Unless expressly permitted in the solicitation published by the State, Vendor must provide new, unused commodities, and is prohibited from supplying used or refurbished commodities, in fulfilling its responsibilities under this Contract.

45. VOID CONTRACT CLAUSES: This Contract is subject to the provisions of West Virginia Code § 5A-3-62, which automatically voids certain contract clauses that violate State law.

46. ISRAEL BOYCOTT: Bidder understands and agrees that, pursuant to W. Va. Code § 5A-3-63, it is prohibited from engaging in a boycott of Israel during the term of this contract.

DESIGNATED CONTACT: Vendor appoints the individual identified in this Section as the Contract Administrator and the initial point of contact for matters relating to this Contract.

(Printed Name and Title) Rebeca Kiser, Laboratory Supervisor (ALS South Charleston)

(Address) 1740 Union Carbide Dr, South Charleston, WV 25303

(Phone Number) / (Fax Number) (304) 915-2310

(email address) rebecca.kiser@alsglobal.com

CERTIFICATION AND SIGNATURE: By signing below, or submitting documentation through wvOASIS, I certify that: I have reviewed this Solicitation/Contract in its entirety; that I understand the requirements, terms and conditions, and other information contained herein; that this bid, offer or proposal constitutes an offer to the State that cannot be unilaterally withdrawn; that the product or service proposed meets the mandatory requirements contained in the Solicitation/Contract for that product or service, unless otherwise stated herein; that the Vendor accepts the terms and conditions contained in the Solicitation, unless otherwise stated herein; that I am submitting this bid, offer or proposal for review and consideration; that this bid or offer was made without prior understanding, agreement, or connection with any entity submitting a bid or offer for the same material, supplies, equipment or services; that this bid or offer is in all respects fair and without collusion or fraud; that this Contract is accepted or entered into without any prior understanding, agreement, or connection to any other entity that could be considered a violation of law; that I am authorized by the Vendor to execute and submit this bid, offer, or proposal, or any documents related thereto on Vendor's behalf; that I am authorized to bind the vendor in a contractual relationship; and that to the best of my knowledge, the vendor has properly registered with any State agency that may require registration.

By signing below, I further certify that I understand this Contract is subject to the provisions of West Virginia Code § 5A-3-62, which automatically voids certain contract clauses that violate State law; and that pursuant to W. Va. Code 5A-3-63, the entity entering into this contract is prohibited from engaging in a boycott against Israel.

ALS Group USA, Corp dba ALS Environmental

(Company)

(Signature of Authorized Representative)

Rebecca Kiser, Laboratory Supervisor 01.27.2025

(Printed Name and Title of Authorized Representative) (Date)

(304) 915-2310, No Fax

(Phone Number) (Fax Number)

rebecca.kiser@alsglobal.com

(Email Address)

REQUEST FOR QUOTATION
Inorganic and Organic Analysis Services

SPECIFICATIONS

1. **PURPOSE AND SCOPE:** The West Virginia Purchasing Division is soliciting bids on behalf of the West Virginia Department of Environmental Protection to establish an open-end contract for Inorganic and Organic Analysis Services.

Previous Solicitations: CRFQ DEP2100000017, Inorganic and Organic Analysis Services, opened on 01/19/2021.

Vendors may view previous solicitation responses on the West Virginia Purchasing Bid Opening: <https://www.state.wv.us/admin/purchase/Bids/FY2021/BO20210119.html>.

Vendors are encouraged to review requirements carefully as some current requirements are different than previous solicitations.

2. **DEFINITIONS:** The terms listed below shall have the meanings assigned to them below. Additional definitions can be found in section 2 of the General Terms and Conditions.
- 2.1 **“Contract Item” or “Contract Items”** means the list of items identified in **Section 2.1** below and on the **Attachment C** Pricing Pages.
- 2.2 **“Pricing Pages”** means the schedule of prices, estimated order quantity, and totals contained in WVOASIS (or attached hereto as **Attachment C**) used to evaluate the Solicitation responses.
- 2.3 **“Solicitation”** means the official notice of an opportunity to supply the State with goods or services that is published by the Purchasing Division.
- 2.4 **“WV DEP”** means the West Virginia Department of Environmental Protection.
- 2.5 **“EDD”** means Electronic Data Deliverable which is any electronic report that includes results of analytical tests performed (e.g., Excel Spreadsheets, PDFs, etc.).
- 2.6 **“MDL”** means Method Detection Limit which is a concentration limit set for sample testing as specified during award of contract.
- 2.7 **“MRL”** means Method Reporting Limit which is a limit set for sample testing at certain levels during the contract.
- 2.8 **“PQL”** means Practical Quantitation Limit which is a concentration limit set for sample testing as specified during award of contract.

REQUEST FOR QUOTATION
Inorganic and Organic Analysis Services

- 2.9 “Shewhart Quality Control Charts” are graphical and analytic tools for monitoring process variation.
- 2.10 “Dry Weight” is when the laboratory has measured the moisture content of the sample, and calculated the concentration based on the percent solids present in the sample.

3. GENERAL REQUIREMENTS:

- 3.1 Contract Items and Mandatory Requirements:** Vendor shall provide Agency with the Contract Items listed below on an open-end and continuing basis. Contract Items must meet or exceed the mandatory requirements as shown below.

3.1.1 Analysis of Water and Soil Samples

- 3.1.1.1** The vendor laboratory must be certified by the WV DEP Division of Water and Waste Management’s Laboratory Quality Assurance Program. This includes any laboratories to which analyses are subcontracted. WV DEP will verify certification and parameters prior to award of contract. Proper certification is essential to ensure the integrity of the test results.
- 3.1.1.2** Notice of any changes to the vendor’s certification status with regard to any of the parameters that the vendor is certified to analyze for, must be submitted to the DEP, in writing, within ten (10) days of the time of status change. Failure to do so can result in cancellation of the contract.
- 3.1.1.3** Vendor must list certification expiration dates on each lab report. Must be able to verify that parameters and methods used for analysis have a valid certification at the time of testing.
- 3.1.1.4** Must be accessible by telephone: twenty-four **(24) hours per day, seven (7) days per week.**
- 3.1.1.5** Must be capable of attending and providing expert testimony in legal proceedings upon request.
- 3.1.1.6** The vendor must follow the Quality Control and Analytical Procedures outlined in Attachment A for Inorganic Analysis and Attachment B for Organic Analysis.

REQUEST FOR QUOTATION
Inorganic and Organic Analysis Services

3.1.1.7 Vendors providing Organic Analysis Services must have a chemist on staff experienced in organic analysis and its interpretation.

3.1.1.7.1 The chemist must have at minimum a bachelor's degree in chemistry and a minimum of two (2) years of experience in gas chromatography & mass spectrometry.

3.1.1.7.2 Vendor should provide a current résumé which includes information regarding the number of years of qualification, experience & training, and relevant professional education for everyone that will be assigned to work requested on this contract. References, documentation, or other information to confirm compliance with this experience requirement are preferred with the bid submission but may be requested after bid opening and prior to contract award.

3.1.1.8 The vendor is solely responsible for the satisfactory completion of the work. The vendor shall be responsible for ensuring that any subcontractor utilized has all the necessary permits, certifications (including WV State Laboratory certifications), experience and insurance to perform the work. All subcontractors must be approved by WV DEP before subcontractor initiates work. The vendor shall supply resumes and/or other documents to prove subcontractor's qualifications to complete the work, if requested. All work performed by a subcontractor must be appropriately annotated on any submitted documentation (report or EDD). WV DEP will consider the vendor to be the sole point of contact regarding authorized work under the contract; however, this provision does not prohibit the WV DEP from directly contacting subcontractors.

3.1.1.9 The vendor agrees that any and all data, analyses, materials, reports or other information, oral or written, prepared by the vendor with respect to this contract shall, except for information which has been publicly available, be treated as confidential and shall not be utilized, released, published, or disclosed by the vendor at any time for any purpose whatsoever other than to provide consultation or other service to the DEP.

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Inorganic and Organic Analysis Services

- 3.1.1.10** The vendor shall provide sample containers (such as (1) liter cubitieres) and field preservatives (such as Nitric Acid in plastic 8ml vials and Sulfuric Acid in (8) ml glass or plastic vials) to the DEP at no charge, if requested by the DEP.
- 3.1.1.11** The DEP may, at their discretion, choose to deliver samples to the vendor's establishment rather than having them picked up by or delivered to the vendor.
- 3.1.1.12** All unit pricing quoted must be based on standard turn-around time (not to exceed fourteen (14) calendar days) unless other arrangements have been made with a WV DEP office.
- 3.1.1.13** Upon awarding the contract, the vendor shall provide one copy of the method detection limits (MDLs) for all analytes for which the contract is awarded. Any updates to the MDLs during the life of this contract shall be provided to the DEP in writing within seven days of the update(s) completion.
- 3.1.1.14** Should MDLs lower than those listed on the contract be available, the vendor shall provide these lower detection levels when conducting analyses.
- 3.1.1.15** All soil sample analytical results shall be reported on a dry weight basis.
- 3.1.1.16** The vendor shall provide at no additional cost, any requested quality control/calibration information associated with a sample. Quality control/calibration includes, but is not limited to, values of standards used in calibration, date of last calibration, correlation coefficients of calibration curves, instrument blank values, check standard values, spike/recovery values, duplicate values, dilution volumes, bench sheets, calculations and Shewhart quality control charts.
- 3.1.1.17** The vendor will provide DEP approved blank water (such as distilled, deionized, Type I water as long as there are no contaminants present in the water at detectable levels that would cause lab and field blanks to fail) to the DEP, at no charge, upon request.
- 3.1.1.18** Samples delivered by WVDEP shall be taken to the lab located closest to the sampling location that can conduct all necessary analysis. For samples to be picked up at the DEP Offices, DEP shall contact the lab capable of conducting all necessary analysis at regulatory required MDLs that has the lowest unit price per pickup at that particular DEP Office location as established in the contract. DEP shall verify that

REQUEST FOR QUOTATION
Inorganic and Organic Analysis Services

these conditions have been met prior to issuing a release order for the services.

4. CONTRACT AWARD:

- 4.1 Contract Award:** The Contract is intended to provide the Agency with a purchase price on all Contract Items the vendor can provide.

Award will be split if it is in the best interest of the WV DEP. If a multi-award, selection of the vendor to be used upon award will be based on the closest location to sample site and/or WV DEP requesting office, then lowest to highest bid.

- 4.2 Pricing Pages:** Attachment C Pricing Pages was created as MS Excel document. Vendor should complete the **Attachment C Pricing Pages** by filling in the “**Unit Price**” box with the price per unit. The “**Extended Amount**” box is calculated by multiplying the “**Unit Price**” by the “**Est. Quantity**.” Vendor should include “Method #” (identifier), “Method Detection Limit (MDL),” “Practical Quantitation Limit (PQL),” and “Unit Price” for each parameter if required. If Vendor is certified for more than one method per parameter, they should include method number, MDL, PQL and price for any additional method per parameter in the “Alt. Method” space on the bid sheet. Vendor shall not alter any of the already entered data in the spreadsheet. Vendor should complete the Pricing Pages in their entirety as failure to do so may result in Vendor’s bids being disqualified.

The Pricing Pages contain a list of the Contract Items and estimated yearly purchase volume. The estimated purchase volume for each item represents the approximate volume of anticipated purchases only. No future use of the Contract or any individual item is guaranteed or implied.

Vendor should electronically enter the information into the Pricing Pages through wvOASIS as an electronic document. Upload as .xls file in wvOASIS (not .pdf). In most cases, the Vendor can download an electronic copy of the Pricing Pages from wvOASIS or request one from the buyer listed.

5. ORDERING AND PAYMENT:

- 5.1 Ordering:** Vendor shall accept orders through wvOASIS, regular mail, facsimile, e-mail, or any other written form of communication. Vendor may, but is not required to, accept on-line orders through a secure internet ordering portal/website. If Vendor can accept on-line orders, it should include in its response a brief description of how Agencies may utilize the on-line ordering system. Vendor shall ensure that its on-line ordering system is properly secured prior to processing Agency orders on-line.

REQUEST FOR QUOTATION
Inorganic and Organic Analysis Services

5.1.1 Agency will issue an Agency Delivery Order (ADO) for sampling. Agency must use the lowest bid Vendor closest to sample location. Agency must document in the ADO how selected Vendor was established and used.

5.2 Payment: Vendor shall accept payment in accordance with the payment procedures of the State of West Virginia.

5.2.1 Vendor shall list the following on each invoice:

5.2.1.1 Vendor shall list individual line-item numbers from the contract.

5.2.1.2 Vendor shall list contract number.

5.2.1.3 Vendor shall list requesting employee or designated employee.

5.2.1.4 Vendor shall list project name submitted with analysis request.

5.2.1.5 Invoices shall be sent to the ordering office stated on the chain of custody form.

5.2.1.5.1 Where possible, multiple invoices shall be combined, and a statement issued listing each invoice number, invoice date, and amount of invoice.

5.2.2 Failure to include these items on invoices shall result in delayed payment and possible request for revised invoice.

6. DELIVERY AND RETURN:

6.1 Delivery Time: Vendor shall deliver standard orders within fourteen (14) calendar days after orders are received. Vendor shall deliver emergency orders within one (1) calendar day after orders are received. Vendor shall ship all orders in accordance with the above schedule and shall not hold orders until a minimum delivery quantity is met.

6.2 Late Delivery: The Agency placing the order under this Contract must be notified in writing if orders will be delayed for any reason. Any delay in delivery that could cause harm to an Agency will be grounds for cancellation of the delayed order, and/or obtaining the items ordered from a third party.

Any Agency seeking to obtain items from a third party under this provision must first obtain approval of the Purchasing Division.

6.3 Delivery Payment/Risk of Loss: Standard order delivery shall be F.O.B. destination to the Agency's location. Vendor shall include the cost of standard order delivery

REQUEST FOR QUOTATION
Inorganic and Organic Analysis Services

charges in its bid pricing/discount and is not permitted to charge the Agency separately for such delivery. The Agency will pay delivery charges on all emergency orders provided the Vendor invoices those delivery costs as a separate charge with the original freight bill attached to the invoice.

6.4 Return of Unacceptable Items: If the Agency deems the Contract Items to be unacceptable, the Contract Items shall be returned to Vendor at Vendor's expense and with no restocking charge. Vendor shall either make arrangements for the return within five (5) days of being notified that items are unacceptable or permit the Agency to arrange for the return and reimburse Agency for delivery expenses. If the original packaging cannot be utilized for the return, Vendor will supply the Agency with appropriate return packaging upon request. All returns of unacceptable items shall be F.O.B. the Agency's location. The returned product shall either be replaced, or the Agency shall receive a full credit or refund for the purchase price, at the Agency's discretion.

6.4.1 If vendor provides analysis result that was not requested by employee, vendor shall not invoice DEP for that result.

6.4.2 If upon receipt and inspection of lab results, results are deemed as not viable due to lab error DEP shall not be invoiced for that result

6.5 Return Due to Agency Error: Items ordered in error by the Agency will be returned for credit within 30 days of receipt, F.O.B. Vendor's location. Vendor shall not charge a restocking fee if returned products are in a resalable condition. Items shall be deemed to be in a resalable condition if they are unused and in the original packaging. Any restocking fee for items not in a resalable condition shall be the lower of the Vendor's customary restocking fee or 5% of the total invoiced value of the returned items.

7. VENDOR DEFAULT:

7.1 The following shall be considered a vendor default under this Contract.

7.1.1 Failure to provide Contract Items in accordance with the requirements contained herein.

7.1.2 Failure to comply with other specifications and requirements contained herein.

7.1.3 Failure to comply with any laws, rules, and ordinances applicable to the Contract Services provided under this Contract.

REQUEST FOR QUOTATION
Inorganic and Organic Analysis Services

7.1.4 Failure to remedy deficient performance upon request.

7.2 The following remedies shall be available to Agency upon default.

7.2.1 Immediate cancellation of the Contract.

7.2.2 Immediate cancellation of one or more release orders issued under this Contract.

7.2.3 Any other remedies available in law or equity.

8. MISCELLANEOUS:

8.1 No Substitutions: Vendor shall supply only Contract Items submitted in response to the Solicitation unless a contract modification is approved in accordance with the provisions contained in this Contract.

8.2 Vendor Supply: Vendor must carry sufficient inventory of the Contract Items being offered to fulfill its obligations under this Contract. By signing its bid, Vendor certifies that it can supply the Contract Items contained in its bid response.

8.3 Reports: Vendor shall provide quarterly reports and annual summaries to the Agency showing the Agency's items purchased, quantities of items purchased, and total dollar value of the items purchased upon request. Vendor shall also provide reports, upon request, showing the items purchased during the term of this Contract, the quantity purchased for each of those items, and the total value of purchases for each of those items. Failure to supply such reports may be grounds for cancellation of this Contract.

8.4 Contract Manager: During its performance of this Contract, Vendor must designate and maintain a primary contract manager responsible for overseeing Vendor's responsibilities under this Contract. The Contract manager must be available during normal business hours to address any customer service or other issues related to this Contract. Vendor should list its Contract manager and his or her contact information below.

Contract Manager: Rebecca Kiser

Telephone Number: (304) 356-3108 , (304) 915-2310 (direct)

Fax Number: NONE

Email Address: rebecca.kiser@alsglobal.com

Item #	Parameter Description (with Matrix, Method, and/or Speciation)	Alias	Desired Matrix MDL	Method ID	Method Detection Limit	Practical Quantitation Limit	Unit Price	Yearly Est. Quantity	Extended Amount
INORGANICS									
Physical/Wet Chemistry									
1	Acidity, Cold	Acidity, Total	1 mg/L					25	\$0.00
1A	Acidity, Cold (Method: Alternate)	Acidity, Total						10	\$0.00
2	Acidity, Hot (as CaCO3)		5 mg/L	SM2310B	8mg/L	12mg/L	15	4000	\$60,000.00
2A	Acidity, Hot (Method: Alternate)							1000	\$0.00
3	Acidity, Mineral (as CaCO3)		1 mg/L					25	\$0.00
3A	Acidity, Mineral (Method: Alternate)							10	\$0.00
4	Alkalinity (as CaCO3)		5 mg/L	SM2320B	8.37mg/L	10mg/L	15	4000	\$60,000.00
4A	Alkalinity (Method: Alternate)							1000	\$0.00
5	Alkalinity, Bicarbonate (as CaCO3)		1 mg/L	SM2320B	8.37mg/L	10mg/L	15	20	\$300.00
6	Alkalinity, Carbonate (as CaCO3)		1 mg/L	SM2320B	8.37mg/L	10mg/L	15	20	\$300.00
7	Alkalinity, Phenolphthalein		2 mg/L					20	\$0.00
8	Bromide (High Level)		0.031 mg/L	EPA300.0/ SW9056A	0.0319mg/L	0.2mg/L	15	350	\$5,250.00
9	Bromide (Low Level)							10	\$0.00
10	Bromide (Solid)			EPA300.0/ SW9056A	0.319mg/kg	2mg/kg	18	10	\$180.00
11	Chloride (High Level)		0.2 mg/L	SM4500C1	0.461mg/L	1mg/L	18	3000	\$54,000.00
12	Chloride (Low Level)			EPA300.0/ SW9056A	0.31mg/L	1mg/L	15	100	\$1,500.00
13	Chloride (Solid)			EPA300.0/ SW9056A	3.1mg/kg	10mg/kg	18	10	\$180.00
14	Color (Method: ADMI)		10 ADMI value					25	\$0.00
15	Color (Method: APHA)		5 color units	SM2120B	1 color unit	1 color unit	20	25	\$500.00
16	Conductance, Specific	Lab Specific Conductance @ 25°C	3 uS/cm²	SM2510B	5uS/cm²	5uS/cm²	10	1000	\$10,000.00
17	Conductance, Specific (Method: Alternate)	Lab Specific Conductance @ 25°C						500	\$0.00
18	Fluoride (High Level)		0.2 mg/L					25	\$0.00
19	Fluoride (Low Level)			EPA300.0/ SW9056A	0.067mg/L	0.1mg/L	15	10	\$150.00
20	Fluoride (Solid)			EPA300.0/ SW9056A	0.67mg/kg	1mg/kg	18	10	\$180.00
21	Oxygen Demand, Biological	BOD	1 mg/L	SM5210B	2mg/L	2mg/L	30	25	\$750.00
21A	Oxygen Demand, Biological (Method: Alternate)	BOD						10	\$0.00
22	Oxygen Demand, Carbonaceous Biological	CBOD	1 mg/L	SM5210B	2mg/L	2mg/L	30	25	\$750.00
22A	Oxygen Demand, Carbonaceous Biological (Method: Alternate)	CBOD						10	\$0.00
23	Oxygen Demand, Chemical	COD	0.5 mg/L	EPA410.4	4.65mg/L	5mg/L	22	25	\$550.00
23A	Oxygen Demand, Chemical (Method: Alternate)	COD						10	\$0.00
24	pH	Lab pH		SM4500H B/SW9040 C	0.02SU	0.02SU	10	4000	\$40,000.00
25	pH (Solid)			SW9045D	0.02SU	0.02SU	10	10	\$100.00
26	Solids, Percent		1%	SM2540G	0.025%	0.05%	15	25	\$375.00
26A	Solids, Percent (Method: Alternate)							10	\$0.00
27	Solids, Percent (Solid)		1%	SM2540G	0.025%	0.05%	15	10	\$150.00
28	Solids, Total Dissolved	TDS; Filterable Residue	5 mg/L	SM2540C	11.1mg/L	15mg/L	15	3000	\$45,000.00
28A	Solids, Total Dissolved (Method: Alternate)	TDS; Filterable Residue						1000	\$0.00
29	Solids, Settlable			SM2540F	0.2ml/L/hr	0.2ml/L/hr	15	30	\$450.00
29A	Solids, Settlable (Method: Alternate)							30	\$0.00
30	Solids, Total Suspended	TSS; Non-Filterable Residue	1 mg/L	SM2540D	0.38mg/L	0.6mg/L	15	4000	\$60,000.00
30A	Solids, Total Suspended (Method: Alternate)	TSS; Non-Filterable Residue						1000	\$0.00
31	Solids, Total Volatile		1 mg/L	SM2540E	6mg/L	6mg/L	15	25	\$375.00
31A	Solids, Total Volatile (Method: Alternate)							10	\$0.00
32	Solids, Total Volatile (Solid)			SM2540G	0.025%	0.05%	15	10	\$150.00
33	Solids, Total	Total Residue	1 mg/L	SM2540B	17mg/L	17mg/L	15	25	\$375.00
33A	Solids, Total (Method: Alternate)	Total Residue						10	\$0.00
34	Solids, Total (Solid)	Total Residue		SM2540G	0.025%	0.05%	15	10	\$150.00
35	Sulfate	SO4	5 mg/L	EPA300.0/ SW9056A	0.19mg/L	1mg/L	15	4000	\$60,000.00
35A	Sulfate (Method: Alternate)			SM4500SO4	0.71mg/L	1mg/L	18	1000	\$18,000.00
36	Sulfate (Solid)	SO5		EPA300.0/ SW9056A	0.568mg/kg	10mg/kg	18	10	\$180.00
37	Total Inorganic Carbon	TIC						20	\$0.00
38	Turbidity	Lab Turbidity	1 NTU (higher OK if highly turbid)	SM2130B	0.036ntu	0.645ntu	20	20	\$400.00
38A	Turbidity (Method: Alternate)							10	\$0.00
Metals									
39	Aluminum (High Level)	Al	0.0048 mg/L	EPA200.7/ SW6010D	0.01mg/L	0.01mg/L	10	4000	\$40,000.00
40	Aluminum (Low Level)	Al		EPA200.8/ SW6020B	0.0057mg/L	0.01mg/L	10	100	\$1,000.00
41	Aluminum (Solid)	Al	40 mg/Kg	SW6020B	1.6mg/kg	2mg/kg	10	10	\$100.00
42	Barium (High Level)	Ba	0.00028 mg/L	EPA200.7/ SW6010D	0.0043mg/L	0.005mg/L	10	350	\$3,500.00
43	Barium (Low Level)	Ba		EPA200.8/ SW6020B	0.00057mg/L	0.005mg/L	10	10	\$100.00
44	Barium (Solid)	Ba	40 mg/Kg	SW6020B	0.23mg/kg	0.25mg/kg	10	10	\$100.00

45	Beryllium (High Level)	Be	0.00005 mg/L	EPA200.7/ SW6010D	0.0002mg/L	0.002mg/L	10	350	\$3,500.00
46	Beryllium (Low Level)	Be		EPA200.8/ SW6020B	0.00013mg/L	0.002mg/L	10	10	\$100.00
47	Beryllium (Solid)	Be	1 mg/Kg	SW6020B	0.017mg/kg	0.1mg/kg	10	10	\$100.00
48	Cadmium (Low Level)	Cd	0.000045 mg/L	EPA200.8/ SW6020B	0.00014mg/L	0.0002mg/L	10	500	\$5,000.00
49	Cadmium (High Level)	Cd		EPA200.7/ SW6010D	0.0008mg/L	0.01mg/L	10	20	\$200.00
50	Cadmium (Solid)	Cd	1 mg/Kg	SW6020B	0.015mg/kg	0.1mg/kg	10	10	\$100.00
51	Calcium (High Level)	Ca	0.027 mg/L	EPA200.7/ SW6010D	0.39mg/L	0.5mg/L	10	500	\$5,000.00
52	Calcium (Low Level)	Ca		EPA200.8/ SW6020B	0.221mg/L	0.5mg/L	10	20	\$200.00
53	Calcium (Solid)	Ca	1000 mg/Kg	SW6020B	12mg/kg	25mg/kg	10	10	\$100.00
54	Chromium (High Level)	Cr	0.001 mg/L	EPA200.7/ SW6010D	0.0009mg/L	0.005mg/L	10	20	\$200.00
55	Chromium (Low Level)	Cr		EPA200.8/ SW6020B	0.0006mg/L	0.005mg/L	10	10	\$100.00
56	Chromium (Solid)	Cr	2 mg/Kg	SW6020B	0.11mg/kg	0.25mg/kg	10	10	\$100.00
57	Chromium, Hexavalent (High Level)	Chromium VI or Cr-VI	0.005 mg/L	SW7196A	0.0029mg/L	0.005mg/L	35	200	\$7,000.00
58	Chromium, Hexavalent (Low Level)	Chromium VI or Cr-VI	0.000043 mg/L	EPA218.6	0.013ug/L	0.05ug/L	60	10	\$600.00
49	Chromium, Hexavalent (Solid)	Chromium VI or Cr-VI	0.017 mg/kg	SW7196A	0.848mg/kg	1mg/kg	50	10	\$500.00
60	Cobalt (High Level)	Co	0.001 mg/L	EPA200.7/ SW6010D	0.0004mg/L	0.005mg/L	10	20	\$200.00
61	Cobalt (Low Level)	Co		EPA200.8/ SW6020B	0.00027mg/L	0.005mg/L	10	10	\$100.00
62	Cobalt (Solid)	Co	10 mg/Kg	SW6020B	0.041mg/kg	0.25mg/kg	10	10	\$100.00
63	Copper (High Level)	Cu	0.00025 mg/L	EPA200.7/ SW6010D	0.0046mg/L	0.01mg/L	10	500	\$5,000.00
64	Copper (Low Level)	Cu		EPA200.8/ SW6020B	0.00099mg/L	0.005mg/L	10	20	\$200.00
65	Copper (Solid)	Cu	5 mg/Kg	SW6020B	0.25mg/kg	0.25mg/kg	10	10	\$100.00
66	Hardness		1 mg/L	SM2340C	2.17mg/L	5mg/L	27	500	\$13,500.00
67	Hardness (Method: Alternate)							100	\$0.00
68	Hardness (Solid)							10	\$0.00
69	Iron (High Level)	Fe	0.0063 mg/L	EPA200.7/ SW6010D	0.079mg/L	0.08mg/L	10	3000	\$30,000.00
70	Iron (Low Level)	Fe		EPA200.8/ SW6020B	0.047mg/L	0.08mg/L	10	100	\$1,000.00
71	Iron (Solid)	Fe	20 mg/Kg	SW6020B	8mg/kg	10mg/kg	10	10	\$100.00
72	Iron, Ferrous (Method: SM)	Fe2+	0.05 mg/L					25	\$0.00
73	Iron, Ferrous (Low Level)	Fe2+						10	\$0.00
74	Iron, Ferric	Fe3+						50	\$0.00
75	Lead (Low Level)	Pb	0.00003 mg/L	EPA200.8/ SW6020B	0.0002mg/L	0.005mg/L	10	350	\$3,500.00
76	Lead (High Level)	Pb		EPA200.7/ SW6010D	0.0013mg/L	0.005mg/L	10	10	\$100.00
77	Lead (Solid)	Pb	1 mg/Kg	SW6020B	0.12mg/kg	0.25mg/kg	10	10	\$100.00
78	Magnesium (High Level)	Mg	0.022 mg/L	EPA200.7/ SW6010D	0.09mg/L	0.02mg/L	10	500	\$5,000.00
79	Magnesium (Low Level)	Mg		EPA200.8/ SW6020B	0.037mg/L	0.2mg/L	10	20	\$200.00
80	Magnesium (Solid)	Mg	1000 mg/Kg	SW6020B	7mg/kg	10mg/kg	10	10	\$100.00
81	Manganese (High Level)	Mn	0.00044 mg/L	EPA200.7/ SW6010D	0.0023mg/L	0.005mg/L	10	3000	\$30,000.00
82	Manganese (Low Level)	Mn		EPA200.8/ SW6020B	0.00167mg/L	0.005mg/L	10	100	\$1,000.00
83	Manganese (Solid)	Mn	3 mg/Kg	SW6020B	0.21mg/kg	0.25mg/kg	10	10	\$100.00
84	Mercury (High Level MDL)	Hg	0.0001 mg/L	EPA245.1/ SW7470A	0.0016mg/L	0.0002mg/L	25	200	\$5,000.00
85	Mercury (Low Level MDL; Method SM 1631E or EPA 245.7)	Hg	0.2 ng/L	EPA1631E	0.2ng/L	0.5ng/L	65	200	\$13,000.00
86	Mercury (Solid-Low Level MDL; Method: EPA 245.5)	Hg	0.1 mg/kg	SW7471B	0.0136mg/kg	0.02mg/kg	25	10	\$250.00
87	Molybdenum (High Level)	Mo	0.005 mg/L	EPA200.7/ SW6010D	0.0009mg/L	0.005mg/L	10	20	\$200.00
88	Molybdenum (Low Level)	Mo		EPA200.8/ SW6020B	0.00033mg/L	0.005mg/L	10	10	\$100.00
89	Molybdenum (Solid)	Mo	8 mg/Kg	SW6020B	0.049mg/kg	0.25mg/kg	10	10	\$100.00
90	Nickel (High Level)	Ni	0.00024 mg/L	EPA200.7/ SW6010D	0.0006mg/L	0.005mg/L	10	500	\$5,000.00
91	Nickel (Low Level)	Ni		EPA200.8/ SW6020B	0.00085mg/L	0.005mg/L	10	20	\$200.00
92	Nickel (Solid)	Ni	8 mg/Kg	SW6020B	0.13mg/kg	0.25mg/kg	10	10	\$100.00
93	Potassium (High Level)	K	0.048 mg/L	EPA200.7/ SW6010D	0.16mg/L	0.2mg/L	10	500	\$5,000.00
94	Potassium (Low Level)	K		EPA200.8/ SW6020B	0.034mg/L	0.2mg/L	10	20	\$200.00
95	Potassium (Solid)	K	1000 mg/Kg	SW6020B	4.2mg/kg	10mg/kg	10	10	\$100.00
96	Silver (Low Level)	Ag	0.00005 mg/L	EPA200.8/ SW6020B	0.00026mg/L	0.005mg/L	10	500	\$5,000.00
97	Silver (High Level)	Ag		EPA200.7/ SW6010D	0.0025mg/L	0.005mg/L	10	20	\$200.00
98	Silver (Solid)	Ag	2 mg/Kg	SW6020B	0.033mg/kg	0.25mg/kg	10	10	\$100.00
99	Sodium (High Level)	Na	0.024 mg/L	EPA200.7/ SW6010D	0.26mg/L	0.5mg/L	10	500	\$5,000.00
100	Sodium (Low Level)	Na		EPA200.8/ SW6020B	0.128mg/L	0.2mg/L	10	20	\$200.00
101	Sodium (Solid)	Na	1000 mg/Kg	SW6020B	13.4mg/kg	15mg/kg	10	10	\$100.00
102	Strontium (High Level)	Sr	0.00043 mg/L	EPA200.7/ SW6010D	0.0012mg/L	0.005mg/L	10	500	\$5,000.00
103	Strontium (Low Level)	Sr		EPA200.8/ SW6020B	0.0004mg/L	0.005mg/L	10	20	\$200.00
104	Thallium (High Level)	Th	0.001 mg/L	EPA200.7/ SW6010D	0.0026mg/L	0.01mg/L	10	20	\$200.00
105	Thallium (Low Level)	Th		EPA200.8/ SW6020B	0.00032mg/L	0.005mg/L	10	10	\$100.00

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Method 8151A, Chlorinated Herbicides									
274	Single compound analysis cost	See Attachment B	N/A	N/A	N/A	120	12	\$1,440.00	
275	Up to 10 compounds then complete list cost applies		N/A	N/A	N/A	155	12	\$1,860.00	
276	Complete list cost		N/A	N/A	N/A	155	12	\$1,860.00	
Method 8260									
277	Search for additional tentatively identified compounds	See Attachment B	N/A	N/A	N/A	45	15	\$675.00	
278	Single compound analysis cost		N/A	N/A	N/A	68	15	\$1,020.00	
279	Up to 10 compounds then complete list cost applies		N/A	N/A	N/A	68	15	\$1,020.00	
280	Complete list cost		N/A	N/A	N/A	75	15	\$1,125.00	
281	GC-MS Scan per TIC, report TICS that are detected at 10% of the area of the nearest internal standard		N/A	N/A	N/A	45	15	\$675.00	
Method 8270									
282	Search for additional tentatively identified compounds	See Attachment B	N/A	N/A	N/A	\$45.00	15	\$675.00	
283	Single compound analysis cost		N/A	N/A	N/A	\$95.00	15	\$1,425.00	
284	Up to 10 compounds then complete list cost applies		N/A	N/A	N/A	\$95.00	15	\$1,425.00	
285	Complete list cost		N/A	N/A	N/A	\$140.00	15	\$2,100.00	
286	GC-MS Scan per TIC, report TICS that are detected at 10% of the area of the nearest internal standard		N/A	N/A	N/A	\$45.00	15	\$675.00	
Method 8310, Polynuclear Aromatic Hydrocarbons by HPLC									
287	Single compound analysis cost	See Attachment B	N/A	N/A	N/A		15	\$0.00	
288	Up to 10 compounds then complete list cost applies		N/A	N/A	N/A		15	\$0.00	
289	Complete list cost		N/A	N/A	N/A		15	\$0.00	
Method TO-15									
290	Single compound analysis cost	See Attachment B	N/A	N/A	N/A		20	\$0.00	
291	Up to 10 compounds then complete list cost applies		N/A	N/A	N/A		20	\$0.00	
292	Complete list cost		N/A	N/A	N/A		20	\$0.00	
TCLP RCRA Pesticides & Herbicides EPA 1311/SW846									
293	Single compound analysis cost	Attachment B	N/A	N/A	N/A	\$100.00	12	\$1,200.00	
294	Complete list cost		N/A	N/A	N/A	\$248.00	12	\$2,976.00	
TCLP RCRA Metals EPA 1311/SW846									
295	Single compound analysis cost	Attachment B	N/A	N/A	N/A	\$55.00	24	\$1,320.00	
296	Complete list cost		N/A	N/A	N/A	\$140.00	24	\$3,360.00	
TCLP Volatile Organics 8260 with 1311 extraction									
297	Single compound analysis cost	See Attachment B	N/A	N/A	N/A	\$100.00	20	\$2,000.00	
298	Up to 10 compounds then complete list cost applies		N/A	N/A	N/A	\$135.00	20	\$2,700.00	
299	Complete list cost		N/A	N/A	N/A	\$135.00	20	\$2,700.00	
TCLP Semi-Volatile Organics 8720 with 1311 extraction									
300	Single compound analysis cost	See Attachment B	N/A	N/A	N/A	\$130.00	12	\$1,560.00	
301	Up to 10 compounds then complete list cost applies		N/A	N/A	N/A	\$175.00	12	\$2,100.00	
302	Complete list cost		N/A	N/A	N/A	\$175.00	12	\$2,100.00	
RCRA General Chemistry									
303	Single compound analysis cost	Attachments A & B	N/A	N/A	N/A		12	\$0.00	
304	Complete list cost		N/A	N/A	N/A		12	\$0.00	
SPLP EPA 1312/SW846 extraction									
305	Extraction Cost Per Sample	Attachment B	N/A	N/A	N/A	\$35.00	30	\$1,050.00	
306									
In Vitro Bioaccessibility Assay Method 1340/SW-846									
307	Single compound analysis cost	See Attachment B	N/A	N/A	N/A		30	\$0.00	
308	Complete list cost		N/A	N/A	N/A		30	\$0.00	
Metals/Cyanide Target Analyte List (TAL)-Low level option EPA 200.7/SW 7470/7471									
309	Single compound analysis cost	Attachments A & B	N/A	N/A	N/A		12	\$0.00	
310	Complete list cost		N/A	N/A	N/A	\$128.00	12	\$1,536.00	

	Quick Packages								
311	8081A Organochlorine Pesticides GC			N/A	N/A	N/A	\$78.00	10	\$780.00
312	8082 PCBs by GC			N/A	N/A	N/A	\$55.00	10	\$550.00
313	8061A Phthalate Esters by GC/EDC			N/A	N/A	N/A		10	\$0.00
314	8270 PAH by GC/MS			N/A	N/A	N/A	\$95.00	10	\$950.00
315	PAH by GC/MS - 8270 SIM			N/A	N/A	N/A	\$120.00	20	\$2,400.00
316	8260B Volatile Organics by GC/MS			N/A	N/A	N/A	\$75.00	20	\$1,500.00
317	8270C Semivolatile Organics by GC/MS			N/A	N/A	N/A	\$140.00	20	\$2,800.00
318	Semivolatile Organics by GC/MS - 8270 SIM			N/A	N/A	N/A		20	\$0.00
319	BTEX (8021B/8260B)			N/A	N/A	N/A		30	\$0.00
320	BTEX (8021B)/MTBE (8021B)			N/A	N/A	N/A		30	\$0.00
321	BTEX (8021B)/GRO (8015B)			N/A	N/A	N/A		30	\$0.00
322	BTEX (8021B)/DRO/GRO (8015B)			N/A	N/A	N/A		30	\$0.00
323	BTEX (8021B)/GRO (8015B)/MTBE (8021B)			N/A	N/A	N/A		30	\$0.00

See
Attachment
B

324	BTEX (8021B)/DRO/GRO (8015B)/MTBE (8021B)					N/A	N/A	N/A		30	\$0.00
325	BTEX/MTBE/TBA/EDB/EDC by 8260B (SIM)					N/A	N/A	N/A		30	\$0.00
326	TPH-ORO (8015B)					N/A	N/A	N/A	\$55.00	10	\$550.00
327	TPH-GRO (8015B)					N/A	N/A	N/A	\$48.00	10	\$480.00
328	TPH-DRO (8015B)					N/A	N/A	N/A	\$55.00	10	\$550.00
329	TPH-DRO/ORO (8015B)					N/A	N/A	N/A	\$55.00	10	\$550.00
330	TPH-GRO/DRO (8015B)					N/A	N/A	N/A	\$103.00	10	\$1,030.00
331	TPH-GRO/DRO/ORO (8015B)					N/A	N/A	N/A	\$103.00	20	\$2,060.00
332	USED OIL FUEL (VARIOUS-See Attachment B)					N/A	N/A	N/A		10	\$0.00
	PHASE I DETECTION MONITORING (Groundwater only)										
333	Search for additional tentatively identified compounds			See Attachment B		N/A	N/A	N/A		12	\$0.00
334	Single compound analysis cost					N/A	N/A	N/A		12	\$0.00
335	Up to 10 compounds then complete list cost applies					N/A	N/A	N/A		12	\$0.00
336	Total cost Phase I complete list					N/A	N/A	N/A	\$663.00	12	\$7,956.00
	Priority Pollutants by SW-846 Protocol Analysis										
337	Priority Pollutant Volatiles			See Attachment B		N/A	N/A	N/A	\$75.00	12	\$900.00
338	Priority Pollutant Semi-Volatiles					N/A	N/A	N/A	\$140.00	12	\$1,680.00
339	Priority Pollutant Pesticides/PCBs					N/A	N/A	N/A	\$133.00	12	\$1,596.00
340	Priority Pollutant Inorganics					N/A	N/A	N/A	\$150.00	12	\$1,800.00
341	Total Package Cost (less dioxins) Dioxin (2,3,7,8-Tetrachlorodibenzo-p-Dioxin) quoted at time of analysis					N/A	N/A	N/A	\$498.00	12	\$5,976.00
	Total Toxic Organics (TTO) by SW-846 Protocol Analysis										
342	TTO Volatiles			See Attachment B		N/A	N/A	N/A	\$75.00	12	\$900.00
343	TTO Semi-Volatiles					N/A	N/A	N/A	\$140.00	12	\$1,680.00
344	TTO Pesticides/PCBs					N/A	N/A	N/A	\$133.00	12	\$1,596.00
345	TTO Inorganics					N/A	N/A	N/A	\$187.00	12	\$2,244.00
346	Total Package Cost (less dioxins) Dioxin (2,3,7,8-Tetrachlorodibenzo-p-Dioxin) quoted at time of analysis					N/A	N/A	N/A	\$535.00	12	\$6,420.00
	Target Compounds List (TCL) Analysis										
347	TCL Volatiles			See Attachment B		N/A	N/A	N/A	\$75.00	12	\$900.00
348	TCL Semi-Volatiles					N/A	N/A	N/A	\$140.00	12	\$1,680.00
349	TCL Pesticides/PCBs					N/A	N/A	N/A	\$133.00	12	\$1,596.00
350	TCL Inorganics					N/A	N/A	N/A	\$162.00	12	\$1,944.00
351	Total Package Cost (less dioxins) Dioxin (2,3,7,8-Tetrachlorodibenzo-p-Dioxin) quoted at time of analysis					N/A	N/A	N/A	\$510.00	12	\$6,120.00
	Hazardous Waste Characterizations Analysis										
352	Reactivity			See Attachment B		N/A	N/A	N/A	\$68.00	12	\$816.00
353	Ignitability					N/A	N/A	N/A	\$35.00	12	\$420.00
354	Corrosivity (pH)					N/A	N/A	N/A	\$10.00	12	\$120.00
355	Corrosivity (NACE)					N/A	N/A	N/A		12	\$0.00
356	BTU					N/A	N/A	N/A	\$150.00	12	\$1,800.00
357	TCLP					N/A	N/A	N/A		12	\$0.00
358	Total Package Cost					N/A	N/A	N/A		12	\$0.00
	TCLP Extractions Analysis										
359	Percent Solids (metals, semi-volatiles, volatiles, pesticides, herbicides)			See Attachment B		N/A	N/A	N/A	\$15.00	15	\$225.00
360	Characterization Extraction (metals, semi-volatiles, pesticides, herbicides)					N/A	N/A	N/A	\$35.00	15	\$525.00
361	Zero Headspace Extraction (volatiles)					N/A	N/A	N/A	\$40.00	15	\$600.00
	TCLP Analysis - Analysis										
362	TCLP Metals quantified to 10% of TCLP levels			See Attachment B		N/A	N/A	N/A		20	\$0.00
363	TCLP-Mercury					N/A	N/A	N/A	\$60.00	20	\$1,200.00
364	TCLP-Individual Metal					N/A	N/A	N/A	\$55.00	20	\$1,100.00
365	Additional Metals (Flame, Furnace, ICP, ICP-MS)					N/A	N/A	N/A	\$10.00	20	\$200.00
366	Analysis by Standard Method of Addition (per metal)					N/A	N/A	N/A		20	\$0.00
367	TCLP Pb characterization (includes extraction fees)					N/A	N/A	N/A	\$55.00	20	\$1,100.00
368	TCLP Volatile Organics					N/A	N/A	N/A	\$135.00	20	\$2,700.00
369	TCLP Semi-Volatile Organics					N/A	N/A	N/A	\$175.00	20	\$3,500.00
370	TCLP Pesticides/Herbicides					N/A	N/A	N/A	\$248.00	20	\$4,960.00
371	TCLP Pesticides					N/A	N/A	N/A	\$113.00	20	\$2,260.00
372	TCLP Herbicides					N/A	N/A	N/A	\$135.00	20	\$2,700.00
373	Full TCLP					N/A	N/A	N/A	\$698.00	20	\$13,960.00
	NOTE: Multiphasic samples will be subject to additional extraction and analytical fee										

	PHASE II ASSESSMENT MONITORING (Groundwater only)								
374	Search for additional tentatively identified compounds		See Attachment B	N/A	N/A	N/A		12	\$0.00
375	Single compound analysis cost			N/A	N/A	N/A		12	\$0.00
376	Up to 10 compounds then complete list cost applies			N/A	N/A	N/A		12	\$0.00
377	Total cost Phase II complete list			N/A	N/A	N/A		12	\$0.00
378	Encore Sampling Kits (each)			N/A	N/A	N/A		12	\$0.00
379	Terra Core Sampling Kits (each)			N/A	N/A	N/A	\$15.00	12	\$180.00
	Collection of samples - costs associated with sample pickup from the following locations:								
380							\$0.00	24	\$0.00
381	Charleston Office, 601 57th Street S.E., Charleston, WV 25304						\$279.00	24	\$6,696.00
382	Fairmont Office, 1000 Technology Drive, Suite 3220, Fairmont, WV 26554							24	\$0.00
383	Logan Office, 1101 George Kostas Dr., Logan, 25601							24	\$0.00
384	Fayetteville Office, 1159 Nick Rahall Greenway, Fayetteville, WV 25840						\$131.00	24	\$3,144.00
385	Parkersburg Office, 2311 Ohio Ave., Parkersburg, WV 26010						\$154.00	24	\$3,696.00
386	Philippi Office, 47 School Street, Philippi, WV 26416						\$280.00	24	\$6,720.00
387	Romney Office, 22288 Northwestern Pike, Romney, WV 26757							24	\$0.00
388	Other locations as Cost Per Mile to pickup site							24	\$0.00
389	24 Hour Turn-Around Rush Order fee, per sample						150%	10	
390	48 Hour Turn-Around Rush Order fee, per sample						100%	10	
391	72 Hour Turn-Around Rush Order fee, per sample						75%	10	
	TOTAL								\$1,325,102.00

Quantities listed on the bid schedule are for bid evaluation purposes only and are not a guarantee of quantities to be ordered over the life of the contract. Actual quantities may be more or less than those stated on this schedule. Prices must be entered as dollars and cents.

Company: ALS Group USA Corp dba ALS Environmental
Name: Rebecca Kiser
Signature: Brian Quinn Date: 01.27.2025



CERTIFICATE OF LIABILITY INSURANCE

DATE(MM/DD/YYYY)
09/26/2024

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 Aon Risk Services Southwest, Inc. Houston TX Office 1300 Post Oak Blvd., Suite 1400 Houston TX 77056 USA	CONTACT NAME: PHONE (A/C. No. Ext): (866) 283-7122 FAX (A/C. No.): (800) 363-0105 E-MAIL ADDRESS:														
INSURED ALS Group USA, Corp. 10450 Stanciliff Houston TX 77099 USA	<table><tr><th>INSURER(S) AFFORDING COVERAGE</th><th>NAIC #</th></tr><tr><td>INSURER A: Starr Indemnity & Liability Company</td><td>38318</td></tr><tr><td>INSURER B: XL Insurance America Inc</td><td>24554</td></tr><tr><td>INSURER C: XL Insurance Company SE</td><td>AA1121547</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></table>	INSURER(S) AFFORDING COVERAGE	NAIC #	INSURER A: Starr Indemnity & Liability Company	38318	INSURER B: XL Insurance America Inc	24554	INSURER C: XL Insurance Company SE	AA1121547	INSURER D:		INSURER E:		INSURER F:	
INSURER(S) AFFORDING COVERAGE	NAIC #														
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INSURER D:															
INSURER E:															
INSURER F:															

COVERAGES

CERTIFICATE NUMBER: 570108477432

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.

Limits shown are as requested

INSR LTR		TYPE OF INSURANCE		ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS		
B	X	COMMERCIAL GENERAL LIABILITY				US00011819LI24A	09/30/2024	09/30/2025	EACH OCCURRENCE		\$2,000,000
		CLAIMS-MADE	X	OCCUR	DAMAGE TO RENTED PREMISES (Ea occurrence)				\$100,000		
				MED EXP (Any one person)					\$5,000		
				PERSONAL & ADV INJURY					\$1,000,000		
	GEN'L AGGREGATE LIMIT APPLIES PER:			GENERAL AGGREGATE					\$3,000,000		
		POLICY	X	PRO-JECT					LOC	PRODUCTS - COMP/OP AGG	\$3,000,000
		OTHER:									
A	AUTOMOBILE LIABILITY					1000679505241	09/30/2024	09/30/2025	COMBINED SINGLE LIMIT (Ea accident)		\$2,000,000
	X	ANY AUTO			BODILY INJURY (Per person)						
		OWNED AUTOS ONLY		SCHEDULED AUTOS	BODILY INJURY (Per accident)						
		HIRED AUTOS ONLY		NON-OWNED AUTOS ONLY	PROPERTY DAMAGE (Per accident)						
C	X	UMBRELLA LIAB	X	OCCUR		AU00001947LI24A	09/30/2024	09/30/2025	EACH OCCURRENCE		\$10,000,000
		EXCESS LIAB		CLAIMS-MADE	AGGREGATE				\$10,000,000		
		DED		RETENTION							
A	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY					1000003870	09/30/2024	09/30/2025	X PER STATUTE		OTH-ER
	ANY PROPRIETOR / PARTNER / EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH)			Y / N	E.L. EACH ACCIDENT				\$1,000,000		
	If yes, describe under DESCRIPTION OF OPERATIONS below			N	E.L. DISEASE-EA EMPLOYEE				\$1,000,000		
				N / A	E.L. DISEASE-POLICY LIMIT				\$1,000,000		
C	Contractors Pollution Liability					AU00010155LI24A	09/30/2024	09/30/2025	Per Occ/Aggregate		\$10,000,000

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

Subject always to policy terms, conditions and exclusions the General Liability, Auto Liability, Umbrella/Excess, Pollution and Professional Liability policies includes a Blanket Additional Insured Endorsement but only to the extent of risk and liabilities assumed by the named insured in a signed written contract. Subject always to policy terms, conditions and exclusions the General Liability, Auto Liability, Umbrella Liability, workers Compensation and Pollution and Professional Liability policies includes a Blanket Waiver of Subrogation Endorsement but only to the extent of risk and liabilities assumed by the named insured in a signed written contract.

CERTIFICATE HOLDER**CANCELLATION**

CERTIFICATE HOLDER WV Department of Environmental Protection 601 57th Street, S.E. Charleston WV 25304 USA	CANCELLATION 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 <i>Aon Risk Services Southwest Inc</i>
---	---

Holder Identifier :

Certificate No : 570108477432



INSURER(S) AFFORDING COVERAGE	NAIC #
INSURER	
INSURER	
INSURER	
INSURER	

[illegible]



west virginia department of environmental protection

ALS Environmental- Holland, MI

3352 128th Avenue
Holland, MI 49424

State Lab ID: 355
Effective Date: 08/31/2019
Expiration Date: 08/31/2025
Document ID: WV-C24-00096

This laboratory is hereby certified to perform analyses for the purpose of determining compliance with the requirements of the state's natural resources and environmental programs where required by an order issued by the agency or required by statute. This certificate does not guarantee the validity of data generated, but indicates the methodology, equipment, quality control procedures, records, and proficiency of the laboratory have been examined and found to be acceptable.

Carra B. Fleck

Issued By: Carra Fleck, QA Officer
Date Issued: 06/24/2024

Laboratory Fields of Accreditation

Matrix	Method	Method Code	Analyte	Analyte Code	AB
NPW	EPA 1000.0 - Fathead minnow, 7-day Chronic, daily renewal, 20% DMW, 25°C (FoPT) (2002)	10214003	IC25 (ON) Growth	3470	WV
NPW	EPA 1000.0 - Fathead minnow, 7-day Chronic, daily renewal, 20% DMW, 25°C (FoPT) (2002)	10214003	NOEC (ON) Growth	3475	WV
NPW	EPA 1000.0 - Fathead minnow, 7-day Chronic, daily renewal, 20% DMW, 25°C (FoPT) (2002)	10214003	NOEC Survival	3465	WV
NPW	EPA 1000.0 - Fathead minnow, 7-day Chronic, daily renewal, MHSF, 25°C (FoPT) (2002)	10214207	IC25 (ON) Growth	3470	WV
NPW	EPA 1000.0 - Fathead minnow, 7-day Chronic, daily renewal, MHSF, 25°C (FoPT) (2002)	10214207	NOEC (ON) Growth	3475	WV
NPW	EPA 1000.0 - Fathead minnow, 7-day Chronic, daily renewal, MHSF, 25°C (FoPT) (2002)	10214207	NOEC Survival	3465	WV
NPW	EPA 1002.0 - Ceriodaphnia dubia, 3-Brood Chronic, daily renewal, 20% DMW, 25°C (FoPT) (2002)	10253028	IC25 Reproduction	3480	WV
NPW	EPA 1002.0 - Ceriodaphnia dubia, 3-Brood Chronic, daily renewal, 20% DMW, 25°C (FoPT) (2002)	10253028	NOEC Reproduction	3485	WV
NPW	EPA 1002.0 - Ceriodaphnia dubia, 3-Brood Chronic, daily renewal, 20% DMW, 25°C (FoPT) (2002)	10253028	NOEC Survival	3465	WV
NPW	EPA 1002.0 - Ceriodaphnia dubia, 3-Brood Chronic, daily renewal, MHSF, 25°C (FoPT) (2002)	10253040	IC25 Reproduction	3480	WV
NPW	EPA 1002.0 - Ceriodaphnia dubia, 3-Brood Chronic, daily renewal, MHSF, 25°C (FoPT) (2002)	10253040	NOEC Reproduction	3485	WV
NPW	EPA 1002.0 - Ceriodaphnia dubia, 3-Brood Chronic, daily renewal, MHSF, 25°C (FoPT) (2002)	10253040	NOEC Survival	3465	WV

NPW	EPA 160.4 (1979)	10256801	Residue-volatile	1970	WV
NPW	EPA 1633 (24-Jan)	10123463	11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11-Cl-PF3OUdS)	9490	WV
NPW	EPA 1633 (24-Jan)	10123463	1H, 1H, 2H, 2H-Perfluorodecanesulfonic acid (8:2 FTS)	6948	WV
NPW	EPA 1633 (24-Jan)	10123463	1H, 1H, 2H, 2H-Perfluorohexanesulfonic acid (4:2 FTS)	6946	WV
NPW	EPA 1633 (24-Jan)	10123463	1H, 1H, 2H, 2H-Perfluorooctanesulfonic acid (6:2 FTS)	6947	WV
NPW	EPA 1633 (24-Jan)	10123463	2H,2H,3H,3H-Perfluorodecanoic acid (7:3 FTCA)	9340	WV
NPW	EPA 1633 (24-Jan)	10123463	2H,2H,3H,3H-Perfluorooctanoic acid (5:3 FTCA)	9338	WV
NPW	EPA 1633 (24-Jan)	10123463	4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3 FTCA)	9353	WV
NPW	EPA 1633 (24-Jan)	10123463	9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9-Cl-PF3ONS)	6952	WV
NPW	EPA 1633 (24-Jan)	10123463	Ammonium 4,8-Dioxa-3H-Perfluorononanoate (ADONA)	6953	WV
NPW	EPA 1633 (24-Jan)	10123463	Hexafluoropropyleneoxide dimer acid (HFPO-DA) (GenX)	9460	WV
NPW	EPA 1633 (24-Jan)	10123463	N-Ethylperfluorooctane sulfonamide (EtFOSAm)	9395	WV
NPW	EPA 1633 (24-Jan)	10123463	N-Ethylperfluorooctane sulfonamido acetic acid (NEtFOSAA)	4846	WV
NPW	EPA 1633 (24-Jan)	10123463	N-Ethylperfluorooctane sulfonamido ethanol (EtFOSE)	9431	WV
NPW	EPA 1633 (24-Jan)	10123463	N-Methylperfluorooctane sulfonamide (MeFOSA)	9433	WV
NPW	EPA 1633 (24-Jan)	10123463	N-Methylperfluorooctane sulfonamido acetic acid (NMeFOSAA)	4847	WV
NPW	EPA 1633 (24-Jan)	10123463	N-Methylperfluorooctane sulfonamido ethanol (MeFOSE)	6949	WV
NPW	EPA 1633 (24-Jan)	10123463	Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	6956	WV
NPW	EPA 1633 (24-Jan)	10123463	Perfluoro(2-ethoxyethane) sulfonic acid (PFEEESA)	6957	WV
NPW	EPA 1633 (24-Jan)	10123463	Perfluoro-3-methoxypropanoic acid (PFMPA)	6965	WV
NPW	EPA 1633 (24-Jan)	10123463	Perfluoro-4-methoxybutanoic acid (PFMBA)	6966	WV
NPW	EPA 1633 (24-Jan)	10123463	Perfluorobutane sulfonic acid	6918	WV

			(PFBS)		
NPW	EPA 1633 (24-Jan)	10123463	Perfluorobutanoic acid (PFBA)	6915	WV
NPW	EPA 1633 (24-Jan)	10123463	Perfluorodecane sulfonic acid (PFDS)	6920	WV
NPW	EPA 1633 (24-Jan)	10123463	Perfluorodecanoic acid (PFDA)	6905	WV
NPW	EPA 1633 (24-Jan)	10123463	Perfluorododecane sulfonic acid (PFDoS)	6923	WV
NPW	EPA 1633 (24-Jan)	10123463	Perfluorododecanoic acid (PFDOA)	6903	WV
NPW	EPA 1633 (24-Jan)	10123463	Perfluoroheptane sulfonic acid (PFHpS)	9470	WV
NPW	EPA 1633 (24-Jan)	10123463	Perfluoroheptanoic acid (PFHpA)	6908	WV
NPW	EPA 1633 (24-Jan)	10123463	Perfluorohexane sulfonic acid (PFHxS)	6927	WV
NPW	EPA 1633 (24-Jan)	10123463	Perfluorohexanoic acid (PFHxA)	6913	WV
NPW	EPA 1633 (24-Jan)	10123463	Perfluorononane sulfonic acid (PFNS)	6929	WV
NPW	EPA 1633 (24-Jan)	10123463	Perfluorononanoic acid (PFNA)	6906	WV
NPW	EPA 1633 (24-Jan)	10123463	Perfluorooctane sulfonamide (PFOSAm)	6917	WV
NPW	EPA 1633 (24-Jan)	10123463	Perfluorooctane sulfonic acid (PFOS)	6931	WV
NPW	EPA 1633 (24-Jan)	10123463	Perfluorooctanoic acid (PFOA)	6912	WV
NPW	EPA 1633 (24-Jan)	10123463	Perfluoropentane sulfonic acid (PFPeS)	6934	WV
NPW	EPA 1633 (24-Jan)	10123463	Perfluoropentanoic acid (PFPeA)	6914	WV
NPW	EPA 1633 (24-Jan)	10123463	Perfluorotetradecanoic acid (PFTDA)	6902	WV
NPW	EPA 1633 (24-Jan)	10123463	Perfluorotridecanoic acid (PFTrDA)	9563	WV
NPW	EPA 1633 (24-Jan)	10123463	Perfluoroundecanoic acid (PFUnDA)	6904	WV
NPW	EPA 1664A (1999)	10127807	n-Hexane Extractable Material (O&G)	1803	WV
NPW	EPA 200.7 (4.4, 1994)	10013806	Aluminum	1000	WV
NPW	EPA 200.7 (4.4, 1994)	10013806	Antimony	1005	WV
NPW	EPA 200.7 (4.4, 1994)	10013806	Arsenic	1010	WV
NPW	EPA 200.7 (4.4, 1994)	10013806	Barium	1015	WV
NPW	EPA 200.7 (4.4, 1994)	10013806	Beryllium	1020	WV
NPW	EPA 200.7 (4.4, 1994)	10013806	Boron	1025	WV
NPW	EPA 200.7 (4.4, 1994)	10013806	Cadmium	1030	WV
NPW	EPA 200.7 (4.4, 1994)	10013806	Calcium	1035	WV
NPW	EPA 200.7 (4.4, 1994)	10013806	Chromium	1040	WV
NPW	EPA 200.7 (4.4, 1994)	10013806	Cobalt	1050	WV
NPW	EPA 200.7 (4.4, 1994)	10013806	Copper	1055	WV
NPW	EPA 200.7 (4.4, 1994)	10013806	Iron	1070	WV
NPW	EPA 200.7 (4.4, 1994)	10013806	Lead	1075	WV

WEST VIRGINIA Accreditation Certificate

ALS Environmental- Holland, MI

State Lab ID: 355

Document ID: WV-C24-00096

Effective Date: 08/31/2019

Expiration Date: 08/31/2025

NPW	EPA 200.7 (4.4, 1994)	10013806	Magnesium	1085	WV
NPW	EPA 200.7 (4.4, 1994)	10013806	Manganese	1090	WV
NPW	EPA 200.7 (4.4, 1994)	10013806	Molybdenum	1100	WV
NPW	EPA 200.7 (4.4, 1994)	10013806	Nickel	1105	WV
NPW	EPA 200.7 (4.4, 1994)	10013806	Potassium	1125	WV
NPW	EPA 200.7 (4.4, 1994)	10013806	Selenium	1140	WV
NPW	EPA 200.7 (4.4, 1994)	10013806	Silver	1150	WV
NPW	EPA 200.7 (4.4, 1994)	10013806	Sodium	1155	WV
NPW	EPA 200.7 (4.4, 1994)	10013806	Thallium	1165	WV
NPW	EPA 200.7 (4.4, 1994)	10013806	Tin	1175	WV
NPW	EPA 200.7 (4.4, 1994)	10013806	Titanium	1180	WV
NPW	EPA 200.7 (4.4, 1994)	10013806	Vanadium	1185	WV
NPW	EPA 200.7 (4.4, 1994)	10013806	Zinc	1190	WV
NPW	EPA 200.8 (5.4, 1994)	10014605	Aluminum	1000	WV
NPW	EPA 200.8 (5.4, 1994)	10014605	Antimony	1005	WV
NPW	EPA 200.8 (5.4, 1994)	10014605	Arsenic	1010	WV
NPW	EPA 200.8 (5.4, 1994)	10014605	Barium	1015	WV
NPW	EPA 200.8 (5.4, 1994)	10014605	Beryllium	1020	WV
NPW	EPA 200.8 (5.4, 1994)	10014605	Boron	1025	WV
NPW	EPA 200.8 (5.4, 1994)	10014605	Cadmium	1030	WV
NPW	EPA 200.8 (5.4, 1994)	10014605	Calcium	1035	WV
NPW	EPA 200.8 (5.4, 1994)	10014605	Chromium	1040	WV
NPW	EPA 200.8 (5.4, 1994)	10014605	Cobalt	1050	WV
NPW	EPA 200.8 (5.4, 1994)	10014605	Copper	1055	WV
NPW	EPA 200.8 (5.4, 1994)	10014605	Iron	1070	WV
NPW	EPA 200.8 (5.4, 1994)	10014605	Lead	1075	WV
NPW	EPA 200.8 (5.4, 1994)	10014605	Magnesium	1085	WV
NPW	EPA 200.8 (5.4, 1994)	10014605	Manganese	1090	WV
NPW	EPA 200.8 (5.4, 1994)	10014605	Molybdenum	1100	WV
NPW	EPA 200.8 (5.4, 1994)	10014605	Nickel	1105	WV
NPW	EPA 200.8 (5.4, 1994)	10014605	Potassium	1125	WV
NPW	EPA 200.8 (5.4, 1994)	10014605	Selenium	1140	WV
NPW	EPA 200.8 (5.4, 1994)	10014605	Silver	1150	WV
NPW	EPA 200.8 (5.4, 1994)	10014605	Sodium	1155	WV
NPW	EPA 200.8 (5.4, 1994)	10014605	Thallium	1165	WV
NPW	EPA 200.8 (5.4, 1994)	10014605	Tin	1175	WV
NPW	EPA 200.8 (5.4, 1994)	10014605	Titanium	1180	WV
NPW	EPA 200.8 (5.4, 1994)	10014605	Vanadium	1185	WV
NPW	EPA 200.8 (5.4, 1994)	10014605	Zinc	1190	WV
NPW	EPA 2000.0 - Fathead Minnow, 48-hr Acute,	10213419	LC50	3460	WV

	nonrenewal, 20% DMW, 25°C (FoPT) (5th Ed, 2002)				
NPW	EPA 2000.0 - Fathead Minnow, 48-hr Acute, nonrenewal, 20% DMW, 25°C (FoPT) (5th Ed, 2002)	10213419	NOEC Survival	3465	WV
NPW	EPA 2000.0 - Fathead minnow, 48-hr Acute, nonrenewal, MHSF, 25°C (FoPT) (5th Ed, 2002)	10213602	LC50	3460	WV
NPW	EPA 2000.0 - Fathead minnow, 48-hr Acute, nonrenewal, MHSF, 25°C (FoPT) (5th Ed, 2002)	10213602	NOEC Survival	3465	WV
NPW	EPA 2002.0 - Ceriodaphnia dubia, 48-hr Acute, nonrenewal, 20% DMW, 25°C (FoPT) (5th Ed, 2002)	10213624	LC50	3460	WV
NPW	EPA 2002.0 - Ceriodaphnia dubia, 48-hr Acute, nonrenewal, 20% DMW, 25°C (FoPT) (5th Ed, 2002)	10213624	NOEC Survival	3465	WV
NPW	EPA 2002.0 - Ceriodaphnia dubia, 48-hr Acute, nonrenewal, MHSF, 25°C (FoPT) (5th Ed, 2002)	10213646	LC50	3460	WV
NPW	EPA 2002.0 - Ceriodaphnia dubia, 48-hr Acute, nonrenewal, MHSF, 25°C (FoPT) (5th Ed, 2002)	10213646	NOEC Survival	3465	WV
NPW	EPA 2002.0 - Ceriodaphnia dubia, 48-hr Acute, renewal, MHSF, 25°C (5th Ed, 2002)	10214809	LC50	3460	WV
NPW	EPA 2002.0 - Ceriodaphnia dubia, 48-hr Acute, renewal, MHSF, 25°C (5th Ed, 2002)	10214809	NOEC Survival	3465	WV
NPW	EPA 2019.0 - Rainbow Trout (Oncorhynchus mykiss), 48-hr Acute, nonrenewal, FSW, 25°C (5th Ed, 2002)	10402832	LC50	3460	WV
NPW	EPA 2019.0 - Rainbow Trout (Oncorhynchus mykiss), 48-hr Acute, nonrenewal, FSW, 25°C (5th Ed, 2002)	10402832	NOEC Survival	3465	WV
NPW	EPA 2021.0 - Daphnia magna, 48-hr Acute, nonrenewal, MHSF 20deg C (5th Ed, 2002)	10215404	LC50	3460	WV
NPW	EPA 2021.0 - Daphnia magna, 48-hr Acute, nonrenewal, MHSF 20deg C (5th Ed, 2002)	10215404	NOEC Survival	3465	WV
NPW	EPA 2021.0 - Daphnia magna, 48-hr Acute, nonrenewal,	10215415	LC50	3460	WV

	MHSF, 25deg C (FoPT) (5th Ed, 2002)				
NPW	EPA 2021.0 - Daphnia magna, 48-hr Acute, nonrenewal, MHSF, 25deg C (FoPT) (5th Ed, 2002)	10215415	NOEC Survival	3465	WV
NPW	EPA 2021.0 - Daphnia pulex, 48-hr Acute, nonrenewal, MHSF 20deg C (5th Ed, 2002)	10215608	LC50	3460	WV
NPW	EPA 2021.0 - Daphnia pulex, 48-hr Acute, nonrenewal, MHSF 20deg C (5th Ed, 2002)	10215608	NOEC Survival	3465	WV
NPW	EPA 2021.0 - Daphnia pulex, 48-hr Acute, nonrenewal, MHSF 25deg C (FoPT) (5th Ed, 2002)	10215619	LC50	3460	WV
NPW	EPA 2021.0 - Daphnia pulex, 48-hr Acute, nonrenewal, MHSF 25deg C (FoPT) (5th Ed, 2002)	10215619	NOEC Survival	3465	WV
NPW	EPA 300.0 (2.1, 1993)	10053200	Bromide	1540	WV
NPW	EPA 300.0 (2.1, 1993)	10053200	Chloride	1575	WV
NPW	EPA 300.0 (2.1, 1993)	10053200	Fluoride	1730	WV
NPW	EPA 300.0 (2.1, 1993)	10053200	Nitrate as N	1810	WV
NPW	EPA 300.0 (2.1, 1993)	10053200	Nitrate plus Nitrite as N	1820	WV
NPW	EPA 300.0 (2.1, 1993)	10053200	Nitrite as N	1840	WV
NPW	EPA 300.0 (2.1, 1993)	10053200	Sulfate	2000	WV
NPW	EPA 335.4 (1, 1993)	10061402	Total Cyanide	1645	WV
NPW	EPA 350.1 (2, 1993)	10063602	Ammonia as N	1515	WV
NPW	EPA 353.2 (2, 1993)	10067604	Nitrate plus Nitrite as N	1820	WV
NPW	EPA 353.2 (2, 1993)	10067604	Nitrite as N	1840	WV
NPW	EPA 353.2 (calc)	10238809	Nitrate as N	1810	WV
NPW	EPA 365.1 (2, 1993)	10070005	Orthophosphate as P	1870	WV
NPW	EPA 365.1 (2, 1993)	10070005	Total Phosphorus	1910	WV
NPW	EPA 410.4 (2, 1993)	10077404	Chemical Oxygen Demand (COD)	1565	WV
NPW	EPA 410.4 (2, 1993)	10077404	Chemical Oxygen Demand (COD)	1565	WV
NPW	EPA 420.4 (1, 1993)	10080203	Total Phenolics	1905	WV
NPW	EPA 608.3 GC-ECD (2016)	10296614	4,4'-DDD	7355	WV
NPW	EPA 608.3 GC-ECD (2016)	10296614	4,4'-DDE	7360	WV
NPW	EPA 608.3 GC-ECD (2016)	10296614	4,4'-DDT	7365	WV
NPW	EPA 608.3 GC-ECD (2016)	10296614	Aldrin	7025	WV
NPW	EPA 608.3 GC-ECD (2016)	10296614	alpha-BHC (alpha-Hexachlorocyclohexane)	7110	WV
NPW	EPA 608.3 GC-ECD (2016)	10296614	Aroclor-1016 (PCB-1016)	8880	WV
NPW	EPA 608.3 GC-ECD (2016)	10296614	Aroclor-1221 (PCB-1221)	8885	WV

NPW	EPA 608.3 GC-ECD (2016)	10296614	Aroclor-1232 (PCB-1232)	8890	WV
NPW	EPA 608.3 GC-ECD (2016)	10296614	Aroclor-1242 (PCB-1242)	8895	WV
NPW	EPA 608.3 GC-ECD (2016)	10296614	Aroclor-1248 (PCB-1248)	8900	WV
NPW	EPA 608.3 GC-ECD (2016)	10296614	Aroclor-1254 (PCB-1254)	8905	WV
NPW	EPA 608.3 GC-ECD (2016)	10296614	Aroclor-1260 (PCB-1260)	8910	WV
NPW	EPA 608.3 GC-ECD (2016)	10296614	Aroclor-1268 (PCB-1268)	8913	WV
NPW	EPA 608.3 GC-ECD (2016)	10296614	beta-BHC (beta-Hexachlorocyclohexane)	7115	WV
NPW	EPA 608.3 GC-ECD (2016)	10296614	Chlordane (tech.)	7250	WV
NPW	EPA 608.3 GC-ECD (2016)	10296614	delta-BHC	7105	WV
NPW	EPA 608.3 GC-ECD (2016)	10296614	Dieldrin	7470	WV
NPW	EPA 608.3 GC-ECD (2016)	10296614	Endosulfan I	7510	WV
NPW	EPA 608.3 GC-ECD (2016)	10296614	Endosulfan II	7515	WV
NPW	EPA 608.3 GC-ECD (2016)	10296614	Endosulfan sulfate	7520	WV
NPW	EPA 608.3 GC-ECD (2016)	10296614	Endrin	7540	WV
NPW	EPA 608.3 GC-ECD (2016)	10296614	Endrin aldehyde	7530	WV
NPW	EPA 608.3 GC-ECD (2016)	10296614	Endrin ketone	7535	WV
NPW	EPA 608.3 GC-ECD (2016)	10296614	gamma-BHC (Lindane, gamma-Hexachlorocyclohexane)	7120	WV
NPW	EPA 608.3 GC-ECD (2016)	10296614	Heptachlor	7685	WV
NPW	EPA 608.3 GC-ECD (2016)	10296614	Heptachlor epoxide	7690	WV
NPW	EPA 608.3 GC-ECD (2016)	10296614	Methoxychlor	7810	WV
NPW	EPA 608.3 GC-ECD (2016)	10296614	Toxaphene (Chlorinated Camphene)	8250	WV
NPW	EPA 624.1 (2016)	10298121	1,1,1,2-Tetrachloroethane	5105	WV
NPW	EPA 624.1 (2016)	10298121	1,1,1-Trichloroethane	5160	WV
NPW	EPA 624.1 (2016)	10298121	1,1,2,2-Tetrachloroethane	5110	WV
NPW	EPA 624.1 (2016)	10298121	1,1,2-Trichloroethane	5165	WV
NPW	EPA 624.1 (2016)	10298121	1,1-Dichloroethane	4630	WV
NPW	EPA 624.1 (2016)	10298121	1,1-Dichloroethylene	4640	WV
NPW	EPA 624.1 (2016)	10298121	1,1-Dichloropropene	4670	WV
NPW	EPA 624.1 (2016)	10298121	1,2,3-Trichlorobenzene	5150	WV
NPW	EPA 624.1 (2016)	10298121	1,2,3-Trichloropropane	5180	WV
NPW	EPA 624.1 (2016)	10298121	1,2,3-Trimethylbenzene	5182	WV
NPW	EPA 624.1 (2016)	10298121	1,2,4-Trimethylbenzene	5210	WV
NPW	EPA 624.1 (2016)	10298121	1,2-Dibromo-3-chloropropane (DBCP)	4570	WV
NPW	EPA 624.1 (2016)	10298121	1,2-Dibromoethane (EDB, Ethylene dibromide)	4585	WV
NPW	EPA 624.1 (2016)	10298121	1,2-Dichlorobenzene (o-Dichlorobenzene)	4610	WV
NPW	EPA 624.1 (2016)	10298121	1,2-Dichloroethane (Ethylene dichloride)	4635	WV
NPW	EPA 624.1 (2016)	10298121	1,2-Dichloropropane	4655	WV

NPW	EPA 624.1 (2016)	10298121	1,3,5-Trimethylbenzene	5215	WV
NPW	EPA 624.1 (2016)	10298121	1,3-Dichlorobenzene (m-Dichlorobenzene)	4615	WV
NPW	EPA 624.1 (2016)	10298121	1,3-Dichloropropane	4660	WV
NPW	EPA 624.1 (2016)	10298121	1,4-Dichlorobenzene (p-Dichlorobenzene)	4620	WV
NPW	EPA 624.1 (2016)	10298121	1,4-Dioxane (1,4- Diethyleneoxide)	4735	WV
NPW	EPA 624.1 (2016)	10298121	2,2-Dichloropropane	4665	WV
NPW	EPA 624.1 (2016)	10298121	2-Butanone (Methyl ethyl ketone, MEK)	4410	WV
NPW	EPA 624.1 (2016)	10298121	2-Chloroethyl vinyl ether	4500	WV
NPW	EPA 624.1 (2016)	10298121	2-Chlorotoluene	4535	WV
NPW	EPA 624.1 (2016)	10298121	2-Hexanone	4860	WV
NPW	EPA 624.1 (2016)	10298121	4-Chlorotoluene	4540	WV
NPW	EPA 624.1 (2016)	10298121	4-Isopropyltoluene (p-Cymene)	4910	WV
NPW	EPA 624.1 (2016)	10298121	4-Methyl-2-pentanone (MIBK)	4995	WV
NPW	EPA 624.1 (2016)	10298121	Acetone	4315	WV
NPW	EPA 624.1 (2016)	10298121	Acetonitrile	4320	WV
NPW	EPA 624.1 (2016)	10298121	Acrolein (Propenal)	4325	WV
NPW	EPA 624.1 (2016)	10298121	Acrylonitrile	4340	WV
NPW	EPA 624.1 (2016)	10298121	Allyl chloride (3-Chloropropene)	4355	WV
NPW	EPA 624.1 (2016)	10298121	Benzene	4375	WV
NPW	EPA 624.1 (2016)	10298121	Benzyl chloride	5635	WV
NPW	EPA 624.1 (2016)	10298121	Bromobenzene	4385	WV
NPW	EPA 624.1 (2016)	10298121	Bromochloromethane	4390	WV
NPW	EPA 624.1 (2016)	10298121	Bromodichloromethane	4395	WV
NPW	EPA 624.1 (2016)	10298121	Bromoform	4400	WV
NPW	EPA 624.1 (2016)	10298121	Carbon disulfide	4450	WV
NPW	EPA 624.1 (2016)	10298121	Carbon tetrachloride	4455	WV
NPW	EPA 624.1 (2016)	10298121	Chlorobenzene	4475	WV
NPW	EPA 624.1 (2016)	10298121	Chlorodibromomethane	4575	WV
NPW	EPA 624.1 (2016)	10298121	Chloroform	4505	WV
NPW	EPA 624.1 (2016)	10298121	Chloroprene (2-Chloro-1,3-butadiene)	4525	WV
NPW	EPA 624.1 (2016)	10298121	cis-1,2-Dichloroethylene	4645	WV
NPW	EPA 624.1 (2016)	10298121	cis-1,3-Dichloropropene	4680	WV
NPW	EPA 624.1 (2016)	10298121	Cyclohexanone	4560	WV
NPW	EPA 624.1 (2016)	10298121	Di-isopropylether (DIPE)	9375	WV
NPW	EPA 624.1 (2016)	10298121	Dichlorodifluoromethane (Freon-12)	4625	WV
NPW	EPA 624.1 (2016)	10298121	Diethyl ether	4725	WV
NPW	EPA 624.1 (2016)	10298121	Ethanol	4750	WV
NPW	EPA 624.1 (2016)	10298121	Ethyl acetate	4755	WV

NPW	EPA 624.1 (2016)	10298121	Ethyl chloride (Chloroethane)	4775	WV
NPW	EPA 624.1 (2016)	10298121	Ethyl methacrylate	4810	WV
NPW	EPA 624.1 (2016)	10298121	Ethyl-t-butylether (ETBE) (2-Ethoxy-2-methylpropane)	4770	WV
NPW	EPA 624.1 (2016)	10298121	Ethylbenzene	4765	WV
NPW	EPA 624.1 (2016)	10298121	Hexachlorobutadiene	4835	WV
NPW	EPA 624.1 (2016)	10298121	Hexachloroethane	4840	WV
NPW	EPA 624.1 (2016)	10298121	Iodomethane (Methyl iodide)	4870	WV
NPW	EPA 624.1 (2016)	10298121	Isobutyl alcohol (2-Methyl-1-propanol)	4875	WV
NPW	EPA 624.1 (2016)	10298121	Isopropylbenzene	4900	WV
NPW	EPA 624.1 (2016)	10298121	m+p-xylene	5240	WV
NPW	EPA 624.1 (2016)	10298121	Methacrylonitrile	4925	WV
NPW	EPA 624.1 (2016)	10298121	Methyl acetate	4940	WV
NPW	EPA 624.1 (2016)	10298121	Methyl bromide (Bromomethane)	4950	WV
NPW	EPA 624.1 (2016)	10298121	Methyl chloride (Chloromethane)	4960	WV
NPW	EPA 624.1 (2016)	10298121	Methyl methacrylate	4990	WV
NPW	EPA 624.1 (2016)	10298121	Methyl tert-butyl ether (MTBE)	5000	WV
NPW	EPA 624.1 (2016)	10298121	Methylcyclohexane	4965	WV
NPW	EPA 624.1 (2016)	10298121	Methylene chloride (Dichloromethane)	4975	WV
NPW	EPA 624.1 (2016)	10298121	n-Butyl alcohol (1-Butanol, n-Butanol)	4425	WV
NPW	EPA 624.1 (2016)	10298121	n-Butylbenzene	4435	WV
NPW	EPA 624.1 (2016)	10298121	n-Propylbenzene	5090	WV
NPW	EPA 624.1 (2016)	10298121	Naphthalene	5005	WV
NPW	EPA 624.1 (2016)	10298121	o-Xylene	5250	WV
NPW	EPA 624.1 (2016)	10298121	Propionitrile (Ethyl cyanide)	5080	WV
NPW	EPA 624.1 (2016)	10298121	sec-Butylbenzene	4440	WV
NPW	EPA 624.1 (2016)	10298121	Styrene	5100	WV
NPW	EPA 624.1 (2016)	10298121	tert-amyl methyl ether (TAME)	4370	WV
NPW	EPA 624.1 (2016)	10298121	tert-Butyl alcohol (2-Methyl-2-Propanol)	4420	WV
NPW	EPA 624.1 (2016)	10298121	tert-Butylbenzene	4445	WV
NPW	EPA 624.1 (2016)	10298121	Tetrachloroethylene (Perchloroethylene)	5115	WV
NPW	EPA 624.1 (2016)	10298121	Tetrahydrofuran (THF)	5120	WV
NPW	EPA 624.1 (2016)	10298121	Toluene	5140	WV
NPW	EPA 624.1 (2016)	10298121	trans-1,2-Dichloroethylene	4700	WV
NPW	EPA 624.1 (2016)	10298121	trans-1,3-Dichloropropylene	4685	WV
NPW	EPA 624.1 (2016)	10298121	trans-1,4-Dichloro-2-butene	4605	WV
NPW	EPA 624.1 (2016)	10298121	Trichloroethene (Trichloroethylene)	5170	WV
NPW	EPA 624.1 (2016)	10298121	Trichlorofluoromethane	5175	WV

			(Fluorotrichloromethane, Freon 11)		
NPW	EPA 624.1 (2016)	10298121	Vinyl acetate	5225	WV
NPW	EPA 624.1 (2016)	10298121	Vinyl chloride (Chloroethene)	5235	WV
NPW	EPA 625.1 (2016)	10300024	1,2,4,5-Tetrachlorobenzene	6715	WV
NPW	EPA 625.1 (2016)	10300024	1,2,4-Trichlorobenzene	5155	WV
NPW	EPA 625.1 (2016)	10300024	1,2-Dinitrobenzene (1,2-DNB)	6155	WV
NPW	EPA 625.1 (2016)	10300024	1,2-Diphenylhydrazine	6220	WV
NPW	EPA 625.1 (2016)	10300024	1,3,5-Trinitrobenzene (1,3,5-TNB)	6885	WV
NPW	EPA 625.1 (2016)	10300024	1,4-Dinitrobenzene (1,4-DNB)	6165	WV
NPW	EPA 625.1 (2016)	10300024	1,4-Naphthoquinone	6420	WV
NPW	EPA 625.1 (2016)	10300024	1-Naphthylamine	6425	WV
NPW	EPA 625.1 (2016)	10300024	2,2'-Oxybis(1-chloropropane), bis(2-Chloro-1-methylethyl)ether	4659	WV
NPW	EPA 625.1 (2016)	10300024	2,3,4,6-Tetrachlorophenol	6735	WV
NPW	EPA 625.1 (2016)	10300024	2,4,5-Trichlorophenol	6835	WV
NPW	EPA 625.1 (2016)	10300024	2,4,6-Trichlorophenol	6840	WV
NPW	EPA 625.1 (2016)	10300024	2,4-Dichlorophenol	6000	WV
NPW	EPA 625.1 (2016)	10300024	2,4-Dimethylphenol	6130	WV
NPW	EPA 625.1 (2016)	10300024	2,4-Dinitrophenol	6175	WV
NPW	EPA 625.1 (2016)	10300024	2,4-Dinitrotoluene (2,4-DNT)	6185	WV
NPW	EPA 625.1 (2016)	10300024	2,6-Dichlorophenol	6005	WV
NPW	EPA 625.1 (2016)	10300024	2,6-Dinitrotoluene (2,6-DNT)	6190	WV
NPW	EPA 625.1 (2016)	10300024	2-Acetylaminofluorene	5515	WV
NPW	EPA 625.1 (2016)	10300024	2-Chloronaphthalene	5795	WV
NPW	EPA 625.1 (2016)	10300024	2-Chlorophenol	5800	WV
NPW	EPA 625.1 (2016)	10300024	2-Cyclohexyl-4,6-dinitrophenol	5865	WV
NPW	EPA 625.1 (2016)	10300024	2-Methyl-4,6-dinitrophenol (4,6-Dinitro-2-methylphenol)	6360	WV
NPW	EPA 625.1 (2016)	10300024	2-Methylaniline (o-Toluidine)	5145	WV
NPW	EPA 625.1 (2016)	10300024	2-Methylnaphthalene	6385	WV
NPW	EPA 625.1 (2016)	10300024	2-Methylphenol (o-Cresol)	6400	WV
NPW	EPA 625.1 (2016)	10300024	2-Naphthylamine	6430	WV
NPW	EPA 625.1 (2016)	10300024	2-Nitroaniline	6460	WV
NPW	EPA 625.1 (2016)	10300024	2-Nitrophenol	6490	WV
NPW	EPA 625.1 (2016)	10300024	2-Picoline (2-Methylpyridine)	5050	WV
NPW	EPA 625.1 (2016)	10300024	3,3'-Dichlorobenzidine	5945	WV
NPW	EPA 625.1 (2016)	10300024	3,3'-Dimethylbenzidine	6120	WV
NPW	EPA 625.1 (2016)	10300024	3-Methylcholanthrene	6355	WV
NPW	EPA 625.1 (2016)	10300024	3-Methylphenol (m-Cresol)	6405	WV
NPW	EPA 625.1 (2016)	10300024	3-Nitroaniline	6465	WV
NPW	EPA 625.1 (2016)	10300024	4-Aminobiphenyl	5540	WV

NPW	EPA 625.1 (2016)	10300024	4-Bromophenyl phenyl ether (BDE-3)	5660	WV
NPW	EPA 625.1 (2016)	10300024	4-Chloro-3-methylphenol	5700	WV
NPW	EPA 625.1 (2016)	10300024	4-Chloroaniline	5745	WV
NPW	EPA 625.1 (2016)	10300024	4-Chlorophenyl phenylether	5825	WV
NPW	EPA 625.1 (2016)	10300024	4-Dimethyl aminoazobenzene	6105	WV
NPW	EPA 625.1 (2016)	10300024	4-Isopropyltoluene (p-Cymene)	4910	WV
NPW	EPA 625.1 (2016)	10300024	4-Methylphenol (p-Cresol)	6410	WV
NPW	EPA 625.1 (2016)	10300024	4-Nitrophenol	6500	WV
NPW	EPA 625.1 (2016)	10300024	4-Nitroquinoline-1-oxide	6510	WV
NPW	EPA 625.1 (2016)	10300024	5,5-Diphenylhydantoin (Phenytoin)	6215	WV
NPW	EPA 625.1 (2016)	10300024	5-Nitro-o-toluidine	6570	WV
NPW	EPA 625.1 (2016)	10300024	7,12-Dimethylbenz(a)anthracene	6115	WV
NPW	EPA 625.1 (2016)	10300024	a-a-Dimethylphenethylamine	6125	WV
NPW	EPA 625.1 (2016)	10300024	Acenaphthene	5500	WV
NPW	EPA 625.1 (2016)	10300024	Acenaphthylene	5505	WV
NPW	EPA 625.1 (2016)	10300024	Acetophenone	5510	WV
NPW	EPA 625.1 (2016)	10300024	Aniline	5545	WV
NPW	EPA 625.1 (2016)	10300024	Anthracene	5555	WV
NPW	EPA 625.1 (2016)	10300024	Aramite	5560	WV
NPW	EPA 625.1 (2016)	10300024	Atrazine	7065	WV
NPW	EPA 625.1 (2016)	10300024	Benzidine	5595	WV
NPW	EPA 625.1 (2016)	10300024	Benzo(a)anthracene	5575	WV
NPW	EPA 625.1 (2016)	10300024	Benzo(a)pyrene	5580	WV
NPW	EPA 625.1 (2016)	10300024	Benzo(g,h,i)perylene	5590	WV
NPW	EPA 625.1 (2016)	10300024	Benzo(k)fluoranthene	5600	WV
NPW	EPA 625.1 (2016)	10300024	Benzoic acid	5610	WV
NPW	EPA 625.1 (2016)	10300024	Benzo[b]fluoranthene	5585	WV
NPW	EPA 625.1 (2016)	10300024	Benzyl alcohol	5630	WV
NPW	EPA 625.1 (2016)	10300024	Biphenyl	5640	WV
NPW	EPA 625.1 (2016)	10300024	bis(2-Chloroethoxy)methane	5760	WV
NPW	EPA 625.1 (2016)	10300024	bis(2-Chloroethyl) ether	5765	WV
NPW	EPA 625.1 (2016)	10300024	Butyl benzyl phthalate	5670	WV
NPW	EPA 625.1 (2016)	10300024	Carbazole	5680	WV
NPW	EPA 625.1 (2016)	10300024	Chrysene	5855	WV
NPW	EPA 625.1 (2016)	10300024	Di(2-ethylhexyl) phthalate (bis(2-Ethylhexyl)phthalate, DEHP)	6065	WV
NPW	EPA 625.1 (2016)	10300024	Di-n-butyl phthalate	5925	WV
NPW	EPA 625.1 (2016)	10300024	Di-n-octyl phthalate	6200	WV
NPW	EPA 625.1 (2016)	10300024	Diallate	7405	WV
NPW	EPA 625.1 (2016)	10300024	Dibenz(a,h) anthracene	5895	WV

NPW	EPA 625.1 (2016)	10300024	Dibenzofuran	5905	WV
NPW	EPA 625.1 (2016)	10300024	Diethyl phthalate	6070	WV
NPW	EPA 625.1 (2016)	10300024	Dimethyl phthalate	6135	WV
NPW	EPA 625.1 (2016)	10300024	Dinoseb (2-sec-butyl-4,6-dinitrophenol, DNBP)	8620	WV
NPW	EPA 625.1 (2016)	10300024	Diphenylamine	6205	WV
NPW	EPA 625.1 (2016)	10300024	Ethyl methanesulfonate	6260	WV
NPW	EPA 625.1 (2016)	10300024	Fluoranthene	6265	WV
NPW	EPA 625.1 (2016)	10300024	Fluorene	6270	WV
NPW	EPA 625.1 (2016)	10300024	Hexachlorobenzene	6275	WV
NPW	EPA 625.1 (2016)	10300024	Hexachlorobutadiene	4835	WV
NPW	EPA 625.1 (2016)	10300024	Hexachlorocyclopentadiene	6285	WV
NPW	EPA 625.1 (2016)	10300024	Hexachloroethane	4840	WV
NPW	EPA 625.1 (2016)	10300024	Hexachloropropene	6295	WV
NPW	EPA 625.1 (2016)	10300024	Indeno(1,2,3-cd) pyrene	6315	WV
NPW	EPA 625.1 (2016)	10300024	Isophorone	6320	WV
NPW	EPA 625.1 (2016)	10300024	Isosafrole	6325	WV
NPW	EPA 625.1 (2016)	10300024	Kepone	7740	WV
NPW	EPA 625.1 (2016)	10300024	Methapyrilene	6345	WV
NPW	EPA 625.1 (2016)	10300024	n-Nitroso-di-n-butylamine	5025	WV
NPW	EPA 625.1 (2016)	10300024	n-Nitrosodi-n-propylamine	6545	WV
NPW	EPA 625.1 (2016)	10300024	n-Nitrosodiethylamine	6525	WV
NPW	EPA 625.1 (2016)	10300024	n-Nitrosodimethylamine	6530	WV
NPW	EPA 625.1 (2016)	10300024	n-Nitrosodiphenylamine	6535	WV
NPW	EPA 625.1 (2016)	10300024	n-Nitrosomethylethylamine	6550	WV
NPW	EPA 625.1 (2016)	10300024	n-Nitrosomorpholine	6555	WV
NPW	EPA 625.1 (2016)	10300024	n-Nitrosopyrrolidine	6565	WV
NPW	EPA 625.1 (2016)	10300024	Naphthalene	5005	WV
NPW	EPA 625.1 (2016)	10300024	Nitrobenzene	5015	WV
NPW	EPA 625.1 (2016)	10300024	Pentachlorobenzene	6590	WV
NPW	EPA 625.1 (2016)	10300024	Pentachloroethane	5035	WV
NPW	EPA 625.1 (2016)	10300024	Pentachloronitrobenzene	6600	WV
NPW	EPA 625.1 (2016)	10300024	Pentachlorophenol	6605	WV
NPW	EPA 625.1 (2016)	10300024	Phenacetin	6610	WV
NPW	EPA 625.1 (2016)	10300024	Phenanthrene	6615	WV
NPW	EPA 625.1 (2016)	10300024	Phenol	6625	WV
NPW	EPA 625.1 (2016)	10300024	Pronamide (Kerb)	6650	WV
NPW	EPA 625.1 (2016)	10300024	Pyrene	6665	WV
NPW	EPA 625.1 (2016)	10300024	Pyridine	5095	WV
NPW	EPA 625.1 (2016)	10300024	Safrole	6685	WV
NPW	EPA 625.1 (2016)	10300024	tris-(2,3-Dibromopropyl) phosphate	8310	WV

			(tris-BP)		
NPW	Kelada-01 (1.2, 2001)	60005303	Total Cyanide	1645	WV
NPW	OIA 1677-09 (2010)	60031450	Available Cyanide	1523	WV
NPW	OIA 1677-09 (2010)	60031450	Available Cyanide	1523	WV
NPW	OIA 1677-09 (2010)	60031450	Free Cyanide	1640	WV
NPW	OIA 1677-09 (2010)	60031450	Free Cyanide	1640	WV
NPW	SM 2130 B-2011 (2011)	20048220	Turbidity	2055	WV
NPW	SM 2310 B-2011 (2011)	20044615	Acidity, as CaCO ₃	1500	WV
NPW	SM 2320 B-2011 (2011)	20045618	Alkalinity as CaCO ₃	1505	WV
NPW	SM 2340 B-2011 (2011)	20046611	Total hardness as CaCO ₃	1755	WV
NPW	SM 2340 C-2011 (2011)	20047614	Total hardness as CaCO ₃	1755	WV
NPW	SM 2510 B-2011 (2011)	20048617	Conductivity	1610	WV
NPW	SM 2540 B-2015 (2015)	20049438	Residue-total (TS)	1950	WV
NPW	SM 2540 C-2015 (2015)	20050435	Residue-filterable (TDS)	1955	WV
NPW	SM 2540 D-2015 (2015)	20051223	Residue-nonfilterable (TSS)	1960	WV
NPW	SM 2540 E-2015 (2015)	20051610	Residue - Fixed	1947	WV
NPW	SM 2540 E-2015 (2015)	20051610	Residue-volatile	1970	WV
NPW	SM 2540 F-2015 (2015)	20052226	Residue-settleable	1965	WV
NPW	SM 2550 B-2010 (2010)	20053229	Temperature, deg. C	2030	WV
NPW	SM 3500-Cr B-2011 (2011)	20066266	Chromium (VI)	1045	WV
NPW	SM 4500-Cl G-2011 (2011)	20081623	Total Residual Chlorine	1940	WV
NPW	SM 4500-Cl ⁻ C-2011 (2011)	20085216	Chloride	1575	WV
NPW	SM 4500-Cl ⁻ E-2011 (2011)	20086811	Chloride	1575	WV
NPW	SM 4500-Cl ⁻ E-2011 (2011)	20086811	Chloride	1575	WV
NPW	SM 4500-CN ⁻ C-2016 (2016)	20065672	Total Cyanide	1645	WV
NPW	SM 4500-CN ⁻ E-2016 (2016)	20096439	Amenable Cyanide	1510	WV
NPW	SM 4500-CN ⁻ E-2016 (2016)	20096439	Total Cyanide	1645	WV
NPW	SM 4500-H ⁺ B-2011 (2011)	20105220	pH	1900	WV
NPW	SM 4500-NH ₃ G-2011 (2011)	20111415	Ammonia as N	1515	WV
NPW	SM 4500-NH ₃ G-2011 (2011)	20111415	Total Kjeldahl Nitrogen (TKN)	1795	WV
NPW	SM 4500-S ₂ ⁻ F-2011 (2011)	20126663	Sulfide	2005	WV
NPW	SM 4500-SO ₄ ⁻ E-2011 (2011)	20132461	Sulfate	2000	WV
NPW	SM 5210 B-2016 (2016)	20135039	Biochemical Oxygen Demand (BOD)	1530	WV
NPW	SM 5210 B-2016 (2016)	20135039	Carbonaceous BOD (CBOD)	1555	WV
NPW	SM 5310 C-2014 (2014)	20138834	Total Organic Carbon (TOC)	2040	WV
NPW	SM 5540 C-2011 (2011)	20145066	Surfactants - MBAS	2025	WV
NPW	ASTM D7979-20 (2020)	30034561	2-Perfluorohexylethanoic acid (6:2 FTCA)	9286	WV
NPW	ASTM D7979-20 (2020)	30034561	2-Perfluorooctyl ethanoic acid (FOEA)	9316	WV
NPW	ASTM D7979-20 (2020)	30034561	2H,2H,3H,3H-Perfluorodecanoic acid (7:3 FTCA)	9340	WV

NPW	ASTM D7979-20 (2020)	30034561	2H-Perfluoro-2-decenoic acid (FOUEA)	4866	WV
NPW	ASTM D7979-20 (2020)	30034561	Perfluorobutane sulfonic acid (PFBS)	6918	WV
NPW	ASTM D7979-20 (2020)	30034561	Perfluorobutanoic acid (PFBA)	6915	WV
NPW	ASTM D7979-20 (2020)	30034561	Perfluorodecanoic acid (PFDA)	6905	WV
NPW	ASTM D7979-20 (2020)	30034561	Perfluorododecanoic acid (PFDOA)	6903	WV
NPW	ASTM D7979-20 (2020)	30034561	Perfluoroheptanoic acid (PFHpA)	6908	WV
NPW	ASTM D7979-20 (2020)	30034561	Perfluorohexane sulfonic acid (PFHxS)	6927	WV
NPW	ASTM D7979-20 (2020)	30034561	Perfluorohexanoic acid (PFHxA)	6913	WV
NPW	ASTM D7979-20 (2020)	30034561	Perfluorononanoic acid (PFNA)	6906	WV
NPW	ASTM D7979-20 (2020)	30034561	Perfluorooctane sulfonic acid (PFOS)	6931	WV
NPW	ASTM D7979-20 (2020)	30034561	Perfluorooctanoic acid (PFOA)	6912	WV
NPW	ASTM D7979-20 (2020)	30034561	Perfluoropentanoic acid (PFPeA)	6914	WV
NPW	ASTM D7979-20 (2020)	30034561	Perfluorotetradecanoic acid (PFTDA)	6902	WV
NPW	ASTM D7979-20 (2020)	30034561	Perfluorotridecanoic acid (PFTTrDA)	9563	WV
NPW	ASTM D7979-20 (2020)	30034561	Perfluoroundecanoic acid (PFUnDA)	6904	WV
NPW	ASTM D7979-20 (2020)	30034561	Potassium perfluoro-4-ethylcyclohexanesulfonate (PFecHS)	6899	WV
NPW	EPA 200.7 (4.4, 1994)	10013806	Strontium	1160	WV
NPW	EPA 200.8 (5.4, 1994)	10014605	Strontium	1160	WV
NPW	Kelada-01 (1.2, 2001)	60005303	Weak Acid Dissociable Cyanide	2074	WV
NPW	SM 4500-CN ⁻ E-2016 (2016)	20096439	Weak Acid Dissociable Cyanide	2074	WV
NPW	EPA 3005A (Update I, 1992)	10133207	Metals Sample Prep	1424	WV
NPW	EPA 3015A (Update IV, 2007)	10134006	Acid Digestion of Aqueous samples and Extracts for Total Metals	1401	WV
NPW	EPA 3510C (Update III, 1996)	10138202	Seperatory Funnel Liquid-Liquid Extraction	1444	WV
NPW	EPA 3511 (Update V, 2014)	10279819	Organic Compounds in Water by Microextraction	7538	WV
NPW	EPA 3630C (Update III, 1996)	10146802	Silica Gel Clean-up	1446	WV
NPW	EPA 3660B (Update III, 1996)	10148400	Sulfur Clean-up	1456	WV
NPW	EPA 5030B (Update III, 1996)	10153409	Aqueous-phase Purge & Trap	1406	WV
NPW	EPA 6010D (2018)	10155949	Aluminum	1000	WV
NPW	EPA 6010D (2018)	10155949	Antimony	1005	WV
NPW	EPA 6010D (2018)	10155949	Arsenic	1010	WV
NPW	EPA 6010D (2018)	10155949	Barium	1015	WV
NPW	EPA 6010D (2018)	10155949	Beryllium	1020	WV
NPW	EPA 6010D (2018)	10155949	Boron	1025	WV
NPW	EPA 6010D (2018)	10155949	Cadmium	1030	WV

NPW	EPA 6010D (2018)	10155949	Calcium	1035	WV
NPW	EPA 6010D (2018)	10155949	Chromium	1040	WV
NPW	EPA 6010D (2018)	10155949	Cobalt	1050	WV
NPW	EPA 6010D (2018)	10155949	Copper	1055	WV
NPW	EPA 6010D (2018)	10155949	Iron	1070	WV
NPW	EPA 6010D (2018)	10155949	Magnesium	1085	WV
NPW	EPA 6010D (2018)	10155949	Manganese	1090	WV
NPW	EPA 6010D (2018)	10155949	Molybdenum	1100	WV
NPW	EPA 6010D (2018)	10155949	Nickel	1105	WV
NPW	EPA 6010D (2018)	10155949	Potassium	1125	WV
NPW	EPA 6010D (2018)	10155949	Selenium	1140	WV
NPW	EPA 6010D (2018)	10155949	Silver	1150	WV
NPW	EPA 6010D (2018)	10155949	Sodium	1155	WV
NPW	EPA 6010D (2018)	10155949	Thallium	1165	WV
NPW	EPA 6010D (2018)	10155949	Tin	1175	WV
NPW	EPA 6010D (2018)	10155949	Titanium	1180	WV
NPW	EPA 6010D (2018)	10155949	Vanadium	1185	WV
NPW	EPA 6010D (2018)	10155949	Zinc	1190	WV
NPW	EPA 6020B (Update V, 2014)	10156420	Aluminum	1000	WV
NPW	EPA 6020B (Update V, 2014)	10156420	Antimony	1005	WV
NPW	EPA 6020B (Update V, 2014)	10156420	Arsenic	1010	WV
NPW	EPA 6020B (Update V, 2014)	10156420	Barium	1015	WV
NPW	EPA 6020B (Update V, 2014)	10156420	Beryllium	1020	WV
NPW	EPA 6020B (Update V, 2014)	10156420	Boron	1025	WV
NPW	EPA 6020B (Update V, 2014)	10156420	Cadmium	1030	WV
NPW	EPA 6020B (Update V, 2014)	10156420	Calcium	1035	WV
NPW	EPA 6020B (Update V, 2014)	10156420	Chromium	1040	WV
NPW	EPA 6020B (Update V, 2014)	10156420	Cobalt	1050	WV
NPW	EPA 6020B (Update V, 2014)	10156420	Copper	1055	WV
NPW	EPA 6020B (Update V, 2014)	10156420	Iron	1070	WV
NPW	EPA 6020B (Update V, 2014)	10156420	Lead	1075	WV
NPW	EPA 6020B (Update V, 2014)	10156420	Magnesium	1085	WV
NPW	EPA 6020B (Update V, 2014)	10156420	Manganese	1090	WV
NPW	EPA 6020B (Update V, 2014)	10156420	Molybdenum	1100	WV
NPW	EPA 6020B (Update V, 2014)	10156420	Nickel	1105	WV
NPW	EPA 6020B (Update V, 2014)	10156420	Potassium	1125	WV
NPW	EPA 6020B (Update V, 2014)	10156420	Selenium	1140	WV
NPW	EPA 6020B (Update V, 2014)	10156420	Silver	1150	WV
NPW	EPA 6020B (Update V, 2014)	10156420	Sodium	1155	WV
NPW	EPA 6020B (Update V, 2014)	10156420	Strontium	1160	WV
NPW	EPA 6020B (Update V, 2014)	10156420	Thallium	1165	WV

NPW	EPA 6020B (Update V, 2014)	10156420	Tin	1175	WV
NPW	EPA 6020B (Update V, 2014)	10156420	Titanium	1180	WV
NPW	EPA 6020B (Update V, 2014)	10156420	Vanadium	1185	WV
NPW	EPA 6020B (Update V, 2014)	10156420	Zinc	1190	WV
NPW	EPA 7196A (Update I, 1992)	10162400	Chromium (VI)	1045	WV
NPW	EPA 8011 (Update I, 1992)	10173009	1,2-Dibromo-3-chloropropane (DBCP)	4570	WV
NPW	EPA 8011 (Update I, 1992)	10173009	1,2-Dibromoethane (EDB, Ethylene dibromide)	4585	WV
NPW	EPA 8015C (Update IV, 2007)	10173816	Diesel Range Organics (DRO)	9369	WV
NPW	EPA 8015C (Update IV, 2007)	10173816	Diethylene glycol	4720	WV
NPW	EPA 8015C (Update IV, 2007)	10173816	Ethylene glycol	4785	WV
NPW	EPA 8015C (Update IV, 2007)	10173816	Gasoline Range Organics (GRO)	9408	WV
NPW	EPA 8015C (Update IV, 2007)	10173816	Oil Range Organics (ORO)	6748	WV
NPW	EPA 8015C (Update IV, 2007)	10173816	Propylene Glycol	6657	WV
NPW	EPA 8015C (Update IV, 2007)	10173816	Triethylene Glycol	9646	WV
NPW	EPA 8081B (Update IV, 2007)	10178811	4,4'-DDD	7355	WV
NPW	EPA 8081B (Update IV, 2007)	10178811	4,4'-DDE	7360	WV
NPW	EPA 8081B (Update IV, 2007)	10178811	4,4'-DDT	7365	WV
NPW	EPA 8081B (Update IV, 2007)	10178811	Aldrin	7025	WV
NPW	EPA 8081B (Update IV, 2007)	10178811	alpha-BHC (alpha-Hexachlorocyclohexane)	7110	WV
NPW	EPA 8081B (Update IV, 2007)	10178811	beta-BHC (beta-Hexachlorocyclohexane)	7115	WV
NPW	EPA 8081B (Update IV, 2007)	10178811	Chlordane (tech.)	7250	WV
NPW	EPA 8081B (Update IV, 2007)	10178811	cis-Chlordane (alpha-Chlordane)	7240	WV
NPW	EPA 8081B (Update IV, 2007)	10178811	delta-BHC	7105	WV
NPW	EPA 8081B (Update IV, 2007)	10178811	Dieldrin	7470	WV
NPW	EPA 8081B (Update IV, 2007)	10178811	Endosulfan I	7510	WV
NPW	EPA 8081B (Update IV, 2007)	10178811	Endosulfan II	7515	WV
NPW	EPA 8081B (Update IV, 2007)	10178811	Endosulfan sulfate	7520	WV
NPW	EPA 8081B (Update IV, 2007)	10178811	Endrin	7540	WV
NPW	EPA 8081B (Update IV, 2007)	10178811	Endrin aldehyde	7530	WV
NPW	EPA 8081B (Update IV, 2007)	10178811	Endrin ketone	7535	WV
NPW	EPA 8081B (Update IV, 2007)	10178811	gamma-BHC (Lindane, gamma-Hexachlorocyclohexane)	7120	WV
NPW	EPA 8081B (Update IV, 2007)	10178811	gamma-Chlordane	7245	WV
NPW	EPA 8081B (Update IV, 2007)	10178811	Heptachlor	7685	WV
NPW	EPA 8081B (Update IV, 2007)	10178811	Heptachlor epoxide	7690	WV
NPW	EPA 8081B (Update IV, 2007)	10178811	Methoxychlor	7810	WV
NPW	EPA 8081B (Update IV, 2007)	10178811	Toxaphene (Chlorinated Camphene)	8250	WV
NPW	EPA 8082A (Update IV, 2007)	10179358	Aroclor-1016 (PCB-1016)	8880	WV

NPW	EPA 8082A (Update IV, 2007)	10179358	Aroclor-1221 (PCB-1221)	8885	WV
NPW	EPA 8082A (Update IV, 2007)	10179358	Aroclor-1232 (PCB-1232)	8890	WV
NPW	EPA 8082A (Update IV, 2007)	10179358	Aroclor-1242 (PCB-1242)	8895	WV
NPW	EPA 8082A (Update IV, 2007)	10179358	Aroclor-1248 (PCB-1248)	8900	WV
NPW	EPA 8082A (Update IV, 2007)	10179358	Aroclor-1254 (PCB-1254)	8905	WV
NPW	EPA 8082A (Update IV, 2007)	10179358	Aroclor-1260 (PCB-1260)	8910	WV
NPW	EPA 8082A (Update IV, 2007)	10179358	Aroclor-1262 (PCB-1262)	8912	WV
NPW	EPA 8082A (Update IV, 2007)	10179358	Aroclor-1268 (PCB-1268)	8913	WV
NPW	EPA 8151A (Update III, 1996)	10183207	2,4,5-T	8655	WV
NPW	EPA 8151A (Update III, 1996)	10183207	2,4-D	8545	WV
NPW	EPA 8151A (Update III, 1996)	10183207	Silvex (2,4,5-TP)	8650	WV
NPW	EPA 8260D (Update VI, 2018)	10307127	1,1,1,2-Tetrachloroethane	5105	WV
NPW	EPA 8260D (Update VI, 2018)	10307127	1,1,1-Trichloroethane	5160	WV
NPW	EPA 8260D (Update VI, 2018)	10307127	1,1,2,2-Tetrachloroethane	5110	WV
NPW	EPA 8260D (Update VI, 2018)	10307127	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	5185	WV
NPW	EPA 8260D (Update VI, 2018)	10307127	1,1,2-Trichloroethane	5165	WV
NPW	EPA 8260D (Update VI, 2018)	10307127	1,1-Dichloroethane	4630	WV
NPW	EPA 8260D (Update VI, 2018)	10307127	1,1-Dichloroethylene	4640	WV
NPW	EPA 8260D (Update VI, 2018)	10307127	1,1-Dichloropropene	4670	WV
NPW	EPA 8260D (Update VI, 2018)	10307127	1,2,3-Trichlorobenzene	5150	WV
NPW	EPA 8260D (Update VI, 2018)	10307127	1,2,3-Trichloropropane	5180	WV
NPW	EPA 8260D (Update VI, 2018)	10307127	1,2,3-Trimethylbenzene	5182	WV
NPW	EPA 8260D (Update VI, 2018)	10307127	1,2,4-Trichlorobenzene	5155	WV
NPW	EPA 8260D (Update VI, 2018)	10307127	1,2,4-Trimethylbenzene	5210	WV
NPW	EPA 8260D (Update VI, 2018)	10307127	1,2-Dibromo-3-chloropropane (DBCP)	4570	WV
NPW	EPA 8260D (Update VI, 2018)	10307127	1,2-Dibromoethane (EDB, Ethylene dibromide)	4585	WV
NPW	EPA 8260D (Update VI, 2018)	10307127	1,2-Dichlorobenzene (o-Dichlorobenzene)	4610	WV
NPW	EPA 8260D (Update VI, 2018)	10307127	1,2-Dichloroethane (Ethylene dichloride)	4635	WV
NPW	EPA 8260D (Update VI, 2018)	10307127	1,2-Dichloropropane	4655	WV
NPW	EPA 8260D (Update VI, 2018)	10307127	1,3,5-Trimethylbenzene	5215	WV
NPW	EPA 8260D (Update VI, 2018)	10307127	1,3-Dichlorobenzene (m-Dichlorobenzene)	4615	WV
NPW	EPA 8260D (Update VI, 2018)	10307127	1,3-Dichloropropane	4660	WV
NPW	EPA 8260D (Update VI, 2018)	10307127	1,4-Dichlorobenzene (p-Dichlorobenzene)	4620	WV
NPW	EPA 8260D (Update VI, 2018)	10307127	1,4-Dioxane (1,4-Diethyleneoxide)	4735	WV
NPW	EPA 8260D (Update VI, 2018)	10307127	1-Butanol (n-Butanol)	9321	WV
NPW	EPA 8260D (Update VI, 2018)	10307127	2,2-Dichloropropane	4665	WV

NPW	EPA 8260D (Update VI, 2018)	10307127	2-Butanone (Methyl ethyl ketone, MEK)	4410	WV
NPW	EPA 8260D (Update VI, 2018)	10307127	2-Chloroethyl vinyl ether	4500	WV
NPW	EPA 8260D (Update VI, 2018)	10307127	2-Chlorotoluene	4535	WV
NPW	EPA 8260D (Update VI, 2018)	10307127	2-Hexanone	4860	WV
NPW	EPA 8260D (Update VI, 2018)	10307127	2-Nitropropane	5020	WV
NPW	EPA 8260D (Update VI, 2018)	10307127	4-Chlorotoluene	4540	WV
NPW	EPA 8260D (Update VI, 2018)	10307127	4-Isopropyltoluene (p-Cymene)	4910	WV
NPW	EPA 8260D (Update VI, 2018)	10307127	4-Methyl-2-pentanone (MIBK)	4995	WV
NPW	EPA 8260D (Update VI, 2018)	10307127	Acetone	4315	WV
NPW	EPA 8260D (Update VI, 2018)	10307127	Acetonitrile	4320	WV
NPW	EPA 8260D (Update VI, 2018)	10307127	Acrolein (Propenal)	4325	WV
NPW	EPA 8260D (Update VI, 2018)	10307127	Acrylonitrile	4340	WV
NPW	EPA 8260D (Update VI, 2018)	10307127	Allyl alcohol	4350	WV
NPW	EPA 8260D (Update VI, 2018)	10307127	Benzene	4375	WV
NPW	EPA 8260D (Update VI, 2018)	10307127	Benzyl chloride	5635	WV
NPW	EPA 8260D (Update VI, 2018)	10307127	Bromobenzene	4385	WV
NPW	EPA 8260D (Update VI, 2018)	10307127	Bromochloromethane	4390	WV
NPW	EPA 8260D (Update VI, 2018)	10307127	Bromodichloromethane	4395	WV
NPW	EPA 8260D (Update VI, 2018)	10307127	Bromoform	4400	WV
NPW	EPA 8260D (Update VI, 2018)	10307127	Carbon disulfide	4450	WV
NPW	EPA 8260D (Update VI, 2018)	10307127	Carbon tetrachloride	4455	WV
NPW	EPA 8260D (Update VI, 2018)	10307127	Chlorobenzene	4475	WV
NPW	EPA 8260D (Update VI, 2018)	10307127	Chlorodibromomethane	4575	WV
NPW	EPA 8260D (Update VI, 2018)	10307127	Chloroform	4505	WV
NPW	EPA 8260D (Update VI, 2018)	10307127	Chloroprene (2-Chloro-1,3-butadiene)	4525	WV
NPW	EPA 8260D (Update VI, 2018)	10307127	cis-1,2-Dichloroethylene	4645	WV
NPW	EPA 8260D (Update VI, 2018)	10307127	cis-1,3-Dichloropropene	4680	WV
NPW	EPA 8260D (Update VI, 2018)	10307127	Cyclohexane	4555	WV
NPW	EPA 8260D (Update VI, 2018)	10307127	Di-isopropylether (DIPE)	9375	WV
NPW	EPA 8260D (Update VI, 2018)	10307127	Dibromomethane (Methylene bromide)	4595	WV
NPW	EPA 8260D (Update VI, 2018)	10307127	Dichloromethane (DCM, Methylene chloride)	4650	WV
NPW	EPA 8260D (Update VI, 2018)	10307127	Diethyl ether	4725	WV
NPW	EPA 8260D (Update VI, 2018)	10307127	Ethanol	4750	WV
NPW	EPA 8260D (Update VI, 2018)	10307127	Ethyl acetate	4755	WV
NPW	EPA 8260D (Update VI, 2018)	10307127	Ethyl chloride (Chloroethane)	4775	WV
NPW	EPA 8260D (Update VI, 2018)	10307127	Ethyl methacrylate	4810	WV
NPW	EPA 8260D (Update VI, 2018)	10307127	Ethyl-t-butylether (ETBE) (2-Ethoxy-2-methylpropane)	4770	WV

NPW	EPA 8260D (Update VI, 2018)	10307127	Ethylbenzene	4765	WV
NPW	EPA 8260D (Update VI, 2018)	10307127	Hexachlorobutadiene	4835	WV
NPW	EPA 8260D (Update VI, 2018)	10307127	Hexachloroethane	4840	WV
NPW	EPA 8260D (Update VI, 2018)	10307127	Iodomethane (Methyl iodide)	4870	WV
NPW	EPA 8260D (Update VI, 2018)	10307127	Isobutyl alcohol (2-Methyl-1-propanol)	4875	WV
NPW	EPA 8260D (Update VI, 2018)	10307127	Isopropylbenzene	4900	WV
NPW	EPA 8260D (Update VI, 2018)	10307127	m+p-xylene	5240	WV
NPW	EPA 8260D (Update VI, 2018)	10307127	Methacrylonitrile	4925	WV
NPW	EPA 8260D (Update VI, 2018)	10307127	Methyl acetate	4940	WV
NPW	EPA 8260D (Update VI, 2018)	10307127	Methyl bromide (Bromomethane)	4950	WV
NPW	EPA 8260D (Update VI, 2018)	10307127	Methyl chloride (Chloromethane)	4960	WV
NPW	EPA 8260D (Update VI, 2018)	10307127	Methyl methacrylate	4990	WV
NPW	EPA 8260D (Update VI, 2018)	10307127	Methyl tert-butyl ether (MTBE)	5000	WV
NPW	EPA 8260D (Update VI, 2018)	10307127	Methylcyclohexane	4965	WV
NPW	EPA 8260D (Update VI, 2018)	10307127	n-Butylbenzene	4435	WV
NPW	EPA 8260D (Update VI, 2018)	10307127	n-Propylbenzene	5090	WV
NPW	EPA 8260D (Update VI, 2018)	10307127	Naphthalene	5005	WV
NPW	EPA 8260D (Update VI, 2018)	10307127	o-Xylene	5250	WV
NPW	EPA 8260D (Update VI, 2018)	10307127	sec-Butylbenzene	4440	WV
NPW	EPA 8260D (Update VI, 2018)	10307127	Styrene	5100	WV
NPW	EPA 8260D (Update VI, 2018)	10307127	tert-amyl methyl ether (TAME)	4370	WV
NPW	EPA 8260D (Update VI, 2018)	10307127	tert-Butyl alcohol (2-Methyl-2-Propanol)	4420	WV
NPW	EPA 8260D (Update VI, 2018)	10307127	tert-Butylbenzene	4445	WV
NPW	EPA 8260D (Update VI, 2018)	10307127	Tetrachloroethylene (Perchloroethylene)	5115	WV
NPW	EPA 8260D (Update VI, 2018)	10307127	Toluene	5140	WV
NPW	EPA 8260D (Update VI, 2018)	10307127	trans-1,2-Dichloroethylene	4700	WV
NPW	EPA 8260D (Update VI, 2018)	10307127	trans-1,3-Dichloropropylene	4685	WV
NPW	EPA 8260D (Update VI, 2018)	10307127	trans-1,4-Dichloro-2-butene	4605	WV
NPW	EPA 8260D (Update VI, 2018)	10307127	Trichloroethene (Trichloroethylene)	5170	WV
NPW	EPA 8260D (Update VI, 2018)	10307127	Trichlorofluoromethane (Fluorotrichloromethane, Freon 11)	5175	WV
NPW	EPA 8260D (Update VI, 2018)	10307127	Vinyl acetate	5225	WV
NPW	EPA 8260D (Update VI, 2018)	10307127	Vinyl chloride (Chloroethene)	5235	WV
NPW	EPA 8270E (Update VI, 2018)	10242543	1,1'-Biphenyl (BZ-0)	6703	WV
NPW	EPA 8270E (Update VI, 2018)	10242543	1,2,4,5-Tetrachlorobenzene	6715	WV
NPW	EPA 8270E (Update VI, 2018)	10242543	1,2,4-Trichlorobenzene	5155	WV
NPW	EPA 8270E (Update VI, 2018)	10242543	1,2-Dichlorobenzene (o-Dichlorobenzene)	4610	WV
NPW	EPA 8270E (Update VI, 2018)	10242543	1,2-Dinitrobenzene (1,2-DNB)	6155	WV

NPW	EPA 8270E (Update VI, 2018)	10242543	1,2-Diphenylhydrazine	6220	WV
NPW	EPA 8270E (Update VI, 2018)	10242543	1,3,5-Trinitrobenzene (1,3,5-TNB)	6885	WV
NPW	EPA 8270E (Update VI, 2018)	10242543	1,3-Dichlorobenzene (m-Dichlorobenzene)	4615	WV
NPW	EPA 8270E (Update VI, 2018)	10242543	1,3-Dinitrobenzene (1,3-DNB)	6160	WV
NPW	EPA 8270E (Update VI, 2018)	10242543	1,4-Dichlorobenzene (p-Dichlorobenzene)	4620	WV
NPW	EPA 8270E (Update VI, 2018)	10242543	1,4-Dinitrobenzene (1,4-DNB)	6165	WV
NPW	EPA 8270E (Update VI, 2018)	10242543	1,4-Dioxane (1,4- Diethyleneoxide)	4735	WV
NPW	EPA 8270E (Update VI, 2018)	10242543	1,4-Naphthoquinone	6420	WV
NPW	EPA 8270E (Update VI, 2018)	10242543	1-Methylnaphthalene	6380	WV
NPW	EPA 8270E (Update VI, 2018)	10242543	1-Naphthylamine	6425	WV
NPW	EPA 8270E (Update VI, 2018)	10242543	2,2'-Oxybis(1-chloropropane), bis(2-Chloro-1-methylethyl)ether	4659	WV
NPW	EPA 8270E (Update VI, 2018)	10242543	2,3,4,6-Tetrachlorophenol	6735	WV
NPW	EPA 8270E (Update VI, 2018)	10242543	2,4,5-Trichlorophenol	6835	WV
NPW	EPA 8270E (Update VI, 2018)	10242543	2,4,6-Trichlorophenol	6840	WV
NPW	EPA 8270E (Update VI, 2018)	10242543	2,4-Dichlorophenol	6000	WV
NPW	EPA 8270E (Update VI, 2018)	10242543	2,4-Dimethylphenol	6130	WV
NPW	EPA 8270E (Update VI, 2018)	10242543	2,4-Dinitrophenol	6175	WV
NPW	EPA 8270E (Update VI, 2018)	10242543	2,4-Dinitrotoluene (2,4-DNT)	6185	WV
NPW	EPA 8270E (Update VI, 2018)	10242543	2,6-Dichlorophenol	6005	WV
NPW	EPA 8270E (Update VI, 2018)	10242543	2,6-Dinitrotoluene (2,6-DNT)	6190	WV
NPW	EPA 8270E (Update VI, 2018)	10242543	2-Acetylaminofluorene	5515	WV
NPW	EPA 8270E (Update VI, 2018)	10242543	2-Chloronaphthalene	5795	WV
NPW	EPA 8270E (Update VI, 2018)	10242543	2-Chlorophenol	5800	WV
NPW	EPA 8270E (Update VI, 2018)	10242543	2-Methyl-4,6-dinitrophenol (4,6-Dinitro-2-methylphenol)	6360	WV
NPW	EPA 8270E (Update VI, 2018)	10242543	2-Methylaniline (o-Toluidine)	5145	WV
NPW	EPA 8270E (Update VI, 2018)	10242543	2-Methylnaphthalene	6385	WV
NPW	EPA 8270E (Update VI, 2018)	10242543	2-Methylphenol (o-Cresol)	6400	WV
NPW	EPA 8270E (Update VI, 2018)	10242543	2-Naphthylamine	6430	WV
NPW	EPA 8270E (Update VI, 2018)	10242543	2-Nitroaniline	6460	WV
NPW	EPA 8270E (Update VI, 2018)	10242543	2-Nitrophenol	6490	WV
NPW	EPA 8270E (Update VI, 2018)	10242543	2-Picoline (2-Methylpyridine)	5050	WV
NPW	EPA 8270E (Update VI, 2018)	10242543	3,3'-Dichlorobenzidine	5945	WV
NPW	EPA 8270E (Update VI, 2018)	10242543	3,3'-Dimethylbenzidine	6120	WV
NPW	EPA 8270E (Update VI, 2018)	10242543	3-Methylcholanthrene	6355	WV
NPW	EPA 8270E (Update VI, 2018)	10242543	3-Methylphenol (m-Cresol)	6405	WV
NPW	EPA 8270E (Update VI, 2018)	10242543	3-Nitroaniline	6465	WV
NPW	EPA 8270E (Update VI, 2018)	10242543	4-Aminobiphenyl	5540	WV
NPW	EPA 8270E (Update VI, 2018)	10242543	4-Bromophenyl phenyl ether	5660	WV

			(BDE-3)		
NPW	EPA 8270E (Update VI, 2018)	10242543	4-Chloro-3-methylphenol	5700	WV
NPW	EPA 8270E (Update VI, 2018)	10242543	4-Chloroaniline	5745	WV
NPW	EPA 8270E (Update VI, 2018)	10242543	4-Chlorophenyl phenylether	5825	WV
NPW	EPA 8270E (Update VI, 2018)	10242543	4-Dimethyl aminoazobenzene	6105	WV
NPW	EPA 8270E (Update VI, 2018)	10242543	4-Methylphenol (p-Cresol)	6410	WV
NPW	EPA 8270E (Update VI, 2018)	10242543	4-Nitroaniline	6470	WV
NPW	EPA 8270E (Update VI, 2018)	10242543	4-Nitrophenol	6500	WV
NPW	EPA 8270E (Update VI, 2018)	10242543	4-Nitroquinoline-1-oxide	6510	WV
NPW	EPA 8270E (Update VI, 2018)	10242543	5,5-Diphenylhydantoin (Phenytoin)	6215	WV
NPW	EPA 8270E (Update VI, 2018)	10242543	5-Nitro-o-toluidine	6570	WV
NPW	EPA 8270E (Update VI, 2018)	10242543	7,12-Dimethylbenz(a)anthracene	6115	WV
NPW	EPA 8270E (Update VI, 2018)	10242543	a-a-Dimethylphenethylamine	6125	WV
NPW	EPA 8270E (Update VI, 2018)	10242543	Acenaphthene	5500	WV
NPW	EPA 8270E (Update VI, 2018)	10242543	Acenaphthylene	5505	WV
NPW	EPA 8270E (Update VI, 2018)	10242543	Acetophenone	5510	WV
NPW	EPA 8270E (Update VI, 2018)	10242543	Aniline	5545	WV
NPW	EPA 8270E (Update VI, 2018)	10242543	Anthracene	5555	WV
NPW	EPA 8270E (Update VI, 2018)	10242543	Aramite	5560	WV
NPW	EPA 8270E (Update VI, 2018)	10242543	Atrazine	7065	WV
NPW	EPA 8270E (Update VI, 2018)	10242543	Benzaldehyde	5570	WV
NPW	EPA 8270E (Update VI, 2018)	10242543	Benzo(a)anthracene	5575	WV
NPW	EPA 8270E (Update VI, 2018)	10242543	Benzo(a)pyrene	5580	WV
NPW	EPA 8270E (Update VI, 2018)	10242543	Benzo(g,h,i)perylene	5590	WV
NPW	EPA 8270E (Update VI, 2018)	10242543	Benzo(k)fluoranthene	5600	WV
NPW	EPA 8270E (Update VI, 2018)	10242543	Benzoic acid	5610	WV
NPW	EPA 8270E (Update VI, 2018)	10242543	Benzo[b]fluoranthene	5585	WV
NPW	EPA 8270E (Update VI, 2018)	10242543	Benzyl alcohol	5630	WV
NPW	EPA 8270E (Update VI, 2018)	10242543	bis(2-Chloroethoxy)methane	5760	WV
NPW	EPA 8270E (Update VI, 2018)	10242543	bis(2-Chloroethyl) ether	5765	WV
NPW	EPA 8270E (Update VI, 2018)	10242543	Butyl benzyl phthalate	5670	WV
NPW	EPA 8270E (Update VI, 2018)	10242543	Caprolactam	7180	WV
NPW	EPA 8270E (Update VI, 2018)	10242543	Carbaryl (Sevin)	7195	WV
NPW	EPA 8270E (Update VI, 2018)	10242543	Carbazole	5680	WV
NPW	EPA 8270E (Update VI, 2018)	10242543	Chlorobenzilate	7260	WV
NPW	EPA 8270E (Update VI, 2018)	10242543	Chrysene	5855	WV
NPW	EPA 8270E (Update VI, 2018)	10242543	Di(2-ethylhexyl) phthalate (bis(2-Ethylhexyl)phthalate, DEHP)	6065	WV
NPW	EPA 8270E (Update VI, 2018)	10242543	Di-n-butyl phthalate	5925	WV
NPW	EPA 8270E (Update VI, 2018)	10242543	Di-n-octyl phthalate	6200	WV

NPW	EPA 8270E (Update VI, 2018)	10242543	Diallate	7405	WV
NPW	EPA 8270E (Update VI, 2018)	10242543	Dibenz(a,h) anthracene	5895	WV
NPW	EPA 8270E (Update VI, 2018)	10242543	Dibenzofuran	5905	WV
NPW	EPA 8270E (Update VI, 2018)	10242543	Diethyl phthalate	6070	WV
NPW	EPA 8270E (Update VI, 2018)	10242543	Dimethoate	7475	WV
NPW	EPA 8270E (Update VI, 2018)	10242543	Dimethyl phthalate	6135	WV
NPW	EPA 8270E (Update VI, 2018)	10242543	Dinoseb (2-sec-butyl-4,6-dinitrophenol, DNBP)	8620	WV
NPW	EPA 8270E (Update VI, 2018)	10242543	Diphenylamine	6205	WV
NPW	EPA 8270E (Update VI, 2018)	10242543	Disulfoton	8625	WV
NPW	EPA 8270E (Update VI, 2018)	10242543	Ethyl methanesulfonate	6260	WV
NPW	EPA 8270E (Update VI, 2018)	10242543	Famphur	7580	WV
NPW	EPA 8270E (Update VI, 2018)	10242543	Fluoranthene	6265	WV
NPW	EPA 8270E (Update VI, 2018)	10242543	Fluorene	6270	WV
NPW	EPA 8270E (Update VI, 2018)	10242543	Hexachlorobenzene	6275	WV
NPW	EPA 8270E (Update VI, 2018)	10242543	Hexachlorobutadiene	4835	WV
NPW	EPA 8270E (Update VI, 2018)	10242543	Hexachlorocyclopentadiene	6285	WV
NPW	EPA 8270E (Update VI, 2018)	10242543	Hexachloroethane	4840	WV
NPW	EPA 8270E (Update VI, 2018)	10242543	Hexachloropropene	6295	WV
NPW	EPA 8270E (Update VI, 2018)	10242543	Indeno(1,2,3-cd) pyrene	6315	WV
NPW	EPA 8270E (Update VI, 2018)	10242543	Isodrin	7725	WV
NPW	EPA 8270E (Update VI, 2018)	10242543	Isophorone	6320	WV
NPW	EPA 8270E (Update VI, 2018)	10242543	Isosafrole	6325	WV
NPW	EPA 8270E (Update VI, 2018)	10242543	Kepone	7740	WV
NPW	EPA 8270E (Update VI, 2018)	10242543	Methapyrilene	6345	WV
NPW	EPA 8270E (Update VI, 2018)	10242543	Methyl methanesulfonate	6375	WV
NPW	EPA 8270E (Update VI, 2018)	10242543	Methyl parathion (Parathion, methyl)	7825	WV
NPW	EPA 8270E (Update VI, 2018)	10242543	n-Nitroso-di-n-butylamine	5025	WV
NPW	EPA 8270E (Update VI, 2018)	10242543	n-Nitrosodi-n-propylamine	6545	WV
NPW	EPA 8270E (Update VI, 2018)	10242543	n-Nitrosodiethylamine	6525	WV
NPW	EPA 8270E (Update VI, 2018)	10242543	n-Nitrosodimethylamine	6530	WV
NPW	EPA 8270E (Update VI, 2018)	10242543	n-Nitrosodiphenylamine	6535	WV
NPW	EPA 8270E (Update VI, 2018)	10242543	n-Nitrosomethylethylamine	6550	WV
NPW	EPA 8270E (Update VI, 2018)	10242543	n-Nitrosomorpholine	6555	WV
NPW	EPA 8270E (Update VI, 2018)	10242543	n-Nitrosopiperidine	6560	WV
NPW	EPA 8270E (Update VI, 2018)	10242543	n-Nitrosopyrrolidine	6565	WV
NPW	EPA 8270E (Update VI, 2018)	10242543	Naphthalene	5005	WV
NPW	EPA 8270E (Update VI, 2018)	10242543	Nitrobenzene	5015	WV
NPW	EPA 8270E (Update VI, 2018)	10242543	o,o,o-Triethyl phosphorothioate	8290	WV
NPW	EPA 8270E (Update VI, 2018)	10242543	Parathion, ethyl	7955	WV

NPW	EPA 8270E (Update VI, 2018)	10242543	Pentachlorobenzene	6590	WV
NPW	EPA 8270E (Update VI, 2018)	10242543	Pentachloronitrobenzene	6600	WV
NPW	EPA 8270E (Update VI, 2018)	10242543	Pentachlorophenol	6605	WV
NPW	EPA 8270E (Update VI, 2018)	10242543	Phenacetin	6610	WV
NPW	EPA 8270E (Update VI, 2018)	10242543	Phenanthrene	6615	WV
NPW	EPA 8270E (Update VI, 2018)	10242543	Phenol	6625	WV
NPW	EPA 8270E (Update VI, 2018)	10242543	Phorate	7985	WV
NPW	EPA 8270E (Update VI, 2018)	10242543	Pronamide (Kerb)	6650	WV
NPW	EPA 8270E (Update VI, 2018)	10242543	Pyrene	6665	WV
NPW	EPA 8270E (Update VI, 2018)	10242543	Pyridine	5095	WV
NPW	EPA 8270E (Update VI, 2018)	10242543	Safrole	6685	WV
NPW	EPA 8270E (Update VI, 2018)	10242543	Sulfotep (Tetraethyl dithiopyrophosphate)	8155	WV
NPW	EPA 8270E (Update VI, 2018)	10242543	Thionazin (Zinophos)	8235	WV
NPW	EPA 8270E (Update VI, 2018)	10242543	tris-(2,3-Dibromopropyl) phosphate (tris-BP)	8310	WV
NPW	EPA 8315A (Update III, 1996)	10188008	Acetaldehyde	4300	WV
NPW	EPA 8315A (Update III, 1996)	10188008	Formaldehyde	4815	WV
NPW	EPA 8327 (Update VII, 2021)	10189670	1H, 1H, 2H, 2H-Perfluorodecanesulfonic acid (8:2 FTS)	6948	WV
NPW	EPA 8327 (Update VII, 2021)	10189670	1H, 1H, 2H, 2H-Perfluorohexanesulfonic acid (4:2 FTS)	6946	WV
NPW	EPA 8327 (Update VII, 2021)	10189670	1H, 1H, 2H, 2H-Perfluorooctanesulfonic acid (6:2 FTS)	6947	WV
NPW	EPA 8327 (Update VII, 2021)	10189670	N-Ethylperfluorooctane sulfonamido acetic acid (NEtFOSAA)	4846	WV
NPW	EPA 8327 (Update VII, 2021)	10189670	N-Methylperfluorooctane sulfonamido acetic acid (NMeFOSAA)	4847	WV
NPW	EPA 8327 (Update VII, 2021)	10189670	Perfluorobutane sulfonic acid (PFBS)	6918	WV
NPW	EPA 8327 (Update VII, 2021)	10189670	Perfluorobutanoic acid (PFBA)	6915	WV
NPW	EPA 8327 (Update VII, 2021)	10189670	Perfluorodecane sulfonic acid (PFDS)	6920	WV
NPW	EPA 8327 (Update VII, 2021)	10189670	Perfluorodecanoic acid (PFDA)	6905	WV
NPW	EPA 8327 (Update VII, 2021)	10189670	Perfluorododecanoic acid (PFDOA)	6903	WV
NPW	EPA 8327 (Update VII, 2021)	10189670	Perfluoroheptane sulfonic acid (PFHpS)	9470	WV
NPW	EPA 8327 (Update VII, 2021)	10189670	Perfluoroheptanoic acid (PFHpA)	6908	WV
NPW	EPA 8327 (Update VII, 2021)	10189670	Perfluorohexane sulfonic acid (PFHxS)	6927	WV
NPW	EPA 8327 (Update VII, 2021)	10189670	Perfluorohexanoic acid (PFHxA)	6913	WV

NPW	EPA 8327 (Update VII, 2021)	10189670	Perfluorononane sulfonic acid (PFNS)	6929	WV
NPW	EPA 8327 (Update VII, 2021)	10189670	Perfluorononanoic acid (PFNA)	6906	WV
NPW	EPA 8327 (Update VII, 2021)	10189670	Perfluorooctane sulfonamide (PFOSAm)	6917	WV
NPW	EPA 8327 (Update VII, 2021)	10189670	Perfluorooctane sulfonic acid (PFOS)	6931	WV
NPW	EPA 8327 (Update VII, 2021)	10189670	Perfluorooctanoic acid (PFOA)	6912	WV
NPW	EPA 8327 (Update VII, 2021)	10189670	Perfluoropentane sulfonic acid (PFPeS)	6934	WV
NPW	EPA 8327 (Update VII, 2021)	10189670	Perfluoropentanoic acid (PFPeA)	6914	WV
NPW	EPA 8327 (Update VII, 2021)	10189670	Perfluorotetradecanoic acid (PFTDA)	6902	WV
NPW	EPA 8327 (Update VII, 2021)	10189670	Perfluorotridecanoic acid (PFTTrDA)	9563	WV
NPW	EPA 8327 (Update VII, 2021)	10189670	Perfluoroundecanoic acid (PFUnDA)	6904	WV
NPW	EPA 9010C (2004)	10243002	Amenable Cyanide	1510	WV
NPW	EPA 9010C (2004)	10243002	Total Cyanide	1645	WV
NPW	EPA 9012B (Update III, 1996)	10243206	Amenable Cyanide	1510	WV
NPW	EPA 9012B (Update III, 1996)	10243206	Total Cyanide	1645	WV
NPW	EPA 9030B (Update III, 1996)	10195605	Sulfide	2005	WV
NPW	EPA 9034 (Update III, 1996)	10196006	Sulfide	2005	WV
NPW	EPA 9050A (Update III, 1996)	10198808	Conductivity	1610	WV
NPW	EPA 9056A (Update IV, 2007)	10199607	Bromide	1540	WV
NPW	EPA 9056A (Update IV, 2007)	10199607	Chloride	1575	WV
NPW	EPA 9056A (Update IV, 2007)	10199607	Fluoride	1730	WV
NPW	EPA 9056A (Update IV, 2007)	10199607	Nitrate plus Nitrite as N	1820	WV
NPW	EPA 9056A (Update IV, 2007)	10199607	Nitrite as N	1840	WV
NPW	EPA 9056A (Update IV, 2007)	10199607	Sulfate	2000	WV
NPW	EPA 9060A (Update IIIB, 2004)	10244823	Total Organic Carbon (TOC)	2040	WV
NPW	EPA 9066 (3rd ED, 1986)	10200609	Total Phenolics	1905	WV
S	EPA 1633 (24-Jan)	10123463	11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11-Cl-PF30UdS)	9490	WV
S	EPA 1633 (24-Jan)	10123463	1H, 1H, 2H, 2H-Perfluorodecanesulfonic acid (8:2 FTS)	6948	WV
S	EPA 1633 (24-Jan)	10123463	1H, 1H, 2H, 2H-Perfluorohexanesulfonic acid (4:2 FTS)	6946	WV
S	EPA 1633 (24-Jan)	10123463	1H, 1H, 2H, 2H-Perfluorooctanesulfonic acid (6:2 FTS)	6947	WV
S	EPA 1633 (24-Jan)	10123463	2H,2H,3H,3H-Perfluorodecanoic acid (7:3 FTCA)	9340	WV

S	EPA 1633 (24-Jan)	10123463	2H,2H,3H,3H-Perfluorooctanoic acid (5:3 FTCA)	9338	WV
S	EPA 1633 (24-Jan)	10123463	4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3 FTCA)	9353	WV
S	EPA 1633 (24-Jan)	10123463	9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9-Cl-PF3ONS)	6952	WV
S	EPA 1633 (24-Jan)	10123463	Ammonium 4,8-Dioxa-3H-Perfluorononanoate (ADONA)	6953	WV
S	EPA 1633 (24-Jan)	10123463	Hexafluoropropyleneoxide dimer acid (HFPO-DA) (GenX)	9460	WV
S	EPA 1633 (24-Jan)	10123463	N-Ethylperfluorooctane sulfonamide (EtFOSAm)	9395	WV
S	EPA 1633 (24-Jan)	10123463	N-Ethylperfluorooctane sulfonamido acetic acid (NEtFOSAA)	4846	WV
S	EPA 1633 (24-Jan)	10123463	N-Ethylperfluorooctane sulfonamido ethanol (EtFOSE)	9431	WV
S	EPA 1633 (24-Jan)	10123463	N-Methylperfluorooctane sulfonamide (MeFOSA)	9433	WV
S	EPA 1633 (24-Jan)	10123463	N-Methylperfluorooctane sulfonamido acetic acid (NMeFOSAA)	4847	WV
S	EPA 1633 (24-Jan)	10123463	N-Methylperfluorooctane sulfonamido ethanol (MeFOSE)	6949	WV
S	EPA 1633 (24-Jan)	10123463	Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	6956	WV
S	EPA 1633 (24-Jan)	10123463	Perfluoro(2-ethoxyethane) sulfonic acid (PFEESA)	6957	WV
S	EPA 1633 (24-Jan)	10123463	Perfluoro-3-methoxypropanoic acid (PFMPA)	6965	WV
S	EPA 1633 (24-Jan)	10123463	Perfluoro-4-methoxybutanoic acid (PFMBA)	6966	WV
S	EPA 1633 (24-Jan)	10123463	Perfluorobutane sulfonic acid (PFBS)	6918	WV
S	EPA 1633 (24-Jan)	10123463	Perfluorobutanoic acid (PFBA)	6915	WV
S	EPA 1633 (24-Jan)	10123463	Perfluorodecane sulfonic acid (PFDS)	6920	WV
S	EPA 1633 (24-Jan)	10123463	Perfluorodecanoic acid (PFDA)	6905	WV
S	EPA 1633 (24-Jan)	10123463	Perfluorododecane sulfonic acid (PFDoS)	6923	WV
S	EPA 1633 (24-Jan)	10123463	Perfluorododecanoic acid (PFDOA)	6903	WV
S	EPA 1633 (24-Jan)	10123463	Perfluoroheptane sulfonic acid (PFHpS)	9470	WV
S	EPA 1633 (24-Jan)	10123463	Perfluoroheptanoic acid (PFHpA)	6908	WV
S	EPA 1633 (24-Jan)	10123463	Perfluorohexane sulfonic acid (PFHxS)	6927	WV
S	EPA 1633 (24-Jan)	10123463	Perfluorohexanoic acid (PFHxA)	6913	WV

S	EPA 1633 (24-Jan)	10123463	Perfluorononane sulfonic acid (PFNS)	6929	WV
S	EPA 1633 (24-Jan)	10123463	Perfluorononanoic acid (PFNA)	6906	WV
S	EPA 1633 (24-Jan)	10123463	Perfluorooctane sulfonamide (PFOSAm)	6917	WV
S	EPA 1633 (24-Jan)	10123463	Perfluorooctane sulfonic acid (PFOS)	6931	WV
S	EPA 1633 (24-Jan)	10123463	Perfluorooctanoic acid (PFOA)	6912	WV
S	EPA 1633 (24-Jan)	10123463	Perfluoropentane sulfonic acid (PFPeS)	6934	WV
S	EPA 1633 (24-Jan)	10123463	Perfluoropentanoic acid (PFPeA)	6914	WV
S	EPA 1633 (24-Jan)	10123463	Perfluorotetradecanoic acid (PFTDA)	6902	WV
S	EPA 1633 (24-Jan)	10123463	Perfluorotridecanoic acid (PFTrDA)	9563	WV
S	EPA 1633 (24-Jan)	10123463	Perfluoroundecanoic acid (PFUnDA)	6904	WV
S	EPA 300.0 (2.1, 1993)	10053200	Bromide	1540	WV
S	EPA 300.0 (2.1, 1993)	10053200	Chloride	1575	WV
S	EPA 300.0 (2.1, 1993)	10053200	Fluoride	1730	WV
S	EPA 300.0 (2.1, 1993)	10053200	Nitrate as N	1810	WV
S	EPA 300.0 (2.1, 1993)	10053200	Nitrate plus Nitrite as N	1820	WV
S	EPA 300.0 (2.1, 1993)	10053200	Nitrite as N	1840	WV
S	EPA 300.0 (2.1, 1993)	10053200	Sulfate	2000	WV
S	EPA 353.2 (2, 1993)	10067604	Nitrate as N	1810	WV
S	EPA 353.2 (2, 1993)	10067604	Nitrate as N	1810	WV
S	EPA 353.2 (2, 1993)	10067604	Nitrate plus Nitrite as N	1820	WV
S	EPA 365.1 (2, 1993)	10070005	Total Phosphorus	1910	WV
S	SM 4500-NH3 G-2011 (2011)	20111415	Ammonia as N	1515	WV
S	SM 4500-NH3 G-2011 (2011)	20111415	Total Kjeldahl Nitrogen (TKN)	1795	WV
S	SM 4500-Norg B-2011 (2011)	20119215	Total Kjeldahl Nitrogen (TKN)	1795	WV
S	ASTM D3987-12 (2012)	30030718	Shake Extraction of Solid Waste with Water	1386	WV
S	ASTM D7968-17A (2017)	30034130	2-Perfluorohexylethanoic acid (6:2 FTCA)	9286	WV
S	ASTM D7968-17A (2017)	30034130	2-Perfluorooctyl ethanoic acid (FOEA)	9316	WV
S	ASTM D7968-17A (2017)	30034130	2H,2H,3H,3H-Perfluorodecanoic acid (7:3 FTCA)	9340	WV
S	ASTM D7968-17A (2017)	30034130	2H-Perfluoro-2-decenoic acid (FOUEA)	4866	WV
S	ASTM D7968-17A (2017)	30034130	Perfluorobutane sulfonic acid (PFBS)	6918	WV
S	ASTM D7968-17A (2017)	30034130	Perfluorobutanoic acid (PFBA)	6915	WV
S	ASTM D7968-17A (2017)	30034130	Perfluorodecanoic acid (PFDA)	6905	WV
S	ASTM D7968-17A (2017)	30034130	Perfluorododecanoic acid (PFDOA)	6903	WV

S	ASTM D7968-17A (2017)	30034130	Perfluoroheptanoic acid (PFHpA)	6908	WV
S	ASTM D7968-17A (2017)	30034130	Perfluorohexane sulfonic acid (PFHxS)	6927	WV
S	ASTM D7968-17A (2017)	30034130	Perfluorohexanoic acid (PFHxA)	6913	WV
S	ASTM D7968-17A (2017)	30034130	Perfluorononanoic acid (PFNA)	6906	WV
S	ASTM D7968-17A (2017)	30034130	Perfluorooctane sulfonic acid (PFOS)	6931	WV
S	ASTM D7968-17A (2017)	30034130	Perfluorooctanoic acid (PFOA)	6912	WV
S	ASTM D7968-17A (2017)	30034130	Perfluoropentanoic acid (PFPeA)	6914	WV
S	ASTM D7968-17A (2017)	30034130	Perfluorotetradecanoic acid (PFTDA)	6902	WV
S	ASTM D7968-17A (2017)	30034130	Perfluorotridecanoic acid (PFTrDA)	9563	WV
S	ASTM D7968-17A (2017)	30034130	Perfluoroundecanoic acid (PFUnDA)	6904	WV
S	ASTM D7968-17A (2017)	30034130	Potassium perfluoro-4-ethylcyclohexanesulfonate (PFecHS)	6899	WV
S	SM 2540 G-2015 (2015)	20005281	Total, Fixed, and Volatile Residue	1725	WV
S	Walkley-Black (1969)	60012002	Total Organic Carbon (TOC)	2040	WV
S	EPA 1010B (Update VII, 2018)	10234830	Ignitability	1780	WV
S	EPA 1030 (Update V, 2014)	10117212	Ignitability	1780	WV
S	EPA 1311 (Update I, 1992)	10118806	Toxicity Characteristic Leaching Procedure (TCLP)	1466	WV
S	EPA 1312 (Update II, 1994)	10119003	Synthetic Precipitation Leaching Procedure (SPLP)	1460	WV
S	EPA 3050B (Update III, 1996)	10135601	Metals Sample Prep	1424	WV
S	EPA 3060A (Update III, 1996)	10136604	Chromium (VI)	1045	WV
S	EPA 3540C (Update III, 1996)	10140202	Soxhlet Extraction	1452	WV
S	EPA 3545A (Update IV, 2007)	10141001	Pressurized Fluid Extraction (PFE)	1440	WV
S	EPA 3546 (Update IV, 2007)	10141205	Microwave Extraction	1428	WV
S	EPA 3550C (Update IV, 2007)	10142004	Ultrasonic Extraction	1468	WV
S	EPA 3580A (Update I, 1992)	10143007	Waste Dilution	1470	WV
S	EPA 3585 (Update III, 1996)	10143201	Waste Dilution for VOCs	1472	WV
S	EPA 3630C (Update III, 1996)	10146802	Silica Gel Clean-up	1446	WV
S	EPA 3660B (Update III, 1996)	10148400	Sulfur Clean-up	1456	WV
S	EPA 3665A (Update III, 1996)	10148808	Sulfuric Acid / Permanganate Clean-Up	1458	WV
S	EPA 6010D (2018)	10155949	Aluminum	1000	WV
S	EPA 6010D (2018)	10155949	Antimony	1005	WV
S	EPA 6010D (2018)	10155949	Arsenic	1010	WV
S	EPA 6010D (2018)	10155949	Barium	1015	WV
S	EPA 6010D (2018)	10155949	Beryllium	1020	WV
S	EPA 6010D (2018)	10155949	Boron	1025	WV

S	EPA 6010D (2018)	10155949	Cadmium	1030	WV
S	EPA 6010D (2018)	10155949	Calcium	1035	WV
S	EPA 6010D (2018)	10155949	Chromium	1040	WV
S	EPA 6010D (2018)	10155949	Cobalt	1050	WV
S	EPA 6010D (2018)	10155949	Copper	1055	WV
S	EPA 6010D (2018)	10155949	Iron	1070	WV
S	EPA 6010D (2018)	10155949	Lead	1075	WV
S	EPA 6010D (2018)	10155949	Lithium	1080	WV
S	EPA 6010D (2018)	10155949	Magnesium	1085	WV
S	EPA 6010D (2018)	10155949	Manganese	1090	WV
S	EPA 6010D (2018)	10155949	Molybdenum	1100	WV
S	EPA 6010D (2018)	10155949	Nickel	1105	WV
S	EPA 6010D (2018)	10155949	Potassium	1125	WV
S	EPA 6010D (2018)	10155949	Selenium	1140	WV
S	EPA 6010D (2018)	10155949	Silver	1150	WV
S	EPA 6010D (2018)	10155949	Sodium	1155	WV
S	EPA 6010D (2018)	10155949	Strontium	1160	WV
S	EPA 6010D (2018)	10155949	Thallium	1165	WV
S	EPA 6010D (2018)	10155949	Tin	1175	WV
S	EPA 6010D (2018)	10155949	Titanium	1180	WV
S	EPA 6010D (2018)	10155949	Vanadium	1185	WV
S	EPA 6010D (2018)	10155949	Zinc	1190	WV
S	EPA 6020B (Update V, 2014)	10156420	Aluminum	1000	WV
S	EPA 6020B (Update V, 2014)	10156420	Antimony	1005	WV
S	EPA 6020B (Update V, 2014)	10156420	Arsenic	1010	WV
S	EPA 6020B (Update V, 2014)	10156420	Barium	1015	WV
S	EPA 6020B (Update V, 2014)	10156420	Beryllium	1020	WV
S	EPA 6020B (Update V, 2014)	10156420	Boron	1025	WV
S	EPA 6020B (Update V, 2014)	10156420	Cadmium	1030	WV
S	EPA 6020B (Update V, 2014)	10156420	Calcium	1035	WV
S	EPA 6020B (Update V, 2014)	10156420	Chromium	1040	WV
S	EPA 6020B (Update V, 2014)	10156420	Cobalt	1050	WV
S	EPA 6020B (Update V, 2014)	10156420	Copper	1055	WV
S	EPA 6020B (Update V, 2014)	10156420	Iron	1070	WV
S	EPA 6020B (Update V, 2014)	10156420	Lead	1075	WV
S	EPA 6020B (Update V, 2014)	10156420	Lithium	1080	WV
S	EPA 6020B (Update V, 2014)	10156420	Magnesium	1085	WV
S	EPA 6020B (Update V, 2014)	10156420	Manganese	1090	WV
S	EPA 6020B (Update V, 2014)	10156420	Mercury	1095	WV
S	EPA 6020B (Update V, 2014)	10156420	Molybdenum	1100	WV
S	EPA 6020B (Update V, 2014)	10156420	Nickel	1105	WV

S	EPA 6020B (Update V, 2014)	10156420	Potassium	1125	WV
S	EPA 6020B (Update V, 2014)	10156420	Selenium	1140	WV
S	EPA 6020B (Update V, 2014)	10156420	Silver	1150	WV
S	EPA 6020B (Update V, 2014)	10156420	Sodium	1155	WV
S	EPA 6020B (Update V, 2014)	10156420	Strontium	1160	WV
S	EPA 6020B (Update V, 2014)	10156420	Thallium	1165	WV
S	EPA 6020B (Update V, 2014)	10156420	Tin	1175	WV
S	EPA 6020B (Update V, 2014)	10156420	Titanium	1180	WV
S	EPA 6020B (Update V, 2014)	10156420	Vanadium	1185	WV
S	EPA 6020B (Update V, 2014)	10156420	Zinc	1190	WV
S	EPA 7196A (Update I, 1992)	10162400	Chromium (VI)	1045	WV
S	EPA 7471B (Update IV, 2007)	10166457	Mercury	1095	WV
S	EPA 8015C (Update IV, 2007)	10173816	Diesel Range Organics (DRO)	9369	WV
S	EPA 8015C (Update IV, 2007)	10173816	Gasoline Range Organics (GRO)	9408	WV
S	EPA 8015C (Update IV, 2007)	10173816	Oil Range Organics (ORO)	6748	WV
S	EPA 8081B (Update IV, 2007)	10178811	4,4'-DDD	7355	WV
S	EPA 8081B (Update IV, 2007)	10178811	4,4'-DDE	7360	WV
S	EPA 8081B (Update IV, 2007)	10178811	4,4'-DDT	7365	WV
S	EPA 8081B (Update IV, 2007)	10178811	Aldrin	7025	WV
S	EPA 8081B (Update IV, 2007)	10178811	alpha-BHC (alpha-Hexachlorocyclohexane)	7110	WV
S	EPA 8081B (Update IV, 2007)	10178811	beta-BHC (beta-Hexachlorocyclohexane)	7115	WV
S	EPA 8081B (Update IV, 2007)	10178811	Chlordane (tech.)	7250	WV
S	EPA 8081B (Update IV, 2007)	10178811	cis-Chlordane (alpha-Chlordane)	7240	WV
S	EPA 8081B (Update IV, 2007)	10178811	delta-BHC	7105	WV
S	EPA 8081B (Update IV, 2007)	10178811	Dieldrin	7470	WV
S	EPA 8081B (Update IV, 2007)	10178811	Endosulfan I	7510	WV
S	EPA 8081B (Update IV, 2007)	10178811	Endosulfan II	7515	WV
S	EPA 8081B (Update IV, 2007)	10178811	Endosulfan sulfate	7520	WV
S	EPA 8081B (Update IV, 2007)	10178811	Endrin	7540	WV
S	EPA 8081B (Update IV, 2007)	10178811	Endrin aldehyde	7530	WV
S	EPA 8081B (Update IV, 2007)	10178811	Endrin ketone	7535	WV
S	EPA 8081B (Update IV, 2007)	10178811	gamma-BHC (Lindane, gamma-Hexachlorocyclohexane)	7120	WV
S	EPA 8081B (Update IV, 2007)	10178811	gamma-Chlordane	7245	WV
S	EPA 8081B (Update IV, 2007)	10178811	Heptachlor	7685	WV
S	EPA 8081B (Update IV, 2007)	10178811	Heptachlor epoxide	7690	WV
S	EPA 8081B (Update IV, 2007)	10178811	Methoxychlor	7810	WV
S	EPA 8081B (Update IV, 2007)	10178811	Toxaphene (Chlorinated Camphene)	8250	WV
S	EPA 8082A (Update IV, 2007)	10179358	Aroclor-1016 (PCB-1016)	8880	WV
S	EPA 8082A (Update IV, 2007)	10179358	Aroclor-1221 (PCB-1221)	8885	WV

S	EPA 8082A (Update IV, 2007)	10179358	Aroclor-1232 (PCB-1232)	8890	WV
S	EPA 8082A (Update IV, 2007)	10179358	Aroclor-1242 (PCB-1242)	8895	WV
S	EPA 8082A (Update IV, 2007)	10179358	Aroclor-1248 (PCB-1248)	8900	WV
S	EPA 8082A (Update IV, 2007)	10179358	Aroclor-1254 (PCB-1254)	8905	WV
S	EPA 8082A (Update IV, 2007)	10179358	Aroclor-1260 (PCB-1260)	8910	WV
S	EPA 8082A (Update IV, 2007)	10179358	Aroclor-1262 (PCB-1262)	8912	WV
S	EPA 8082A (Update IV, 2007)	10179358	Aroclor-1268 (PCB-1268)	8913	WV
S	EPA 8151A (Update III, 1996)	10183207	2,4,5-T	8655	WV
S	EPA 8151A (Update III, 1996)	10183207	2,4-D	8545	WV
S	EPA 8151A (Update III, 1996)	10183207	Silvex (2,4,5-TP)	8650	WV
S	EPA 8260D (Update VI, 2018)	10307127	1,1,1,2-Tetrachloroethane	5105	WV
S	EPA 8260D (Update VI, 2018)	10307127	1,1,1-Trichloroethane	5160	WV
S	EPA 8260D (Update VI, 2018)	10307127	1,1,2,2-Tetrachloroethane	5110	WV
S	EPA 8260D (Update VI, 2018)	10307127	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	5185	WV
S	EPA 8260D (Update VI, 2018)	10307127	1,1,2-Trichloroethane	5165	WV
S	EPA 8260D (Update VI, 2018)	10307127	1,1-Dichloroethane	4630	WV
S	EPA 8260D (Update VI, 2018)	10307127	1,1-Dichloropropene	4670	WV
S	EPA 8260D (Update VI, 2018)	10307127	1,2,3-Trichlorobenzene	5150	WV
S	EPA 8260D (Update VI, 2018)	10307127	1,2,3-Trichloropropane	5180	WV
S	EPA 8260D (Update VI, 2018)	10307127	1,2,3-Trimethylbenzene	5182	WV
S	EPA 8260D (Update VI, 2018)	10307127	1,2,4-Trichlorobenzene	5155	WV
S	EPA 8260D (Update VI, 2018)	10307127	1,2,4-Trimethylbenzene	5210	WV
S	EPA 8260D (Update VI, 2018)	10307127	1,2-Dibromo-3-chloropropane (DBCP)	4570	WV
S	EPA 8260D (Update VI, 2018)	10307127	1,2-Dibromoethane (EDB, Ethylene dibromide)	4585	WV
S	EPA 8260D (Update VI, 2018)	10307127	1,2-Dichlorobenzene (o-Dichlorobenzene)	4610	WV
S	EPA 8260D (Update VI, 2018)	10307127	1,2-Dichloroethane (Ethylene dichloride)	4635	WV
S	EPA 8260D (Update VI, 2018)	10307127	1,2-Dichloropropane	4655	WV
S	EPA 8260D (Update VI, 2018)	10307127	1,3,5-Trimethylbenzene	5215	WV
S	EPA 8260D (Update VI, 2018)	10307127	1,3-Dichlorobenzene (m-Dichlorobenzene)	4615	WV
S	EPA 8260D (Update VI, 2018)	10307127	1,3-Dichloropropane	4660	WV
S	EPA 8260D (Update VI, 2018)	10307127	1,4-Dichlorobenzene (p-Dichlorobenzene)	4620	WV
S	EPA 8260D (Update VI, 2018)	10307127	1,4-Dioxane (1,4- Diethyleneoxide)	4735	WV
S	EPA 8260D (Update VI, 2018)	10307127	1-Butanol (n-Butanol)	9321	WV
S	EPA 8260D (Update VI, 2018)	10307127	2,2-Dichloropropane	4665	WV
S	EPA 8260D (Update VI, 2018)	10307127	2-Butanone (Methyl ethyl ketone, MEK)	4410	WV

S	EPA 8260D (Update VI, 2018)	10307127	2-Chloroethanol	4490	WV
S	EPA 8260D (Update VI, 2018)	10307127	2-Chloroethyl vinyl ether	4500	WV
S	EPA 8260D (Update VI, 2018)	10307127	2-Chlorotoluene	4535	WV
S	EPA 8260D (Update VI, 2018)	10307127	2-Hexanone	4860	WV
S	EPA 8260D (Update VI, 2018)	10307127	2-Nitropropane	5020	WV
S	EPA 8260D (Update VI, 2018)	10307127	4-Chlorotoluene	4540	WV
S	EPA 8260D (Update VI, 2018)	10307127	4-Methyl-2-pentanone (MIBK)	4995	WV
S	EPA 8260D (Update VI, 2018)	10307127	Acetone	4315	WV
S	EPA 8260D (Update VI, 2018)	10307127	Acetonitrile	4320	WV
S	EPA 8260D (Update VI, 2018)	10307127	Acrylonitrile	4340	WV
S	EPA 8260D (Update VI, 2018)	10307127	Allyl chloride (3-Chloropropene)	4355	WV
S	EPA 8260D (Update VI, 2018)	10307127	Benzene	4375	WV
S	EPA 8260D (Update VI, 2018)	10307127	Benzyl chloride	5635	WV
S	EPA 8260D (Update VI, 2018)	10307127	Bromobenzene	4385	WV
S	EPA 8260D (Update VI, 2018)	10307127	Bromochloromethane	4390	WV
S	EPA 8260D (Update VI, 2018)	10307127	Bromodichloromethane	4395	WV
S	EPA 8260D (Update VI, 2018)	10307127	Bromoform	4400	WV
S	EPA 8260D (Update VI, 2018)	10307127	Carbon disulfide	4450	WV
S	EPA 8260D (Update VI, 2018)	10307127	Carbon tetrachloride	4455	WV
S	EPA 8260D (Update VI, 2018)	10307127	Chlorobenzene	4475	WV
S	EPA 8260D (Update VI, 2018)	10307127	Chlorodibromomethane	4575	WV
S	EPA 8260D (Update VI, 2018)	10307127	Chloroform	4505	WV
S	EPA 8260D (Update VI, 2018)	10307127	Chloroprene (2-Chloro-1,3-butadiene)	4525	WV
S	EPA 8260D (Update VI, 2018)	10307127	cis-1,2-Dichloroethylene	4645	WV
S	EPA 8260D (Update VI, 2018)	10307127	cis-1,3-Dichloropropene	4680	WV
S	EPA 8260D (Update VI, 2018)	10307127	Cyclohexane	4555	WV
S	EPA 8260D (Update VI, 2018)	10307127	Di-isopropylether (DIPE)	9375	WV
S	EPA 8260D (Update VI, 2018)	10307127	Dibromomethane (Methylene bromide)	4595	WV
S	EPA 8260D (Update VI, 2018)	10307127	Dichlorodifluoromethane (Freon-12)	4625	WV
S	EPA 8260D (Update VI, 2018)	10307127	Dichloromethane (DCM, Methylene chloride)	4650	WV
S	EPA 8260D (Update VI, 2018)	10307127	Diethyl ether	4725	WV
S	EPA 8260D (Update VI, 2018)	10307127	Ethanol	4750	WV
S	EPA 8260D (Update VI, 2018)	10307127	Ethyl acetate	4755	WV
S	EPA 8260D (Update VI, 2018)	10307127	Ethyl chloride (Chloroethane)	4775	WV
S	EPA 8260D (Update VI, 2018)	10307127	Ethyl methacrylate	4810	WV
S	EPA 8260D (Update VI, 2018)	10307127	Ethyl-t-butylether (ETBE) (2-Ethoxy-2-methylpropane)	4770	WV
S	EPA 8260D (Update VI, 2018)	10307127	Ethylbenzene	4765	WV
S	EPA 8260D (Update VI, 2018)	10307127	Hexachlorobutadiene	4835	WV

S	EPA 8260D (Update VI, 2018)	10307127	Hexachloroethane	4840	WV
S	EPA 8260D (Update VI, 2018)	10307127	Iodomethane (Methyl iodide)	4870	WV
S	EPA 8260D (Update VI, 2018)	10307127	Isobutyl alcohol (2-Methyl-1-propanol)	4875	WV
S	EPA 8260D (Update VI, 2018)	10307127	Isopropylbenzene	4900	WV
S	EPA 8260D (Update VI, 2018)	10307127	m+p-xylene	5240	WV
S	EPA 8260D (Update VI, 2018)	10307127	Methacrylonitrile	4925	WV
S	EPA 8260D (Update VI, 2018)	10307127	Methyl acetate	4940	WV
S	EPA 8260D (Update VI, 2018)	10307127	Methyl bromide (Bromomethane)	4950	WV
S	EPA 8260D (Update VI, 2018)	10307127	Methyl chloride (Chloromethane)	4960	WV
S	EPA 8260D (Update VI, 2018)	10307127	Methyl methacrylate	4990	WV
S	EPA 8260D (Update VI, 2018)	10307127	Methyl tert-butyl ether (MTBE)	5000	WV
S	EPA 8260D (Update VI, 2018)	10307127	Methylcyclohexane	4965	WV
S	EPA 8260D (Update VI, 2018)	10307127	Methylene bromide (Dibromomethane)	4970	WV
S	EPA 8260D (Update VI, 2018)	10307127	n-Butylbenzene	4435	WV
S	EPA 8260D (Update VI, 2018)	10307127	n-Propylbenzene	5090	WV
S	EPA 8260D (Update VI, 2018)	10307127	Naphthalene	5005	WV
S	EPA 8260D (Update VI, 2018)	10307127	Nitrobenzene	5015	WV
S	EPA 8260D (Update VI, 2018)	10307127	o-Xylene	5250	WV
S	EPA 8260D (Update VI, 2018)	10307127	Propionitrile (Ethyl cyanide)	5080	WV
S	EPA 8260D (Update VI, 2018)	10307127	Pyridine	5095	WV
S	EPA 8260D (Update VI, 2018)	10307127	sec-Butylbenzene	4440	WV
S	EPA 8260D (Update VI, 2018)	10307127	Styrene	5100	WV
S	EPA 8260D (Update VI, 2018)	10307127	tert-amyl methyl ether (TAME)	4370	WV
S	EPA 8260D (Update VI, 2018)	10307127	tert-Butyl alcohol (2-Methyl-2-Propanol)	4420	WV
S	EPA 8260D (Update VI, 2018)	10307127	tert-Butylbenzene	4445	WV
S	EPA 8260D (Update VI, 2018)	10307127	Tetrachloroethylene (Perchloroethylene)	5115	WV
S	EPA 8260D (Update VI, 2018)	10307127	Toluene	5140	WV
S	EPA 8260D (Update VI, 2018)	10307127	trans-1,2-Dichloroethylene	4700	WV
S	EPA 8260D (Update VI, 2018)	10307127	trans-1,3-Dichloropropylene	4685	WV
S	EPA 8260D (Update VI, 2018)	10307127	trans-1,4-Dichloro-2-butene	4605	WV
S	EPA 8260D (Update VI, 2018)	10307127	Trichloroethene (Trichloroethylene)	5170	WV
S	EPA 8260D (Update VI, 2018)	10307127	Trichlorofluoromethane (Fluorotrichloromethane, Freon 11)	5175	WV
S	EPA 8260D (Update VI, 2018)	10307127	Vinyl acetate	5225	WV
S	EPA 8260D (Update VI, 2018)	10307127	Vinyl chloride (Chloroethene)	5235	WV
S	EPA 8270E (Update VI, 2018)	10242543	1,1'-Biphenyl (BZ-0)	6703	WV
S	EPA 8270E (Update VI, 2018)	10242543	1,2,4,5-Tetrachlorobenzene	6715	WV
S	EPA 8270E (Update VI, 2018)	10242543	1,2,4-Trichlorobenzene	5155	WV

S	EPA 8270E (Update VI, 2018)	10242543	1,2-Dichlorobenzene (o-Dichlorobenzene)	4610	WV
S	EPA 8270E (Update VI, 2018)	10242543	1,2-Dinitrobenzene (1,2-DNB)	6155	WV
S	EPA 8270E (Update VI, 2018)	10242543	1,2-Diphenylhydrazine	6220	WV
S	EPA 8270E (Update VI, 2018)	10242543	1,3,5-Trinitrobenzene (1,3,5-TNB)	6885	WV
S	EPA 8270E (Update VI, 2018)	10242543	1,3-Dichlorobenzene (m-Dichlorobenzene)	4615	WV
S	EPA 8270E (Update VI, 2018)	10242543	1,3-Dinitrobenzene (1,3-DNB)	6160	WV
S	EPA 8270E (Update VI, 2018)	10242543	1,4-Dichlorobenzene (p-Dichlorobenzene)	4620	WV
S	EPA 8270E (Update VI, 2018)	10242543	1,4-Dinitrobenzene (1,4-DNB)	6165	WV
S	EPA 8270E (Update VI, 2018)	10242543	1,4-Dioxane (1,4- Diethyleneoxide)	4735	WV
S	EPA 8270E (Update VI, 2018)	10242543	1,4-Naphthoquinone	6420	WV
S	EPA 8270E (Update VI, 2018)	10242543	1-Methylnaphthalene	6380	WV
S	EPA 8270E (Update VI, 2018)	10242543	1-Naphthylamine	6425	WV
S	EPA 8270E (Update VI, 2018)	10242543	2,2'-Oxybis(1-chloropropane), bis(2-Chloro-1-methylethyl)ether	4659	WV
S	EPA 8270E (Update VI, 2018)	10242543	2,3,4,6-Tetrachlorophenol	6735	WV
S	EPA 8270E (Update VI, 2018)	10242543	2,4,5-Trichlorophenol	6835	WV
S	EPA 8270E (Update VI, 2018)	10242543	2,4,6-Trichlorophenol	6840	WV
S	EPA 8270E (Update VI, 2018)	10242543	2,4-Dichlorophenol	6000	WV
S	EPA 8270E (Update VI, 2018)	10242543	2,4-Dimethylphenol	6130	WV
S	EPA 8270E (Update VI, 2018)	10242543	2,4-Dinitrophenol	6175	WV
S	EPA 8270E (Update VI, 2018)	10242543	2,4-Dinitrotoluene (2,4-DNT)	6185	WV
S	EPA 8270E (Update VI, 2018)	10242543	2,6-Dichlorophenol	6005	WV
S	EPA 8270E (Update VI, 2018)	10242543	2,6-Dinitrotoluene (2,6-DNT)	6190	WV
S	EPA 8270E (Update VI, 2018)	10242543	2-Acetylaminofluorene	5515	WV
S	EPA 8270E (Update VI, 2018)	10242543	2-Chloronaphthalene	5795	WV
S	EPA 8270E (Update VI, 2018)	10242543	2-Chlorophenol	5800	WV
S	EPA 8270E (Update VI, 2018)	10242543	2-Methyl-4,6-dinitrophenol (4,6-Dinitro-2-methylphenol)	6360	WV
S	EPA 8270E (Update VI, 2018)	10242543	2-Methylaniline (o-Toluidine)	5145	WV
S	EPA 8270E (Update VI, 2018)	10242543	2-Methylnaphthalene	6385	WV
S	EPA 8270E (Update VI, 2018)	10242543	2-Methylphenol (o-Cresol)	6400	WV
S	EPA 8270E (Update VI, 2018)	10242543	2-Naphthylamine	6430	WV
S	EPA 8270E (Update VI, 2018)	10242543	2-Nitroaniline	6460	WV
S	EPA 8270E (Update VI, 2018)	10242543	2-Nitrophenol	6490	WV
S	EPA 8270E (Update VI, 2018)	10242543	2-Picoline (2-Methylpyridine)	5050	WV
S	EPA 8270E (Update VI, 2018)	10242543	3,3'-Dichlorobenzidine	5945	WV
S	EPA 8270E (Update VI, 2018)	10242543	3,3'-Dimethylbenzidine	6120	WV
S	EPA 8270E (Update VI, 2018)	10242543	3-Methylcholanthrene	6355	WV
S	EPA 8270E (Update VI, 2018)	10242543	3-Methylphenol (m-Cresol)	6405	WV

WEST VIRGINIA Accreditation Certificate

ALS Environmental- Holland, MI

State Lab ID: 355

Document ID: WV-C24-00096

Effective Date: 08/31/2019

Expiration Date: 08/31/2025

S	EPA 8270E (Update VI, 2018)	10242543	3-Nitroaniline	6465	WV
S	EPA 8270E (Update VI, 2018)	10242543	4-Aminobiphenyl	5540	WV
S	EPA 8270E (Update VI, 2018)	10242543	4-Bromophenyl phenyl ether (BDE-3)	5660	WV
S	EPA 8270E (Update VI, 2018)	10242543	4-Chloro-3-methylphenol	5700	WV
S	EPA 8270E (Update VI, 2018)	10242543	4-Chloroaniline	5745	WV
S	EPA 8270E (Update VI, 2018)	10242543	4-Chlorophenyl phenylether	5825	WV
S	EPA 8270E (Update VI, 2018)	10242543	4-Dimethyl aminoazobenzene	6105	WV
S	EPA 8270E (Update VI, 2018)	10242543	4-Methylphenol (p-Cresol)	6410	WV
S	EPA 8270E (Update VI, 2018)	10242543	4-Nitroaniline	6470	WV
S	EPA 8270E (Update VI, 2018)	10242543	4-Nitrophenol	6500	WV
S	EPA 8270E (Update VI, 2018)	10242543	4-Nitroquinoline-1-oxide	6510	WV
S	EPA 8270E (Update VI, 2018)	10242543	5,5-Diphenylhydantoin (Phenytoin)	6215	WV
S	EPA 8270E (Update VI, 2018)	10242543	5-Nitro-o-toluidine	6570	WV
S	EPA 8270E (Update VI, 2018)	10242543	7,12-Dimethylbenz(a)anthracene	6115	WV
S	EPA 8270E (Update VI, 2018)	10242543	a-a-Dimethylphenethylamine	6125	WV
S	EPA 8270E (Update VI, 2018)	10242543	Acenaphthene	5500	WV
S	EPA 8270E (Update VI, 2018)	10242543	Acenaphthylene	5505	WV
S	EPA 8270E (Update VI, 2018)	10242543	Acetophenone	5510	WV
S	EPA 8270E (Update VI, 2018)	10242543	Aniline	5545	WV
S	EPA 8270E (Update VI, 2018)	10242543	Anthracene	5555	WV
S	EPA 8270E (Update VI, 2018)	10242543	Aramite	5560	WV
S	EPA 8270E (Update VI, 2018)	10242543	Atrazine	7065	WV
S	EPA 8270E (Update VI, 2018)	10242543	Benzaldehyde	5570	WV
S	EPA 8270E (Update VI, 2018)	10242543	Benazidine	5595	WV
S	EPA 8270E (Update VI, 2018)	10242543	Benzo(a)anthracene	5575	WV
S	EPA 8270E (Update VI, 2018)	10242543	Benzo(a)pyrene	5580	WV
S	EPA 8270E (Update VI, 2018)	10242543	Benzo(g,h,i)perylene	5590	WV
S	EPA 8270E (Update VI, 2018)	10242543	Benzo(k)fluoranthene	5600	WV
S	EPA 8270E (Update VI, 2018)	10242543	Benzoic acid	5610	WV
S	EPA 8270E (Update VI, 2018)	10242543	Benzo[b]fluoranthene	5585	WV
S	EPA 8270E (Update VI, 2018)	10242543	Benzyl alcohol	5630	WV
S	EPA 8270E (Update VI, 2018)	10242543	bis(2-Chloroethoxy)methane	5760	WV
S	EPA 8270E (Update VI, 2018)	10242543	bis(2-Chloroethyl) ether	5765	WV
S	EPA 8270E (Update VI, 2018)	10242543	Butyl benzyl phthalate	5670	WV
S	EPA 8270E (Update VI, 2018)	10242543	Caprolactam	7180	WV
S	EPA 8270E (Update VI, 2018)	10242543	Carbazole	5680	WV
S	EPA 8270E (Update VI, 2018)	10242543	Chlorobenzilate	7260	WV
S	EPA 8270E (Update VI, 2018)	10242543	Chrysene	5855	WV
S	EPA 8270E (Update VI, 2018)	10242543	Di(2-ethylhexyl) phthalate (bis(2-Ethylhexyl)phthalate, DEHP)	6065	WV

WEST VIRGINIA Accreditation Certificate

ALS Environmental- Holland, MI

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S	EPA 8270E (Update VI, 2018)	10242543	Di-n-butyl phthalate	5925	WV
S	EPA 8270E (Update VI, 2018)	10242543	Di-n-octyl phthalate	6200	WV
S	EPA 8270E (Update VI, 2018)	10242543	Diallate	7405	WV
S	EPA 8270E (Update VI, 2018)	10242543	Dibenz(a,h) anthracene	5895	WV
S	EPA 8270E (Update VI, 2018)	10242543	Dibenzofuran	5905	WV
S	EPA 8270E (Update VI, 2018)	10242543	Diethyl phthalate	6070	WV
S	EPA 8270E (Update VI, 2018)	10242543	Dimethoate	7475	WV
S	EPA 8270E (Update VI, 2018)	10242543	Dimethyl phthalate	6135	WV
S	EPA 8270E (Update VI, 2018)	10242543	Dinoseb (2-sec-butyl-4,6-dinitrophenol, DNBP)	8620	WV
S	EPA 8270E (Update VI, 2018)	10242543	Diphenylamine	6205	WV
S	EPA 8270E (Update VI, 2018)	10242543	Disulfoton	8625	WV
S	EPA 8270E (Update VI, 2018)	10242543	Ethyl methanesulfonate	6260	WV
S	EPA 8270E (Update VI, 2018)	10242543	Famphur	7580	WV
S	EPA 8270E (Update VI, 2018)	10242543	Fluoranthene	6265	WV
S	EPA 8270E (Update VI, 2018)	10242543	Fluorene	6270	WV
S	EPA 8270E (Update VI, 2018)	10242543	Hexachlorobenzene	6275	WV
S	EPA 8270E (Update VI, 2018)	10242543	Hexachlorobutadiene	4835	WV
S	EPA 8270E (Update VI, 2018)	10242543	Hexachlorocyclopentadiene	6285	WV
S	EPA 8270E (Update VI, 2018)	10242543	Hexachloroethane	4840	WV
S	EPA 8270E (Update VI, 2018)	10242543	Hexachloropropene	6295	WV
S	EPA 8270E (Update VI, 2018)	10242543	Indeno(1,2,3-cd) pyrene	6315	WV
S	EPA 8270E (Update VI, 2018)	10242543	Isodrin	7725	WV
S	EPA 8270E (Update VI, 2018)	10242543	Isophorone	6320	WV
S	EPA 8270E (Update VI, 2018)	10242543	Isosafrole	6325	WV
S	EPA 8270E (Update VI, 2018)	10242543	Kepone	7740	WV
S	EPA 8270E (Update VI, 2018)	10242543	Methapyrilene	6345	WV
S	EPA 8270E (Update VI, 2018)	10242543	Methyl methanesulfonate	6375	WV
S	EPA 8270E (Update VI, 2018)	10242543	Methyl parathion (Parathion, methyl)	7825	WV
S	EPA 8270E (Update VI, 2018)	10242543	n-Nitroso-di-n-butylamine	5025	WV
S	EPA 8270E (Update VI, 2018)	10242543	n-Nitrosodi-n-propylamine	6545	WV
S	EPA 8270E (Update VI, 2018)	10242543	n-Nitrosodiethylamine	6525	WV
S	EPA 8270E (Update VI, 2018)	10242543	n-Nitrosodimethylamine	6530	WV
S	EPA 8270E (Update VI, 2018)	10242543	n-Nitrosodiphenylamine	6535	WV
S	EPA 8270E (Update VI, 2018)	10242543	n-Nitrosomethylethylamine	6550	WV
S	EPA 8270E (Update VI, 2018)	10242543	n-Nitrosomorpholine	6555	WV
S	EPA 8270E (Update VI, 2018)	10242543	n-Nitrosopiperidine	6560	WV
S	EPA 8270E (Update VI, 2018)	10242543	n-Nitrosopyrrolidine	6565	WV
S	EPA 8270E (Update VI, 2018)	10242543	Naphthalene	5005	WV
S	EPA 8270E (Update VI, 2018)	10242543	Nitrobenzene	5015	WV

S	EPA 8270E (Update VI, 2018)	10242543	o,o,o-Triethyl phosphorothioate	8290	WV
S	EPA 8270E (Update VI, 2018)	10242543	Parathion, ethyl	7955	WV
S	EPA 8270E (Update VI, 2018)	10242543	Pentachlorobenzene	6590	WV
S	EPA 8270E (Update VI, 2018)	10242543	Pentachloronitrobenzene	6600	WV
S	EPA 8270E (Update VI, 2018)	10242543	Pentachlorophenol	6605	WV
S	EPA 8270E (Update VI, 2018)	10242543	Phenacetin	6610	WV
S	EPA 8270E (Update VI, 2018)	10242543	Phenanthrene	6615	WV
S	EPA 8270E (Update VI, 2018)	10242543	Phenol	6625	WV
S	EPA 8270E (Update VI, 2018)	10242543	Phorate	7985	WV
S	EPA 8270E (Update VI, 2018)	10242543	Pronamide (Kerb)	6650	WV
S	EPA 8270E (Update VI, 2018)	10242543	Pyrene	6665	WV
S	EPA 8270E (Update VI, 2018)	10242543	Pyridine	5095	WV
S	EPA 8270E (Update VI, 2018)	10242543	Safrole	6685	WV
S	EPA 8270E (Update VI, 2018)	10242543	Sulfotep (Tetraethyl dithiopyrophosphate)	8155	WV
S	EPA 8270E (Update VI, 2018)	10242543	Thionazin (Zinophos)	8235	WV
S	EPA 8270E (Update VI, 2018)	10242543	tris-(2,3-Dibromopropyl) phosphate (tris-BP)	8310	WV
S	EPA 8315A (Update III, 1996)	10188008	Acetaldehyde	4300	WV
S	EPA 8315A (Update III, 1996)	10188008	Formaldehyde	4815	WV
S	EPA 9010C (2004)	10243002	Amenable Cyanide	1510	WV
S	EPA 9010C (2004)	10243002	Total Cyanide	1645	WV
S	EPA 9012B (Update III, 1996)	10243206	Total Cyanide	1645	WV
S	EPA 9013A (Update V, 2014)	10308802	Total Cyanide	1645	WV
S	EPA 9030B (Update III, 1996)	10195605	Sulfide	2005	WV
S	EPA 9034 (Update III, 1996)	10196006	Sulfide	2005	WV
S	EPA 9040C (Update IIIB, 2004)	10244403	Corrosivity (pH)	1625	WV
S	EPA 9045D (Update IIIB, 2004)	10198455	Corrosivity (pH)	1625	WV
S	EPA 9056A (Update IV, 2007)	10199607	Bromide	1540	WV
S	EPA 9056A (Update IV, 2007)	10199607	Chloride	1575	WV
S	EPA 9056A (Update IV, 2007)	10199607	Fluoride	1730	WV
S	EPA 9056A (Update IV, 2007)	10199607	Nitrate as N	1810	WV
S	EPA 9056A (Update IV, 2007)	10199607	Nitrate as N	1810	WV
S	EPA 9056A (Update IV, 2007)	10199607	Nitrate plus Nitrite as N	1820	WV
S	EPA 9056A (Update IV, 2007)	10199607	Nitrite as N	1840	WV
S	EPA 9056A (Update IV, 2007)	10199607	Sulfate	2000	WV
S	EPA 9071B (Update IIIA, 1998)	10201806	Oil & Grease	1860	WV
S	EPA 9095B (Update IIIB, 2004)	10245600	Free liquid	1745	WV

ATTACHMENT I

WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF WATER AND WASTE MANAGEMENT

List of Certified Parameters
for

**ALS ENVIRONMENTAL - SOUTH
CHARLESTON, WV
SOUTH CHARLESTON, WEST VIRGINIA**

PARAMETERS CERTIFIED

NONPOTABLE WATER INORGANIC NONMETALS

<u>ANALYTE</u>	<u>METHOD</u>	<u>TECHNOLOGY</u>
Color	SM2120 B-11	Visual Comparison
Conductance, Specific	SM2510 B-11	Probe
Nitrite	SM4500-NO2 B-11	Spectrophotometric
Oxygen Demand, Biochemical (BOD)	SM5210 B-16	Probe
Oxygen Demand, Carbonaceous	SM5210 B-16	Probe
Biochemical (CBOD)		
Solids, Settleable	SM2540 F-15	Imhoff Cone
Turbidity	SM2130 B-11	Turbidimetric

NONPOTABLE WATER MICROBIOLOGY

<u>GROUP</u>	<u>METHOD</u>	<u>TECHNOLOGY</u>
Coliform, Fecal (MF)	SM9222 D-15	Membrane Filter
Coliform, Fecal (MPN)	Colilert 18	Multiple Well
Coliform, Fecal (MPN)	SM9221 E-14	Multiple Tube
Coliform, Total (MF)	SM9222 B-15	Membrane Filter
E. Coli (MF)	HACH 10029	Membrane Filter
E. Coli (MPN)	Colilert-18	Multiple Well

HAZARDOUS WASTE CHARACTERISTICS

<u>PROCEDURE</u>	<u>METHOD</u>	<u>TECHNOLOGY</u>
Corrosivity	SW9040C	Electrode

SOLID AND CHEMICAL INORGANIC NONMETALS

<u>ANALYTE</u>	<u>METHOD</u>	<u>TECHNOLOGY</u>
pH (Hydrogen Ion)	SW9045D	Electrode

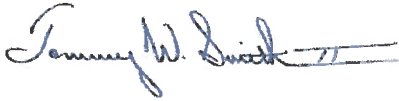
SOLID AND CHEMICAL MICROBIOLOGY

<u>GROUP</u>	<u>METHOD</u>	<u>TECHNOLOGY</u>
Coliform, Fecal (MPN)	SM9221 E-14	Multiple Tube

This laboratory may test **ONLY** for those environmental parameters listed above for compliance reporting purposes. All testing must be by the test method cited in the current application for certification.

This Certification Expires May 31, 2025.

Certificate No 385



Issued on March 29, 2024

Tommy W. Smith II
Quality Assurance Officer

Tommy W.
Smith, II

Digitally signed by: Tommy W.
Smith, II
DN: CN = Tommy W. Smith, II
email = Tommy.W.Smith@wv.
gov C = AD O = WV DEP OU =
DWM/ SRF/ QA
Date: 2024.03.29 09:36:44 -
04'00'

This certified parameter list supersedes all previously issued parameter lists for this certificate number.



west virginia department of environmental protection

ALS Environmental- Valparaiso, IN
2400 Cumberland Dr.
Valparaiso, IN 46383

State Lab ID: 414
Effective Date: 04/26/2024
Expiration Date: 07/31/2025
Document ID: WV-C24-00064

This laboratory is hereby certified to perform analyses for the purpose of determining compliance with the requirements of the state's natural resources and environmental programs where required by an order issued by the agency or required by statute. This certificate does not guarantee the validity of data generated, but indicates the methodology, equipment, quality control procedures, records, and proficiency of the laboratory have been examined and found to be acceptable.

Justin Carpenter

Digitally signed by: Justin
Carpenter
Date: 2024.04.26 13:48:42 -04'00'

Issued By: Justin Carpenter, Program Manager
Date Issued: 04/26/2024

Laboratory Fields of Accreditation

Matrix	Method	Method Code	Analyte	Analyte Code	AB
NPW	EPA 218.6 (3.3, 1994)	10028009	Chromium (VI)	1045	WV

ATTACHMENT I

WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF WATER AND WASTE MANAGEMENT

List of Certified Parameters
for

ALS ENVIRONMENTAL
MIDDLETOWN, PENNSYLVANIA

PARAMETERS CERTIFIED

NONPOTABLE WATER INORGANIC NONMETALS

<u>ANALYTE</u>	<u>METHOD</u>	<u>TECHNOLOGY</u>
Acidity	SM2310 B-11	Titrimetric
Alkalinity	SM2320 B-11	Titrimetric
Ammonia	ASTM D6919-17	IC
Ammonia	SM4500-NH3 G-11	Spectrophotometric
Bromide	EPA300.0 Rev 2.1-1993	IC
Bromide	EPA300.1 Rev 1.0-1997	IC
Bromide	SW9056A	IC
Carbon, Total Organic (TOC)	SM5310 B-14	Combustion
Carbon, Total Organic (TOC)	SW9060A	Combustion
Chloride	EPA300.0 Rev 2.1-1993	IC
Chloride	SW9056A	IC
Chromium VI, Dissolved	EPA218.6 Rev 3.3-1994	IC
Chromium VI, Dissolved	SM3500-Cr B-11	Spectrophotometric
Chromium VI, Dissolved	SW7196A	Spectrophotometric
Color	SM2120 B-11	Visual Comparison
Conductance, Specific	SM2510 B-11	Probe
Cyanide, Available	Kelada-01	Colorimetric
Cyanide, Total	Kelada-01	Colorimetric
Fluoride	EPA300.0 Rev 2.1-1993	IC
Fluoride	SW9056A	IC
Hardness, Calcium	SM2340 B-11	Calculation
Hardness, Total	SM2340 B-11	Calculation
Hardness, Total	SM2340 C-11	Titrimetric
Nitrate	EPA300.0 Rev 2.1-1993	IC
Nitrate	SW9056A	IC
Nitrate-Nitrite	EPA300.0 Rev 2.1-1993	Calculation
Nitrate-Nitrite	EPA353.2 Rev 2.0-1993	Spectrophotometric
Nitrate-Nitrite	SW9056A	Calculation
Nitrite	EPA300.0 Rev 2.1-1993	IC
Nitrite	SW9056A	IC
Nitrogen, Total Kjeldahl (TKN)	SM4500-NH3 G-11	Spectrophotometric
Nitrogen, Total Kjeldahl (TKN)	SM4500-Norg B-11	Digestion
Nitrogen, Total Kjeldahl (TKN)	SM4500-Norg C-11	Digestion
Oil & Grease	EPA1664 B	Gravimetric

<u>METAL</u>	<u>METHOD</u>	<u>TECHNOLOGY</u>
Chromium	EPA200.7 Rev 4.4-1994	ICP
Chromium	EPA200.8 Rev 5.4-1994	ICP-MS
Chromium	SW6010D	ICP
Chromium	SW6020B	ICP-MS
Cobalt	EPA200.7 Rev 4.4-1994	ICP
Cobalt	EPA200.8 Rev 5.4-1994	ICP-MS
Cobalt	SW6010D	ICP
Cobalt	SW6020B	ICP-MS
Copper	EPA200.7 Rev 4.4-1994	ICP
Copper	EPA200.8 Rev 5.4-1994	ICP-MS
Copper	SW6010D	ICP
Copper	SW6020B	ICP-MS
Iron	EPA200.7 Rev 4.4-1994	ICP
Iron	EPA200.8 Rev 5.4-1994	ICP-MS
Iron	SW6010D	ICP
Iron	SW6020B	ICP-MS
Lead	EPA200.7 Rev 4.4-1994	ICP
Lead	EPA200.8 Rev 5.4-1994	ICP-MS
Lead	SW6010D	ICP
Lead	SW6020B	ICP-MS
Lithium	EPA200.7 Rev 4.4-1994	ICP
Lithium	SW6010D	ICP
Magnesium	EPA200.7 Rev 4.4-1994	ICP
Magnesium	SW6010D	ICP
Magnesium	SW6020B	ICP-MS
Manganese	EPA200.7 Rev 4.4-1994	ICP
Manganese	EPA200.8 Rev 5.4-1994	ICP-MS
Manganese	SW6010D	ICP
Manganese	SW6020B	ICP-MS
Mercury	EPA1631 E	CVAF
Mercury	EPA245.1 Rev 3.0-1994	CVAA
Mercury	SW7470A	CVAA
Metals	SW3015A	Digestion
Molybdenum	EPA200.7 Rev 4.4-1994	ICP
Molybdenum	EPA200.8 Rev 5.4-1994	ICP-MS
Molybdenum	SW6010D	ICP
Molybdenum	SW6020B	ICP-MS
Nickel	EPA200.7 Rev 4.4-1994	ICP
Nickel	EPA200.8 Rev 5.4-1994	ICP-MS
Nickel	SW6010D	ICP
Nickel	SW6020B	ICP-MS
Potassium	EPA200.7 Rev 4.4-1994	ICP
Potassium	SW6010D	ICP
Potassium	SW6020B	ICP-MS
Selenium	EPA200.7 Rev 4.4-1994	ICP
Selenium	EPA200.8 Rev 5.4-1994	ICP-MS
Selenium	SW6010D	ICP
Selenium	SW6020B	ICP-MS
Silica	EPA200.7 Rev 4.4-1994	Calculation
Silica	SW6010D	Calculation
Silver	EPA200.7 Rev 4.4-1994	ICP
Silver	EPA200.8 Rev 5.4-1994	ICP-MS

<u>METAL</u>	<u>METHOD</u>	<u>TECHNOLOGY</u>
Silver	SW6010D	ICP
Silver	SW6020B	ICP-MS
Sodium	EPA200.7 Rev 4.4-1994	ICP
Sodium	SW6010D	ICP
Sodium	SW6020B	ICP-MS
Strontium	EPA200.7 Rev 4.4-1994	ICP
Strontium	SW6010D	ICP
Strontium	SW6020B	ICP-MS
Thallium	EPA200.7 Rev 4.4-1994	ICP
Thallium	EPA200.8 Rev 5.4-1994	ICP-MS
Thallium	SW6010D	ICP
Thallium	SW6020B	ICP-MS
Tin	EPA200.7 Rev 4.4-1994	ICP
Tin	SW6010D	ICP
Tin	SW6020B	ICP-MS
Titanium	EPA200.7 Rev 4.4-1994	ICP
Titanium	SW6010D	ICP
Titanium	SW6020B	ICP-MS
Uranium	EPA200.8 Rev 5.4-1994	ICP-MS
Uranium	SW6020B	ICP-MS
Vanadium	EPA200.7 Rev 4.4-1994	ICP
Vanadium	EPA200.8 Rev 5.4-1994	ICP-MS
Vanadium	SW6010D	ICP
Vanadium	SW6020B	ICP-MS
Zinc	EPA200.7 Rev 4.4-1994	ICP
Zinc	EPA200.8 Rev 5.4-1994	ICP-MS
Zinc	SW6010D	ICP
Zinc	SW6020B	ICP-MS

NONPOTABLE WATER VOLATILE ORGANIC CHEMICALS

<u>GROUP</u>	<u>METHOD</u>	<u>TECHNOLOGY</u>
Purge & Trap For Aqueous Samples	SW5030B	Extraction
Purgeables	EPA624.1	GC/MS
Total Petroleum Hydrocarbons (GRO)	SW8015C	GC/FID
Volatile Organic Compounds	SW8260D	GC/MS

NONPOTABLE WATER EXTRACTABLE AND SEMI-VOLATILE ORGANIC CHEMICALS

<u>GROUP</u>	<u>METHOD</u>	<u>TECHNOLOGY</u>
Base/Neutrals & Acids	EPA625.1	GC/MS
Chlorinated Herbicides	SW8151A	GC
Florisil Cleanup	SW3620C	Cleanup
Microextraction	SW3511	Extraction
Organochlorine Pesticides	SW8081B	GC
Organochlorine Pesticides & PCBs	EPA608.3	GC
Polychlorinated Biphenyls	SW8082A	GC
Semivolatile Organic Compounds	SW8270E	GC/MS
Separatory Funnel Liquid-Liquid	SW3510C	Extraction
Silica Gel Cleanup	SW3630C	Cleanup
Solid Phase Extraction	SW3535A	Extraction
Sulfur Cleanup	SW3660B	Cleanup

<u>GROUP</u>	<u>METHOD</u>	<u>TECHNOLOGY</u>
Sulfuric Acid/Permanganate Cleanup	SW3665A	Cleanup
Total Petroleum Hydrocarbons (DRO)	SW8015C	GC/FID
Total Petroleum Hydrocarbons (ORO)	SW8015C	GC/FID

HAZARDOUS WASTE CHARACTERISTICS

<u>PROCEDURE</u>	<u>METHOD</u>	<u>TECHNOLOGY</u>
Corrosivity	SW9040C	Electrode
Ignitability	SW1010B	Closed Cup
Ignitability (Solids)	SW1030	
Paint Filter Test	SW9095B	Gravimetric
TCLP- Metals	SW1311	Extraction
TCLP- Organics	SW1311	Extraction

SOLID AND CHEMICAL INORGANIC NONMETALS

<u>ANALYTE</u>	<u>METHOD</u>	<u>TECHNOLOGY</u>
Ammonia	SM4500-NH3 B-11	Distillation
Ammonia	SM4500-NH3 D-11	ISE
Bromide	SW9056A	IC
Carbon, Total Organic (TOC)	SW9060A	Combustion
Chloride	SW9056A	IC
Chromium VI, Dissolved	SW7196A	Spectrophotometric
Cyanide, Total	SW9010C	Distillation
Cyanide, Total	SW9012B	Spectrophotometric
Fluoride	SW9056A	IC
Nitrate	SW9056A	IC
Nitrate-Nitrite	SW9056A	Calculation
Nitrite	SW9056A	IC
Nitrogen, Total Kjeldahl (TKN)	SM4500-NH3 B-11	Distillation
Nitrogen, Total Kjeldahl (TKN)	SM4500-NH3 G-11	Spectrophotometric
Nitrogen, Total Kjeldahl (TKN)	SM4500-Norg B-11	Digestion
Oil & Grease	SW9071B	Gravimetric
pH (Hydrogen Ion)	SW9045D	Electrode
Phenolics, Total	SW9066	Colorimetric
Phosphorus, Total	EPA365.1 Rev 2.0-1993	Spectrophotometric
Solids, Total, Fixed, & Volatile	SM2540 G-15	Gravimetric
Sulfate	SW9056A	IC
Sulfide	SW9034	Titrimetric

SOLID AND CHEMICAL TRACE METALS

<u>METAL</u>	<u>METHOD</u>	<u>TECHNOLOGY</u>
Aluminum	SW6010D	ICP
Aluminum	SW6020B	ICP-MS
Antimony	SW6010D	ICP
Antimony	SW6020B	ICP-MS
Arsenic	SW6010D	ICP
Arsenic	SW6020B	ICP-MS
Barium	SW6010D	ICP
Barium	SW6020B	ICP-MS
Beryllium	SW6010D	ICP

<u>METAL</u>	<u>METHOD</u>	<u>TECHNOLOGY</u>
Beryllium	SW6020B	ICP-MS
Boron	SW6010D	ICP
Cadmium	SW6010D	ICP
Cadmium	SW6020B	ICP-MS
Calcium	SW6010D	ICP
Calcium	SW6020B	ICP-MS
Chromium	SW6010D	ICP
Chromium	SW6020B	ICP-MS
Cobalt	SW6010D	ICP
Cobalt	SW6020B	ICP-MS
Copper	SW6010D	ICP
Copper	SW6020B	ICP-MS
Iron	SW6010D	ICP
Iron	SW6020B	ICP-MS
Lead	SW6010D	ICP
Lead	SW6020B	ICP-MS
Lithium	SW6010D	ICP
Magnesium	SW6010D	ICP
Magnesium	SW6020B	ICP-MS
Manganese	SW6010D	ICP
Manganese	SW6020B	ICP-MS
Mercury	SW6020B	ICP-MS
Mercury	SW7471B	CVAA
Metals	SW3050B	Digestion
Metals	SW3051A	Digestion
Molybdenum	SW6010D	ICP
Molybdenum	SW6020B	ICP-MS
Nickel	SW6010D	ICP
Nickel	SW6020B	ICP-MS
Potassium	SW6010D	ICP
Potassium	SW6020B	ICP-MS
Selenium	SW6010D	ICP
Selenium	SW6020B	ICP-MS
Silica	SW6010D	Calculation
Silica	SW6020B	Calculation
Silver	SW6010D	ICP
Silver	SW6020B	ICP-MS
Sodium	SW6010D	ICP
Sodium	SW6020B	ICP-MS
Strontium	SW6010D	ICP
Strontium	SW6020B	ICP-MS
Sulfur	SW6010D	ICP
Thallium	SW6010D	ICP
Thallium	SW6020B	ICP-MS
Tin	SW6010D	ICP
Tin	SW6020B	ICP-MS
Titanium	SW6010D	ICP
Titanium	SW6020B	ICP-MS
Uranium	SW6020B	ICP-MS
Vanadium	SW6010D	ICP
Vanadium	SW6020B	ICP-MS
Zinc	SW6010D	ICP

METAL
Zinc

METHOD
SW6020B

TECHNOLOGY
ICP-MS

SOLID AND CHEMICAL VOLATILE ORGANIC CHEMICALS

GROUP

Closed System Purge & Trap
Total Petroleum Hydrocarbons (GRO)
Volatile Organic Compounds

METHOD

SW5035
SW8015C
SW8260D

TECHNOLOGY

Extraction
GC/FID
GC/MS

SOLID AND CHEMICAL EXTRACTABLE AND SEMI-VOLATILE ORGANIC CHEMICALS

GROUP

Chlorinated Herbicides
Florisil Cleanup
Microwave Extraction
Organochlorine Pesticides
Polychlorinated Biphenyls
Semivolatile Organic Compounds
Silica Gel Cleanup
Sulfur Cleanup
Sulfuric Acid/Permanganate Cleanup
Total Petroleum Hydrocarbons (DRO)
Total Petroleum Hydrocarbons (ORO)
Waste Dilution

METHOD

SW8151A
SW3620C
SW3546
SW8081B
SW8082A
SW8270E
SW3630C
SW3660B
SW3665A
SW8015C
SW8015C
SW3580A

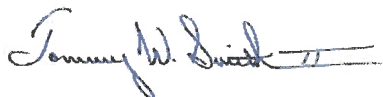
TECHNOLOGY

GC/ECD
Cleanup
Extraction
GC
GC
GC/MS
Cleanup
Cleanup
Cleanup
GC/FID
GC/FID
Dilution

This laboratory may test **ONLY** for those environmental parameters listed above for compliance reporting purposes. All testing must be by the test method cited in the current application for certification.

This Certification Expires July 31, 2025.

Certificate No 343



Issued on September 03, 2024

Tommy W. Smith II
Quality Assurance Officer

Tommy W.
Smith, II

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This certified parameter list supersedes all previously issued parameter lists for this certificate number.