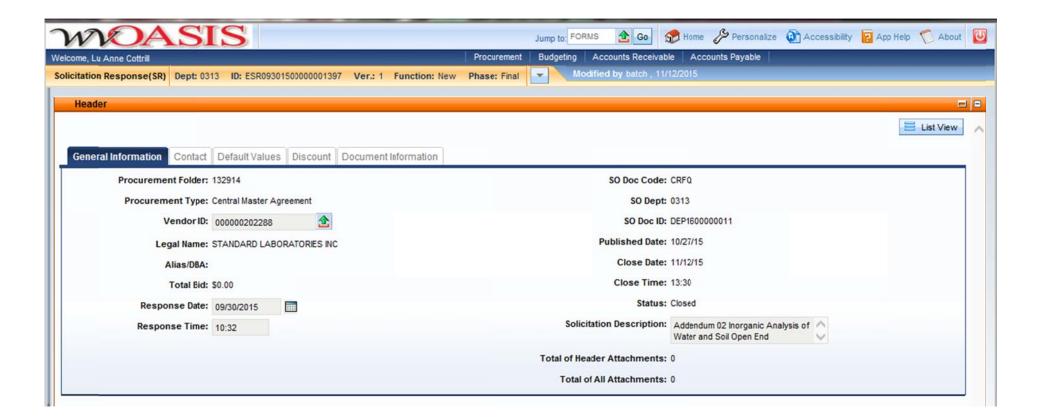


2019 Washington Street, East Charleston, WV 25305 Telephone: 304-558-2306 General Fax: 304-558-6026

Bid Fax: 304-558-3970

The following documentation is an electronically-submitted vendor response to an advertised solicitation from the *West Virginia Purchasing Bulletin* within the Vendor Self-Service portal at *wvOASIS.gov*. As part of the State of West Virginia's procurement process, and to maintain the transparency of the bid-opening process, this documentation submitted online is publicly posted by the West Virginia Purchasing Division at *WVPurchasing.gov* with any other vendor responses to this solicitation submitted to the Purchasing Division in hard copy format.





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

State of West Virginia Solicitation Response

Proc Folder: 132914

Solicitation Description: Addendum 02 Inorganic Analysis of Water and Soil Open End

Proc Type: Central Master Agreement

Date issued Solicitation Close	es Solicitation No	Version
2015-11-12 13:30:00	SR 0313 ESR09301500000001397	1

VENDOR

000000202288

STANDARD LABORATORIES INC

FOR INFORMATION CONTACT THE BUYER

Beth Collins (304) 558-2157 beth.a.collins@wv.gov

Signature X FEIN # DATE

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

Page: 1 FORM ID: WV-PRC-SR-001

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
1	Analysis of Soil and Water Samples	1.00000	LS		

Comm Code	Manufacturer	Specification	Model #	
81102600				

Extended Description :

Analysis of Soil and Water Samples as outlined on the attached bid sheet. Do not enter prices on commodity line.

GENERAL TERMS AND CONDITIONS:

- 1. CONTRACTUAL AGREEMENT: Issuance of a Award Document signed by the Purchasing Division Director, or his designee, and approved as to form by the Attorney General's office constitutes acceptance of this Contract made by and between the State of West Virginia and the Vendor. Vendor's signature on its bid 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. "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.
 - 2.3. "Director" means the Director of the West Virginia Department of Administration, Purchasing Division.
 - 2.4. "Purchasing Division" means the West Virginia Department of Administration, Purchasing Division.
 - 2.5. "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.
 - **2.6.** "Solicitation" means the official notice of an opportunity to supply the State with goods or services that is published by the Purchasing Division.
 - 2.7. "State" means the State of West Virginia and/or any of its agencies, commissions, boards, etc. as context requires.
 - 2.8. "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.

determined in accordance with the category that has been identified as applicable to this Contract below: Term Contract
Initial Contract Term: This Contract becomes effective on contract award and extends for a period of One (1) year(s).
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 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. 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 36 months in total. Automatic renewal of this Contract is prohibited. Notwithstanding the foregoing, Purchasing Division approval is not required on agency delegated or exempt purchases. Attorney General approval may be required for vendor terms and conditions. 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
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.
Other: See attached.

- 4. NOTICE TO PROCEED: Vendor shall begin performance of this Contract immediately upon receiving notice to proceed unless otherwise instructed by the Agency. Unless otherwise specified, the fully executed Award Document will be considered notice to proceed.
- 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 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.
- 6. 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.
- 7. 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.
- 8. REQUIRED DOCUMENTS: All of the items checked below must be provided to the Purchasing Division by the Vendor as specified below.

	BID BOND: All Vendors shall furnish a bid bond in the amount of five percent (5%) of the total amount of the bid protecting the State of West Virginia. The bid bond must be submitted with the bid.
	PERFORMANCE BOND: The apparent successful Vendor shall provide a performance bond in the amount of The performance bond must be received by the Purchasing Division prior to Contract award. On construction contracts, the performance bond must be 100% of the Contract value.
	LABOR/MATERIAL PAYMENT BOND: The apparent successful Vendor shall provide a labor/material payment bond in the amount of 100% of the Contract value. The labor/material payment bond must be delivered to the Purchasing Division prior to Contract award.
Ver Any bon repl bon	tieu of the Bid Bond, Performance Bond, and Labor/Material Payment Bond, the ndor may provide certified checks, cashier's checks, or irrevocable letters of credit. It certified check, cashier's check, or irrevocable letter of credit provided in lieu of a d must be of the same amount and delivered on the same schedule as the bond it laces. A letter of credit submitted in lieu of a performance and labor/material payment d will only be allowed for projects under \$100,000. Personal or business checks are acceptable.
	MAINTENANCE BOND: The apparent successful Vendor shall provide a two (2) year maintenance bond covering the roofing system. The maintenance bond must be issued and delivered to the Purchasing Division prior to Contract award.
	INSURANCE: The apparent successful Vendor shall furnish proof of the following insurance prior to Contract award and shall list the state as a certificate holder:
	Commercial General Liability Insurance: In the amount of or more.
	Builders Risk Insurance: In an amount equal to 100% of the amount of the Contract.

		The apparent successful Vendor shall also furnish proof of any additional insurance requirements contained in the specifications prior to Contract award regardless of whether or not that insurance requirement is listed above.
	V	LICENSE(S) / CERTIFICATIONS / PERMITS: In addition to anything required under the Section entitled Licensing, of the General Terms and Conditions, the apparent successful Vendor shall furnish proof of the following licenses, certifications, and/or permits prior to Contract award, in a form acceptable to the Purchasing Division.
		Water Resources Quality Assurance Certification
		The apparent successful Vendor shall also furnish proof of any additional licenses or certifications contained in the specifications prior to Contract award regardless of whether or not that requirement is listed above.
9,	comply	ERS' COMPENSATION INSURANCE: The apparent successful Vendor shall with laws relating to workers compensation, shall maintain workers' compensation ce when required, and shall furnish proof of workers' compensation insurance upon
10.	protest lowest lowest lowest lowest lowest lowest lowest lowest purpose needles Purchas check purchas check purchas check purchas lowest lowes	ATION BOND: The Director reserves the right to require any Vendor that files a of an award to submit a litigation bond in the amount equal to one percent of the bid submitted or \$5,000, whichever is greater. The entire amount of the bond shall be diff the hearing officer determines that the protest was filed for frivolous or improper, including but not limited to, the purpose of harassing, causing unnecessary delay, or see expense for the Agency. All litigation bonds shall be made payable to the ing Division. In lieu of a bond, the protester may submit a cashier's check or certified bayable to the Purchasing Division. Cashier's or certified checks will be deposited dheld by the State Treasurer's office. If it is determined that the protest has not been frivolous or improper purpose, the bond or deposit shall be returned in its entirety.
11.	LIQUI	DATED DAMAGES: Vendor shall pay liquidated damages in the amount of
	for	use shall in no way be considered exclusive and shall not limit the State or Agency's
		pursue any other available remedy.

- 12. ACCEPTANCE/REJECTION: The State may accept or reject any bid in whole, or in part. Vendor's signature on its bid signifies acceptance of the terms and conditions contained in the Solicitation and Vendor agrees to be bound by the terms of the Contract, as reflected in the Award Document, upon receipt.
- 13. 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.
- **14. PAYMENT:** Payment in advance is prohibited under this Contract. Payment may only be made after the delivery and acceptance of goods or services. The Vendor shall submit invoices, in arrears.
- 15. 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.
- 16. 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 § 148-1-7.16.2.
- 17. TIME: Time is of the essence with regard to all matters of time and performance in this Contract.
- 18. 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.
- 19. COMPLIANCE: 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 law.
- **20. PREVAILING WAGE:** Vendor shall be responsible for ensuring compliance with prevailing wage requirements and determining when prevailing wage requirements are applicable.

- 21. 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.
- 22. 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). No Change shall be implemented by the Vendor until such time as the Vendor receives an approved written change order from the Purchasing Division.
- 23. 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.
- 24. 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.
- 25. 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. Notwithstanding the foregoing, Purchasing Division approval may or may not be required on certain agency delegated or exempt purchases.
- 26. 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.
- 27. 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.
- **28. BANKRUPTCY:** In the event the Vendor files for bankruptcy protection, the State of West Virginia may deem this Contract null and void, and terminate this Contract without notice.
- 29. 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 http://www.state.wv.us/admin/purchase/privacy/default.html.

30. DISCLOSURE: Vendor's response to the Solicitation and the resulting Contract are considered public documents and will be disclosed to the public in accordance with the laws, rules, and policies governing the West Virginia Purchasing Division. Those laws include, but are not limited to, the Freedom of Information Act found in West Virginia Code §§ 29B-1-1 et seq. and the competitive bidding laws found West Virginia Code §§ 5A-3-1 et seq., 5-22-1 et seq., and 5G-1-1 et seq.

If a Vendor considers any part of its bid to be exempt from public disclosure, Vendor must so indicate by specifically identifying the exempt information, identifying the exemption that applies, providing a detailed justification for the exemption, segregating the exempt information from the general bid information, and submitting the exempt information as part of its bid but in a segregated and clearly identifiable format. Failure to comply with the foregoing requirements will result in public disclosure of the Vendor's bid without further notice. A Vendor's act of marking all or nearly all of its bid as exempt is not sufficient to avoid disclosure and WILL NOT BE HONORED. Vendor's act of marking a bid or any part thereof as "confidential" or "proprietary" is not sufficient to avoid disclosure and WILL NOT BE HONORED. A legend or other statement indicating that all or substantially all of the bid is exempt from disclosure is not sufficient to avoid disclosure and WILL NOT BE HONORED. Additionally, pricing or cost information will not be considered exempt from disclosure and requests to withhold publication of pricing or cost information WILL NOT BE HONORED.

Vendor will be required to defend any claimed exemption for nondisclosure in the event of an administrative or judicial challenge to the State's nondisclosure. Vendor must indemnify the State for any costs incurred related to any exemptions claimed by Vendor. Any questions regarding the applicability of the various public records laws should be addressed to your own legal counsel prior to bid submission.

- 31. LICENSING: In accordance with West Virginia Code of State Rules §148-1-6.1.7, 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. 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.
- 32. 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.

- 33. VENDOR CERTIFICATIONS: By signing its bid or entering into this Contract, Vendor certifies (1) that its bid or offer was made without prior understanding, agreement, or connection with any corporation, firm, limited liability company, partnership, person or entity submitting a bid or offer for the same material, supplies, equipment or services; (2) that its bid or offer is in all respects fair and without collusion or fraud; (3) 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; and (4) that it has reviewed this Solicitation in its entirety; understands the requirements, terms and conditions, and other information contained herein. Vendor's signature on its bid or offer also affirms that neither it nor its representatives have any interest, nor shall 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. The individual signing this bid or offer on behalf of Vendor certifies that he or she is authorized by the Vendor to execute this bid or offer or any documents related thereto on Vendor's behalf; that he or she is authorized to bind the Vendor in a contractual relationship; and that, to the best of his or her knowledge. the Vendor has properly registered with any State agency that may require registration.
- 34. PURCHASING CARD ACCEPTANCE: The State of West Virginia currently utilizes a Purchasing Card program, administered under contract by a banking institution, to process payment for goods and services. The Vendor must accept the State of West Virginia's Purchasing Card for payment of all orders under this Contract unless the box below is checked.

Vendor is not required to accept the State of West Virginia's Purchasing Card as payment for all goods and services.

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. PURCHASING AFFIDAVIT: In accordance with West Virginia Code § 5A-3-10a, all Vendors are required to sign, notarize, and submit the Purchasing Affidavit stating that neither the Vendor nor a related party owe a debt to the State in excess of \$1,000. The affidavit must be submitted prior to award, but should be submitted with the Vendor's bid. A copy of the Purchasing Affidavit is included herewith.
- 38. ADDITIONAL AGENCY AND LOCAL GOVERNMENT USE: This Contract may be utilized by and extends to other agencies, spending units, and political subdivisions of the State of West Virginia; county, municipal, and other local government bodies; and school districts ("Other Government Entities"). This Contract shall be extended to the aforementioned Other Government Entities on the same prices, terms, and conditions as those offered and agreed to in this Contract. If the Vendor does not wish to extend the prices, terms, and conditions of its bid and subsequent contract to the Other Government Entities, the Vendor must clearly indicate such refusal in its bid. A refusal to extend this Contract to the Other Government Entities shall not impact or influence the award of this Contract in any manner.
- 39. 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.
- **40. REPORTS:** Vendor shall provide the Agency and/or the Purchasing Division with the following reports identified by a checked box below:

\checkmark	Such report	s as the	Agency	and/or	the F	urchasing	Division	may	request	. Reque	sted
	reports may	include,	but are	not lim	ited to	, quantitie	s purchas	ed, aş	gencies	utilizing	the
	contract, tota	al contrac	ct expend	litures b	y age	ncy, 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.requisitions@wv.gov.
- 41. BACKGROUND CHECK: In accordance with W. Va. Code § 15-2D-3, the Director of the Division of Protective Services shall require any service provider whose employees are regularly employed on the grounds or in the buildings of the Capitol complex or who have access to sensitive or critical information to submit to a fingerprint-based state and federal background inquiry through the state repository. The service provider is responsible for any costs associated with the fingerprint-based state and federal background inquiry.

After the contract for such services has been approved, but before any such employees are permitted to be on the grounds or in the buildings of the Capitol complex or have access to sensitive or critical information, the service provider shall submit a list of all persons who will be physically present and working at the Capitol complex to the Director of the Division of Protective Services for purposes of verifying compliance with this provision.

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.

- 42. 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. The Purchasing Division Director may, in writing, authorize the use of foreign steel products if:
 - c. 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

- d. 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.
- 43. 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.

CERTIFICATIONAND SIGNATURE PAGE

By signing below, or submitting documentation through wvOASIS, I certify that I have reviewed this Solicitation in its entirety; understand the requirements, terms and conditions, and other information contained herein; that I am submitting this bid, offer or proposal for review and consideration; 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.

Standard Laboratories, Inc.
(Company)
(Authorized Signature) (Representative Name, Title)
(304) 457-4749, (304) 457-1562
(Phone Number) (Fax Number) (Date)

ADDENDUM ACKNOWLEDGEMENT FORM SOLICITATION NO.:

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.

	umbers Received: ox next to each addendum rece	ived)	
	Addendum No. 1		Addendum No. 6
	Addendum No. 2		Addendum No. 7
	Addendum No. 3		Addendum No. 8
	Addendum No. 4		Addendum No. 9
	Addendum No. 5		Addendum No. 10
I further unde discussion hel	rstand that any verbal represe. Id between Vendor's represen	ntation tatives	ddenda may be cause for rejection of this bid. made or assumed to be made during any oral and any state personnel is not binding. Only be specifications by an official addendum is
Standard L Company	aboratories, Inc.		
Authorized Si	gnature		
9/30/15 Date			
NOTE: This document produced		nt shou	ald be submitted with the bid to expedite

INORGANIC ANALYSIS OF WATER AND SOIL

Liquid Samples & Solids

				Method	Practical				
Item #		Description	Method #	Detection Limit*	Quantitation Limit	Unit Price		Amount	
3.53							34.534	100	
1	4000	рН	SM4500-H B-11	N/A		\$	4.25	\$	17,000.00
1A	10	pH (Solid)						\$	
2	4000	Hot Acidity	SM2310 B(4a)-11	3 mg/L		\$	6.50	\$	26,000.00
2A	1000	Hot Acidity Alt. Method						\$	
3	4000	Alkalinity	SM2320 B-11	3 mg/L		\$	6.50	\$	26,000.00
3A	1000	Alkalinity Alt. Method						\$	
4	500	Hardness	SM2340 B-11	0.007 mg/L	0.5 mg/L	\$	13.50	\$	6,750.00
4A	100	Hardness Alt. Method	SM2340 C-11	0.5 mg/L	1.0 mg/L	\$	13.50		1,350.00
			31V12340 C-11	0.5 mg/L	1.0 mg/L	Ψ	13.30		1,330.00
4B	10	Hardness (Solid)						\$	
5	1000	Specific Conductance	SM2510 B-11	1 UMHO/cm		\$	4.25	\$\$	4,250.00
5A	500	Specific Conductance Alt. Method						\$	
6	4000	Sulfate	ASTM D516-02	1.2 mg/L	2.0 mg/L	\$	12.50	\$	50,000.00
6A	1000	Sulfate Alt. Method	EPA300.0 Rev2.1-1993	0.01 mg/L	0.5 mg/L	\$	12.50	\$	12,500.00
6B 7	10 20	Sulfate (Solid) Sulfide						\$	
7 7A	10	Sulfide Alt. Method						\$	
8	20	Turbidity	SM2130 B-11			\$	10.00	\$	200.00
8A	10	Turbidity Alt. Method				Ť		\$	
9	25	Bromide	EPA300.0 Rev2.1-1993	0.02 mg/L	0.03 mg/L	\$	12.50	\$	312.50
9A	10	Bromide Alt. Method						\$	
9B	10	Bromide (Solid)						\$	
10	3000	Chloride	SM4500-CI B-11	0.6 mg/L	1 mg/L	\$	12.50	\$	37,500.00
10A 10B	100 10	Chloride Alt. Method Chloride (Solid)	EPA300.0 Rev2.1-1993	0.01 mg/L	0.2 mg/L	\$	12.50	\$ \$	1,250.00
11	25	Fluoride	EPA300.0 Rev2.1-1993	0.04 mg/l	0.5 mg/l	\$	12.50	- Ψ - \$	312.50
			EPA300.0 Rev2.1-1993	0.04 mg/L	0.5 mg/L	Ф	12.50		312.50
11A	10	Fluoride Alt. Method						\$	-
11B	10	Fluoride (Solid)						\$	-
12	4000	Fecal Coliform (MF)	SM9222 D-97	1 cnt/100mL		\$	25.25	\$	101,000.00
12A	1000	Fecal Coliform (MF) Alt. Method						\$	
13	100	Fecal Coliform (MPN)						\$	
13A	50	Fecal Coliform (MPN) Alt. Method						\$	
14	20	Total Coliform	SM9222 B-97	1 cnt/100mL		\$	25.25	\$	505.00
15	25	Total Solids	SM2540 B-11	10 mg/L		\$	7.00	\$	175.00
15A	10	Total Solids Alt. Method						\$	
15B	10	Total Solids (Solid)						\$,
16	3000	Dissolved Solids (TDS)	SM2540 C-11	10 mg/L		\$	7.00	\$	21,000.00
16A	1000	Dissolved Solids (TDS) Alt. Method		_				\$	
17	4000	Suspended Solids (TSS)	SM2540 D-11	3 mg/L		\$	7.00	\$	28,000.00

				Method	Practical	I			
Item #	Est. Quantity	Description	Method #	Detection Limit*	Quantitation	Unit Price	_	mount	
itoiii "	-	Becomplian	Wethod #		Limit	OTHER HOC	, anound		
18.18.									
17A	1000	Suspended Solids (TSS) Alt. Method						\$	
18	25	Settleable Solids	SM2540 F-11	0.3 ml/L	0.3 ml/L	\$ 6.50	\$	162.50	
18A	10	Settleable Solids Alt.					\$	-	
19	25	Volatile Solids					\$	-	
19A	10	Volatile Solids Alt. Method					\$	-	
19B	10	Volatile Solids (Solid)					\$	-	
20	25	Percent Solids					\$	-	
20A	10	Percent Solids Alt. Method					\$	-	
20B	10	Percent Solids (Solid)					\$	-	
21	400	Kjeldahl Nitrogen	EPA351.2 Rev 2.0-1993	0.3 mg/L	0.5 mg/L	\$ 17.00		6,800.00	
21A	100	Kjeldahl Nitrogen Alt. Method					\$	-	
21B	10	Kjeldahl Nitrogen (Solid)					\$	-	
21C	10	Kjeldahl Nitrogen Alt. Method (Solid)					\$	-	
22	50	Ammonia Nitrogen	SM4500-NH3 B, C-11	0.03 mg/L	5.0 mg/L	\$ 10.00	\$	500.00	
22A	10	Ammonia Nitrogen Alt. Method					\$	-	
22B	10	Ammonia Nitrogen (Solid)					\$	-	
22C	10	Ammonia Nitrogen Alt.					\$	-	
		Method (Solid)							
23	50	Organic Nitrogen	EPA351.2 Rev 2.0-1993 - EPA300.0 Rev2.1-1993	0.3 mg/L	0.5 mg/L	\$ 17.00	\$	850.00	
23A	10	Organic Nitrogen Alt.	EPA351.2 Rev 2.0-1993 minus SM4500-NO3 E-11	0.3 mg/L	0.5 mg/L	\$ 17.00	\$	170.00	
24	50	Nitrate-Nitrogen	SM4500-NO3 E-11 - HACH 8507	0.03 mg/L	0.05 mg/L	\$ 12.50	\$	625.00	
24A	10	Nitrate-Nitrogen Alt.	EPA300.0 Rev2.1-1993	0.04 mg/L	0.1 mg/L	\$ 12.50	\$	125.00	
25	50	Nitrite-Nitrogen	HACH 8507	0.006 mg/L	0.01 mg/L	\$ 12.50	\$	625.00	
25A	10	Nitrite-Nitrogen Alt. Method	EPA300.0 Rev2.1-1993	0.04 mg/L	0.1 mg/L	\$ 12.50	\$	125.00	
25B	10	Nitrite-Nitrogen (Solid)					\$	-	
25C	10	Nitrite-Nitrogen Alt. Method (Solid)					\$	-	
26	400	Nitrite-Nitrate	SM4500-NO3 E-11	0.03 mg/L	0.05 mg/L	\$ 12.50	\$	5,000.00	
26A	100	Nitrite-Nitrate Alt. Method	EPA300.0 Rev2.1-1993	0.04 mg/L	0.1 mg/L	\$ 12.50	\$	1,250.00	
26B	10	Nitrite-Nitrate (Solid)					\$	-	
26C	10	Nitrite-Nitrate Alt. Method (Solid)					\$	-	
27	400	Total Phosphorus	HACH 8190	0.006 mg/L	0.01 mg/L	\$ 8.50	\$	3,400.00	
27A	100	Total Phosphorus Alt.		j			\$	-	
27B	10	Total Phosphorus (Solid)					\$	-	
27C	10	Total Phosphorus Alt. Method (Solid)					\$	-	
28	50	Orthophosphate	EPA300.0 Rev2.1-1993	0.03 mg/L	0.05 mg/L	\$ 12.50	\$	625.00	
28A	10	Orthophosphate Alt. Method					\$	-	
29	50	Total Phosphate	HACH 8190	0.006 mg/L	0.01 mg/L	\$ 8.50	\$	425.00	
29A	10	Total Phosphate Alt. Method					\$	-	
29B	10	Total Phosphate (Solid)					\$	-	
29C	10	Total Phosphate Alt. Method (Solid)					\$	-	
30	25	BOD	SM5210 B-11	2.5 mg/L		\$ 17.00	\$	425.00	
30A	10	BOD Alt. Method		, .		1	\$	-	
31	25	BOD-carbonaceous					\$	-	
31A	10	BOD-carbonaceous Alt. Method					\$	-	
32	25	COD	HACH 8000	2.9 mg/L	8 mg/L	\$ 17.00	\$	425.00	

				Method	Practical				
Item #	Est. Quantity	Description	Mathad #	Detection Limit*	Quantitation	Linit Dring	Amount		
Item #	Est. Quantity	'	Method #	Detection Limit	Limit	Unit Price	Amount		

32A	10	COD Alt. Method					\$	-	
33	25	TOC					\$	-	
33A		TOC Alt. Method					\$		
34	25	MBAS					\$	-	
34A		MBAS Alt. Method					\$	-	
35	25	Phenolics	EPA420.1 Rev.1978 + HACH 8047	0.002 mg/L	0.005 mg/L	\$ 16.50	\$	412.50	
35A	10	Phenolics Alt. Method					\$	-	
35B	10	Phenolics (Solid)					\$	-	
36	25	Total Cyanide	SM4500-CN C, E-11	0.005 mg/L	0.005 mg/L	\$ 13.50	\$	337.50	
36A	10	Total Cyanide Alt. Method					\$	-	
36B	10	Total Cyanide (Solid)					\$	-	
37	200	Hexavalent Chromium	HACH 8023	0.001 mg/L	0.007 mg/L	\$ 20.00	\$	4,000.00	
37A	10	Hexavalent Chromium Alt. Method		-			\$	-	
37B	10	Hexavalent Chromium					\$		
38	25	Oil-Grease	EPA1664 A	0.7 mg/L	1.4 mg/L	\$ 24.75		618.75	
38A	10	Oil-Grease Alt. Method	217(10047)	0.7 mg/L	1.4 1119/2	Ψ 24.70	\$	- 010.70	
38B	10	Oil-Grease (Solid)					\$		
39	100	Chlorophyll A					\$		
	20	Chlorophyll A Alt. Method					\$	-	
39A	25 25	. ,						-	
40		Color (APHA)					\$	-	
40A	10	Color (APHA) Alt. Method					\$	-	
41	25	Color (ADMI)					\$	-	
41A	10	Color Alt. Method					\$		
42	25	Cyanide, Amenable					\$	-	
42A	10	Cyanide, Amenable Alt. Method					\$	=	
43	25	Cyanide, Free (ASTM)					\$	-	
43A	10	Cyanide, Free Alt. Method					\$	-	
44	25	Mineral Acidity	SM2310 B(4.d)	3 mg/L		\$ 8.50	\$	212.50	
44A	10	Mineral Acidity Alt. Method					\$	-	
45	25	Total Acidity	SM2310 B	3 mg/L		\$ 6.50	\$	162.50	
45A	10	Total Acidity Alt. Method					\$	-	
46	25	Tot Petroleum Hydro- carbons GRO/DRO (8015)					\$	-	
46A	10	Tot Petroleum Hydro-carbons					\$		
		GRO/DRO (8015) Alt. Method					·		
46B	10	Tot Petroleum Hydrocarbons GRO/DRO (8015) (Solid)					\$	-	
47	25	Fecal Streptococci					\$	-	
47A	10	Fecal Streptococci Alt. Method					\$	-	
47B	10	Fecal Streptococci (Solid)					\$		
48	25	Escherichia Coli (Numeric					\$		
		Result)					·		
48A	10	E. Coli (Numeric Result) Alt. Method					\$	-	
49	100	Enterococci					\$	-	
50	20	Iron Bacteria	_				\$	-	
51	20	Sulfate Reducing Bacteria					\$	-	
52	25	Bicarbonate (Standard Methods)	SM2320 B-11	3 mg/L		\$ 12.50	\$	312.50	
1	10	Bicarbonate Alt. Method					\$	_	

		T		Method	Practical		1	
Item #	Est. Quantity	Description	Method #	Detection Limit*	Quantitation	Unit Price		Amount
iteiii #	LSt. Quantity	Description	ivietiou #		Limit	Office fice		Amount
	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			1,1,1,1,1,1,1,1	SASASAS			
		Ferrous Iron (Standard					\$	-
53	25	Methods)						
53A	10	Ferrous Iron Alt. Method	EPA200.7 Rev 4.4-1994	0.01 mg/L	0.05 mg/L	\$ 8.50	\$	85.00
54	25	Dissolved Organic Carbon			,		\$	-
54A	10	Dissolved Organic Carbon					\$	-
		Alt. Method						
55	4000	Aluminum	EPA200.7 Rev 4.4-1994	0.01 mg/L	0.05 mg/L	\$ 8.50	\$	34,000.00
55A	100	Aluminum - Alt. method					\$	-
55B	10	Aluminum (Solid)					\$	-
56	20	Antimony	EPA200.9 Rev 2.2-1994	0.0006 mg/L	0.01 mg/L	\$ 14.00		280.00
56A	10	Antimony Alt. Method	EPA200.7 Rev 4.4-1994	0.01 mg/L	0.05 mg/L	\$ 6.50		65.00
56B	10	Antimony (Solid)					\$	-
57	20	Arsenic	EPA200.9 Rev 2.2-1994	0.0003 mg/L	0.005 mg/L	\$ 14.00		280.00
57A	10	Arsenic Alt. Method	EPA200.7 Rev 4.4-1994	0.002 mg/L	0.01 mg/L	\$ 6.50		65.00
57B	10	Arsenic (Solid)					\$	-
58	20	Barium	EPA200.7 Rev 4.4-1994	0.002 mg/L	0.01 mg/L	\$ 6.50	_	130.00
58A	10	Barium Alt. Method					\$	-
58B	10	Barium (Solid)					\$	-
59	20	Beryllium	EPA200.9 Rev 2.2-1994	0.00004 mg/L	0.0005 mg/L	\$ 14.00		280.00
59A	10	Beryllium Alt. Method	EPA200.7 Rev 4.4-1994	0.001 mg/L	0.01 mg/L	\$ 6.50		65.00
59B	10	Beryllium (Solid)					\$	-
60	20	Boron	EPA200.7 Rev 4.4-1994	0.004 mg/L	0.01 mg/L	\$ 6.50		130.00
60A	10	Boron Alt. Method					\$	-
60B	10	Boron (Solid)					\$	-
61	200	Cadmium	EPA200.9 Rev 2.2-1994	0.00006 mg/L	0.0005 mg/L	\$ 14.00	\$	2,800.00
61A	20	Cadmium Alt. Method	EPA200.7 Rev 4.4-1994	0.001 mg/L	0.01 mg/L	\$ 6.50		130.00
61B	10	Cadmium (Solid)					\$	-
62	500	Calcium	EPA200.7 Rev 4.4-1994	0.005 mg/L	0.5 mg/L	\$ 6.50		3,250.00
62A	20	Calcium Alt. Method					\$	-
62B	10	Calcium (Solid)					\$	-
63	20	Chromium	EPA200.7 Rev 4.4-1994	0.005 mg/L	0.01 mg/L	\$ 6.50		130.00
63A	10	Chromium Alt. Method	EPA200.9 Rev 2.2-1994	0.00009 mg/L	0.005 mg/L	\$ 14.00		140.00
63B	10	Chromium (Solid)					\$	-
64	20	Cobalt					\$	-
64A	10	Cobalt Alt. Method					\$	-
64B	10	Cobalt (Solid)					\$	-
65	200	Copper	EPA200.7 Rev 4.4-1994	0.003 mg/L	0.01 mg/L	\$ 6.50		1,300.00
65A	20	Copper Alt. Method	EPA200.9 Rev 2.2-1994	0.0002 mg/L	0.005 mg/L	\$ 14.00	_	280.00
65B	10	Copper (Solid)	EDA200 7 Dev. 4 4 4004	0.04 "	0.05 "	ф o.5	\$	0E E00 00
66 66 A	3000	Iron Iron Alt. Method	EPA200.7 Rev 4.4-1994	0.01 mg/L	0.05 mg/L	\$ 8.50		25,500.00
66A 66B	100 10	Iron Ait. Method Iron (Solid)		-			\$ \$	-
66B	200	Lead	EPA200.9 Rev 2.2-1994	0.0004 mg/L	0.005 mg/L	\$ 14.00	_	2,800.00
67A	10	Lead Alt. Method	EPA200.9 Rev 2.2-1994 EPA200.7 Rev 4.4-1994	0.0004 mg/L 0.01 mg/L	0.005 mg/L 0.05 mg/L	\$ 14.00		65.00
67B	10	Lead (Solid)	LI 11200.7 1137 4.4-1334	0.01 mg/L	0.00 mg/L	ψ 0.50	\$	-
68	500	Magnesium	EPA200.7 Rev 4.4-1994	0.01 mg/L	0.5 mg/L	\$ 6.50		3,250.00
68A	20	Magnesium Alt. Method	E. 7.200.7 1007 1007	0.01 mg/L	0.0 mg/L	ψ 0.50	<i>γ</i> \$	
68B	10	Magnesium (Solid)					\$	-
69	3000	Manganese	EPA200.7 Rev 4.4-1994	0.001 mg/L	0.05 mg/L	\$ 8.50	<u> </u>	25,500.00
		· ·	LI A200.7 NGV 4.4-1334	0.001 mg/L	0.03 mg/L	ψ 0.50		20,000.00
69A	100	Manganese Alt. Method		ļ			\$	
69B	10	Manganese (Solid)					\$	-
70	200	Mercury	EPA245.7 Rev 2.0-2005	0.0018 ug/L	0.005 ug/L	\$ 21.00	\$	4,200.00
70A	200	Mercury / Method 1631E					\$	-
70B	10	Mercury (Solid)		 			\$	-

		<u> </u>	<u> </u>	Method	Practical			
Itom #	Est Ougstitu	Description	Method #	Detection Limit*	Quantitation	Unit Price	ce Amount	
Item #	j	Est. Quantity Description	IVIEUTOG #	DOLOGION EININ	Limit	Unit Price		
71	20	Molybdenum	EPA200.7 Rev 4.4-1994	0.004 mg/L	0.01 mg/L	\$ 6.50		130.00
71A	10	Molybdenum Alt. Method	EPA200.7 Rev 4.4-1994	0.004 mg/L	0.01 mg/L	\$ 6.50	\$	130.00
71B	10	Molybdenum (Solid)					\$	
71B	200	Nickel	EPA200.7 Rev 4.4-1994	0.003 mg/L	0.01 mg/L	\$ 6.50	\$	1,300.00
72A	200	Nickel Alt. Method	EFA200.7 Rev 4.4-1994	0.003 mg/L	0.01 mg/L	\$ 6.50	φ \$	1,300.00
72A 72B	10	Nickel (Solid)					\$	
73	500	Potassium	EPA200.7 Rev 4.4-1994	0.006 mg/L	0.5 mg/L	\$ 6.50		3,250.00
73A	20	Potassium Alt. Method	EFA200.7 Rev 4.4-1994	0.006 Hig/L	0.5 mg/L	φ 6.50	φ \$	3,230.00
73B	10	Potassium (Solid)					\$	
73B	500	Selenium	EPA200.9 Rev 2.2-1994	0.0004 mg/L	0.005 mg/L	\$ 14.00	\$	7,000.00
74A	20	Selenium Alt. Method	EPA200.7 Rev 4.4-1994	0.0004 mg/L	0.005 mg/L	\$ 6.50		130.00
74A 74B	10	Selenium (Solid)	LFA200.7 Nev 4.4-1994	0.02 mg/L	0.03 mg/L	φ 0.50	φ \$	130.00
75 75	200	Silver	EPA200.9 Rev 2.2-1994	0.0002 mg/L	0.0005 mg/L	\$ 14.00	\$	2,800.00
75A	200	Silver Alt. Method	EPA200.7 Rev 4.4-1994	0.002 mg/L	0.0003 mg/L 0.05 mg/L	\$ 6.50	\$	130.00
75B	10	Silver	LFA200.7 Nev 4.4-1994	0.02 mg/L	0.03 mg/L	φ 0.50	φ \$	130.00
73B	500	Sodium	EPA200.7 Rev 4.4-1994	0.4 mg/L	0.5 mg/L	\$ 6.50		3,250.00
76A	20	Sodium Alt. Method	EPA200.7 Rev 4.4-1994	0.4 mg/L	0.5 mg/L	\$ 6.50	\$	3,250.00
								-
76B 77	10 200	Sodium (Solid) Strontium					\$ \$	-
77A	200	Strontium Alt. Method					\$	-
			EPA200.9 Rev 2.2-1994	0.0000/	0.005/			200.00
78	20	Thallium		0.0008 mg/L	0.005 mg/L	\$ 14.00	\$	280.00
75A	10	Thallium Alt. Method	EPA200.7 Rev 4.4-1994	0.01 mg/L	0.05 mg/L	\$ 6.50		65.00
75B	10	Thallium (Solid)					\$	-
79	20	Tin					\$	-
79A	10	Tin Alt. Method					\$	-
79B	10	Tin (Solid)	EDA000 7 D 4 4 400 4	0.004	0.04/	Φ 0.50	\$	400.00
80 80A	20 10	Vanadium Vanadium Alt. Method	EPA200.7 Rev 4.4-1994	0.001 mg/L	0.01 mg/L	\$ 6.50	\$	130.00
80B	10						\$ \$	-
81	200	Vanadium (Solid)	EPA200.7 Rev 4.4-1994	0.004 = a/l	0.01 ma/l	ф 6.FO		1 200 00
	200	Zinc Zinc Alt. Method	EPA200.7 Rev 4.4-1994	0.004 mg/L	0.01 mg/L	\$ 6.50	Ф	1,300.00
81A 81B	10	Zinc (Solid)						<u> </u>
82	200	Metals Prep Cost						\$
		Metals Prep Cost (Solid)						\$
82A	10	. , ,						
83	20	Gross Alpha						\$
83A	10	Gross Alpha (Solid)						\$
84	20	Gross Beta						\$
84A	10	Gross Beta (Solid)						\$
85	20	Ra-226						\$
85A	10	Ra-226 (Solid)						\$
86	20	Ra-228						\$
86A	10	Ra-228 (Solid)						\$
87	20	Total Uranium						\$
87A	10	Total Uranium (Solid)						\$
		` '						
88	20	Sr-89						\$
88A	10	Sr-89 (Solid)						\$
89	20	Sr-90						\$
89A	10	Sr-90 (Solid)						\$
90	20	Tritium (H3)						\$
90A	10	Tritium (H3) (Solid)						\$
91	20	Gamma (Cs-137)						\$
91A	10	Gamma (Cs-137) (Solid)						\$
92	20	Radon						\$
92A	10	Radon (Solid)						\$

	y Testing - vater Organism	s			
Item #	Est. Quantity	Description	Method #	Unit Price	Amount
		Acute:			
93	25	Ceriodaphnia		\$	\$
94	10	Daphnia Pulex / D. magna		\$	\$
95	25	Pimephales promelas		\$	\$
Chronic	c:				
96	25	Ceroidaphnia		\$	\$
97	25	Pimephales promelas (Survival & Growth)		\$	\$

8	24	Bridgeport Office, 101 Cambridge Place, Bridgeport, WV 26330	\$ 118.00	\$	2,832.00
9	24	Charleston Office, 601 57th Street S.E., Charleston, WV 25304	\$ 470.00	\$	11,280.00
00	. 24	Fairmont Office, 2031 Pleasant Valley Rd., Fairmont, WV 26554	\$ 148.00	\$	3,552.00
01	. 24	French Creek Office, P.O. Box 38, French Creek, WV 26218	\$ 178.00	\$	4,272.00
00	0.4	D 000 4404 0 14 4 5 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		·	45.040.00
02	24	Logan Office, 1101 George Kostas Dr., Logan, 25601	\$ 638.00	<u> </u>	15,312.00
03	24	Oak Hill Office, 116 Industrial Dr., Oak Hill, WV 25901	\$ 472.00	<u>.</u>	11,328.00
03	24	Oak filli Office, 116 fildustriai Dr., Oak filli, WV 23901	\$ 472.00	Ψ	11,320.00
04	24	Parkersburg Office, 2311 Ohio Ave., Parkersburg, WV 26010	\$ 341.00	\$	8,184.00
arajaraj	2 . 2 . 2 . 2			100	
05	24	Philippi Office, 105 South Railroad Street, Philippi, WV 26416	\$ 27.00	\$	648.00
6. (16. 6)	4 1 4 1 4 4			100	W 100 100
06	24	Romney Office, HC 63, Box 2545, Romney, WV 26757	\$ 331.00	\$	7,944.00
07	24	Teays Office, P.O. Box 662, Teays, WV 25596	\$ 529.00	\$	12,696.00
08	24	Welch Office, 311 Court St., Welch, 24801	\$ 692.00	\$	16,608.00
00	0.4	Wheeling Office 424A Perinaula Ct. Wheeling WW. 20002	\$ 484.00	·. \$	44.040.00
09	24	Wheeling Office, 131A Peninsula St., Wheeling, WV 26003	\$ 484.00	<u>.</u>	11,616.00
10	5000	Other locations as Cost Per Mile to pickup site	\$ 1.67	\$	8,350.00
8181818			Ψ 1.07	<u> </u>	0,000.00
11	10	24 Hour Turn-Around Rush Order fee, per sample	100%		
ere i servi	4 1 4 1 4 4	ત્રોને માર્ચ મ	Name of the second	18.	N 1 N 1 N 1 N 1 N 1
12	10	48 Hour Turn-Around Rush Order fee, per sample	75%		
6.6.6.6				300	4 4 4 4 4 4
13	10	72 Hour Turn-Around Rush Order fee, per sample	50%		
				1	
4.5					

Quantities listed on the bid schedule are for bid evaluation purposes only are are not a guarentee of quantities to be ordered over the life of the contract.

Actual quantities may be more of less than those stated on this schedule

Company:	Standard Laboratories, Inc.
Name:	Misty Crites
	$\mathcal{A} = \mathcal{A} = \mathcal{A}$
Signature:	Mit ett
Date: 9/30	<u> </u>

Bidder:

State of West Virginia

VENDOR PREFERENCE CERTIFICATE

Certification and application* is hereby made for Preference in accordance with *West Virginia Code*, §5A-3-37. (Does not apply to construction contracts). *West Virginia Code*, §5A-3-37, provides an opportunity for qualifying vendors to request (at the time of bid) preference for their residency status. Such preference is an evaluation method only and will be applied only to the cost bid in accordance with the *West Virginia Code*. This certificate for application is to be used to request such preference. The Purchasing Division will make the determination of the Vendor Preference, if applicable.

Division	n will make the determination of the Vendor Preference, if applicable.
1.	Application is made for 2.5% vendor preference for the reason checked: Bidder is an individual resident vendor and has resided continuously in West Virginia for four (4) years immediately preceding the date of this certification; or, Bidder is a partnership, association or corporation resident vendor and has maintained its headquarters or principal place of business continuously in West Virginia for four (4) years immediately preceding the date of this certification; or 80% of the ownership interest of Bidder is held by another individual, partnership, association or corporation resident vendor who has maintained its headquarters or principal place of business continuously in West Virginia for four (4) years immediately preceding the date of this certification; or, Bidder is a nonresident vendor which has an affiliate or subsidiary which employs a minimum of one hundred state residents and which has maintained its headquarters or principal place of business within West Virginia continuously for the four (4) years immediately preceding the date of this certification; or,
2.	Application is made for 2.5% vendor preference for the reason checked: Bidder is a resident vendor who certifies that, during the life of the contract, on average at least 75% of the employees working on the project being bid are residents of West Virginia who have resided in the state continuously for the two years immediately preceding submission of this bid; or,
3.	Application is made for 2.5% vendor preference for the reason checked: Bidder is a nonresident vendor employing a minimum of one hundred state residents or is a nonresident vendor with ar affiliate or subsidiary which maintains its headquarters or principal place of business within West Virginia employing a minimum of one hundred state residents who certifies that, during the life of the contract, on average at least 75% of the employees or Bidder's affiliate's or subsidiary's employees are residents of West Virginia who have resided in the state continuously for the two years immediately preceding submission of this bid; or,
4.	Application is made for 5% vendor preference for the reason checked: Bidder meets either the requirement of both subdivisions (1) and (2) or subdivision (1) and (3) as stated above; or,
5.	Application is made for 3.5% vendor preference who is a veteran for the reason checked: Bidder is an individual resident vendor who is a veteran of the United States armed forces, the reserves or the National Guard and has resided in West Virginia continuously for the four years immediately preceding the date on which the bid is submitted; or,
6.	Application is made for 3.5% vendor preference who is a veteran for the reason checked: Bidder is a resident vendor who is a veteran of the United States armed forces, the reserves or the National Guard, if, for purposes of producing or distributing the commodities or completing the project which is the subject of the vendor's bid and continuously over the entire term of the project, on average at least seventy-five percent of the vendor's employees are residents of West Virginia who have resided in the state continuously for the two immediately preceding years.
7.	Application is made for preference as a non-resident small, women- and minority-owned business, in accordance with West Virginia Code §5A-3-59 and West Virginia Code of State Rules. Bidder has been or expects to be approved prior to contract award by the Purchasing Division as a certified small, women and minority-owned business.
require against	understands if the Secretary of Revenue determines that a Bidder receiving preference has failed to continue to meet the ments for such preference, the Secretary may order the Director of Purchasing to: (a) reject the bid; or (b) assess a penalty such Bidder in an amount not to exceed 5% of the bid amount and that such penalty will be paid to the contracting agency acted from any unpaid balance on the contract or purchase order.
authoriz the requ	mission of this certificate, Bidder agrees to disclose any reasonably requested information to the Purchasing Division and zes the Department of Revenue to disclose to the Director of Purchasing appropriate information verifying that Bidder has paid uired business taxes, provided that such information does not contain the amounts of taxes paid nor any other information d by the Tax Commissioner to be confidential.
and ac	penalty of law for false swearing (West Virginia Code, §61-5-3), Bidder hereby certifies that this certificate is true curate in all respects; and that if a contract is issued to Bidder and if anything contained within this certificate es during the term of the contract, Bidder will notify the Purchasing Division in writing immediately.

Title:

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 Analysis of water and soil samples.
- **2. DEFINITIONS:** The terms listed below shall have the meanings assigned to them below. Additional definitions can be found in Attachment A and section 2 of the General Terms and Conditions.
 - **2.1 "Contract Item"** or "Contract Items" the list of items identified in Section 3.1 below and on the Pricing Pages
 - **2.2 "Pricing Pages"** means the schedule of prices, estimated order quantity, and totals contained in wvOASIS or attached hereto as Exhibit A, and 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 "WVDEP"** means the West Virginia Department of Environmental Protection.

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. Inorganic analysis of water and soil samples.
 - **3.1.1.1.** The laboratory must be certified by the Water Resources Quality Assurance Program. This includes any laboratories to which analyses are subcontracted. **Must submit proof of certification preferably with bid, but must be sent prior to award.**

- **3.1.1.2.** Must be accessible by telephone **24 hours per day, 7 days per** week.
- **3.1.1.3.** Must be capable of attending and providing expert testimony in legal proceedings upon request.
- **3.1.1.4** The vendor must follow the Quality Control and Analytical Procedures outlined in Attachment A.
- 3.1.1.5 The vendors, who are awarded a contract, when performing work under the terms and conditions of this contract, are solely responsible for the satisfactory completion of the work. The prime vendor shall be responsible for ensuring that any subcontractor has all the necessary permits, certifications (including WV State Laboratory certifications), experience and insurance to perform the work. All subcontractors must be approved by DEP before subcontractor initiates work. The primary contractor shall supply resumes and/or other documents to prove subcontractor's qualifications. All work performed by a subcontractor must be appropriately annotated on any submitted documentation (report or EDD). DEP will consider the prime vendor to be the sole point of contact with regard to authorized work under the contract: however, this provision does not prohibit the DEP from directly contacting subcontractors.
- 3.1.1.6 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 requisition 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
- **3.1.1.7** The vendor shall provide sample containers and field preservatives to the DEP at no charge, if requested by the DEP.
- **3.1.1.8** 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.

- **3.1.1.9** All unit pricing quoted must be based on <u>standard</u> (not to exceed two weeks) turn-around time.
- **3.1.1.10** Upon awarding the contract, the vendor shall provide one copy to 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 one week of the update(s) completion.
- **3.1.1.11** The vendor shall provide at no additional cost, any requested quality control/calibration information associated with a particular sample. Quality control/calibration information 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.
- **3.1.1.12** 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.
- **3.1.1.13** The laboratory will provide DEP approved blank water to the DEP, at no charge, upon request.

4. CONTRACT AWARD:

- **4.1 Contract Award:** The Contract is intended to provide Agency with a purchase price on all Contract Items. The Contract shall be awarded to the Vendor that provides the Contract Item meeting the required specifications for the lowest overall total cost as shown on the Pricing Pages.
- **4.2 Pricing Pages:** Vendor should complete the Pricing Pages by filling in the "Unit Price" box with the price per unit. The "Amount" box is filled in by multiplying the "Unit Price" with the "Quantity". Vendor should include method number (identifier), MDL, PQL, and cost for each parameter. If Vendor is certified for more than one method per parameter, they should include method number, MDL, PQL, and cost for any additional method per parameter in the "Alt. Method" space on te bid sheet. Bids must be submitted exactly as per attached bid sheet. Vendor should

complete the Pricing Page in their entirety as failure to do so may result in Vendor's bid being disqualified.

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

Vendor should electronically enter the information into the Pricing Pages through wvOASIS, if available, or as an electronic document. In most cases, the Vendor can request an electronic copy of the Pricing Pages for bid purposes by sending an email request to the following address:

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 has the ability to 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.
- **5.2 Payment:** Vendor shall accept payment in accordance with the payment procedures of the State of West Virginia.

6. DELIVERY AND RETURN:

- **6.1 Delivery Time:** Vendor shall deliver standard orders within 10 working days after orders are received. Vendor shall deliver emergency orders within 1working day(s) 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 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 that 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.
- **6.5 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.
 - **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:

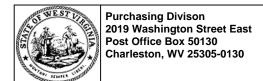
- **8.1 No Substitutions:** Vendor shall supply only Contract Items submitted in response to the Solicitation unless a contract modification is approved in accordance with the provisions contained in this Contract.
- **8.2 Vendor Supply:** Vendor must carry sufficient inventory of the Contract Items 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. 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: Misty Crites

Telephone Number: (304) 457-4749

Fax Number: (304) 457-1562

Email Address: mdcrites@standardlabs.com



State of West Virginia Request for Quotation

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Proc Folder: 132914

Doc Description: Inorganic Analysis of Water and Soil Open End

Proc Type: Central Master Agreement

Date Issued	Solicitation Closes	Solicitation	n No	Version
2015-08-19	2015-10-01 13:30:00	CRFQ	0313 DEP1600000011	1

BID RECEIVING LOCATION

BID CLERK

DEPARTMENT OF ADMINISTRATION

PURCHASING DIVISION 2019 WASHINGTON ST E

CHARLESTON WV 25305

US

VENDOR

Vendor Name, Address and Telephone Number:

Standard Laboratories, Inc. 1196 Whitman Run Rd Belington, WV 26250 (304) 457-4749

FOR INFORMATION CONTACT THE BUYER

Beth Collins (304) 558-2157 beth.a.collins@wv.gov

Signature X FEIN # 55-05 33635 DATE

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

Page: 1 FORM ID: WV-PRC-CRFQ-001

INVOICE TO		SHIP TO	
ENVIRONMENTAL PROTECTION OFFICE OF ADMINISTRATION		ENVIRONMENTAL PROTECTION 601 57TH ST	
601 57TH ST SE			
CHARLESTON	WV25304	CHARLESTON	WV 25304
US		US	

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Total Price
1	Analysis of Soil and Water Samples	1.00000	LS		\$600,805.75

Comm Code	Manufacturer	Specification	Model #	
81102600				

Extended Description:

Analysis of Soil and Water Samples as outlined on the attached bid sheet. Do not enter prices on commodity line.

	Document Phase	Document Description	Page 3
DEP1600000011	Final	Inorganic Analysis of Water an d Soil Open	of 3
		End	

ADDITIONAL TERMS AND CONDITIONS

See attached document(s) for additional Terms and Conditions

INORGANIC ANALYSIS OF WATER AND SOIL

Liquid Samples & Solids

				Method	Practical				
Item #	Est. Quantity	Description	Method #	Detection Limit*	Quantitation Limit	Un	it Price		Amount
3.53							34.534	100	
1	4000	рН	SM4500-H B-11	N/A		\$	4.25	\$	17,000.00
1A	10	pH (Solid)						\$	
2	4000	Hot Acidity	SM2310 B(4a)-11	3 mg/L		\$	6.50	\$	26,000.00
2A	1000	Hot Acidity Alt. Method						\$	
3	4000	Alkalinity	SM2320 B-11	3 mg/L		\$	6.50	\$	26,000.00
3A	1000	Alkalinity Alt. Method						\$	
4	500	Hardness	SM2340 B-11	0.007 mg/L	0.5 mg/L	\$	13.50	\$	6,750.00
4A	100	Hardness Alt. Method	SM2340 C-11	0.5 mg/L	1.0 mg/L	\$	13.50		1,350.00
			31V12340 C-11	0.5 mg/L	1.0 mg/L	Ψ	13.30		1,550.00
4B	10	Hardness (Solid)						\$	
5	1000	Specific Conductance	SM2510 B-11	1 UMHO/cm		\$	4.25	\$\$	4,250.00
5A	500	Specific Conductance Alt. Method						\$	
6	4000	Sulfate	ASTM D516-02	1.2 mg/L	2.0 mg/L	\$	12.50	\$	50,000.00
6A	1000	Sulfate Alt. Method	EPA300.0 Rev2.1-1993	0.01 mg/L	0.5 mg/L	\$	12.50	\$	12,500.00
6B 7	10 20	Sulfate (Solid) Sulfide						\$	
7 7A	10	Sulfide Alt. Method						\$	
8	20	Turbidity	SM2130 B-11			\$	10.00	\$	200.00
8A	10	Turbidity Alt. Method				Ť		\$	
9	25	Bromide	EPA300.0 Rev2.1-1993	0.02 mg/L	0.03 mg/L	\$	12.50	\$	312.50
9A	10	Bromide Alt. Method						\$	
9B	10	Bromide (Solid)						\$	
10	3000	Chloride	SM4500-CI B-11	0.6 mg/L	1 mg/L	\$	12.50	\$	37,500.00
10A 10B	100 10	Chloride Alt. Method Chloride (Solid)	EPA300.0 Rev2.1-1993	0.01 mg/L	0.2 mg/L	\$	12.50	\$ \$	1,250.00
11	25	Fluoride	EPA300.0 Rev2.1-1993	0.04 mg/l	0.5 mg/l	\$	12.50	- Ψ - \$	312.50
			EPA300.0 Rev2.1-1993	0.04 mg/L	0.5 mg/L	Ф	12.50		312.50
11A	10	Fluoride Alt. Method						\$	-
11B	10	Fluoride (Solid)						\$	-
12	4000	Fecal Coliform (MF)	SM9222 D-97	1 cnt/100mL		\$	25.25	\$	101,000.00
12A	1000	Fecal Coliform (MF) Alt. Method						\$	
13	100	Fecal Coliform (MPN)						\$	
13A	50	Fecal Coliform (MPN) Alt. Method						\$	
14	20	Total Coliform	SM9222 B-97	1 cnt/100mL		\$	25.25	\$	505.00
15	25	Total Solids	SM2540 B-11	10 mg/L		\$	7.00	\$	175.00
15A	10	Total Solids Alt. Method						\$	
15B	10	Total Solids (Solid)						\$,
16	3000	Dissolved Solids (TDS)	SM2540 C-11	10 mg/L		\$	7.00	\$	21,000.00
16A	1000	Dissolved Solids (TDS) Alt. Method		_				\$	
17	4000	Suspended Solids (TSS)	SM2540 D-11	3 mg/L		\$	7.00	\$	28,000.00

				Method	Practical	I		
Item #	Est. Quantity	Description	Method #	Detection Limit*	Quantitation	Unit Price	_	Amount
itoiii "	Lot. Quality	Becomplian	Wethod #		Limit	OTHER HOC	,	intodrit
18.18.								4, 4, 4, 4, 4
17A	1000	Suspended Solids (TSS) Alt. Method						\$
18	25	Settleable Solids	SM2540 F-11	0.3 ml/L	0.3 ml/L	\$ 6.50	\$	162.50
18A	10	Settleable Solids Alt.					\$	-
19	25	Volatile Solids					\$	-
19A	10	Volatile Solids Alt. Method					\$	-
19B	10	Volatile Solids (Solid)					\$	-
20	25	Percent Solids					\$	-
20A	10	Percent Solids Alt. Method					\$	
20B	10	Percent Solids (Solid)					\$	
21	400	Kjeldahl Nitrogen	EPA351.2 Rev 2.0-1993	0.3 mg/L	0.5 mg/L	\$ 17.00		6,800.00
21A	100	Kjeldahl Nitrogen Alt. Method					\$	-
21B	10	Kjeldahl Nitrogen (Solid)					\$	-
21C	10	Kjeldahl Nitrogen Alt. Method (Solid)					\$	_
22	50	Ammonia Nitrogen	SM4500-NH3 B, C-11	0.03 mg/L	5.0 mg/L	\$ 10.00	\$	500.00
22A	10	Ammonia Nitrogen Alt. Method					\$	-
22B	10	Ammonia Nitrogen (Solid)					\$	
22C	10	Ammonia Nitrogen Alt.					\$	-
		Method (Solid)						
23	50	Organic Nitrogen	EPA351.2 Rev 2.0-1993 - EPA300.0 Rev2.1-1993	0.3 mg/L	0.5 mg/L	\$ 17.00	\$	850.00
23A	10	Organic Nitrogen Alt.	EPA351.2 Rev 2.0-1993 minus SM4500-NO3 E-11	0.3 mg/L	0.5 mg/L	\$ 17.00	\$	170.00
24	50	Nitrate-Nitrogen	SM4500-NO3 E-11 - HACH 8507	0.03 mg/L	0.05 mg/L	\$ 12.50	\$	625.00
24A	10	Nitrate-Nitrogen Alt.	EPA300.0 Rev2.1-1993	0.04 mg/L	0.1 mg/L	\$ 12.50	\$	125.00
25	50	Nitrite-Nitrogen	HACH 8507	0.006 mg/L	0.01 mg/L	\$ 12.50	\$	625.00
25A	10	Nitrite-Nitrogen Alt. Method	EPA300.0 Rev2.1-1993	0.04 mg/L	0.1 mg/L	\$ 12.50	\$	125.00
25B	10	Nitrite-Nitrogen (Solid)					\$	-
25C	10	Nitrite-Nitrogen Alt. Method (Solid)					\$	-
26	400	Nitrite-Nitrate	SM4500-NO3 E-11	0.03 mg/L	0.05 mg/L	\$ 12.50	\$	5,000.00
26A	100	Nitrite-Nitrate Alt. Method	EPA300.0 Rev2.1-1993	0.04 mg/L	0.1 mg/L	\$ 12.50	\$	1,250.00
26B	10	Nitrite-Nitrate (Solid)					\$	
26C	10	Nitrite-Nitrate Alt. Method (Solid)					\$	-
27	400	Total Phosphorus	HACH 8190	0.006 mg/L	0.01 mg/L	\$ 8.50	\$	3,400.00
27A	100	Total Phosphorus Alt.		j			\$	-
27B	10	Total Phosphorus (Solid)					\$	-
27C	10	Total Phosphorus Alt. Method (Solid)					\$	-
28	50	Orthophosphate	EPA300.0 Rev2.1-1993	0.03 mg/L	0.05 mg/L	\$ 12.50	\$	625.00
28A	10	Orthophosphate Alt. Method					\$	-
29	50	Total Phosphate	HACH 8190	0.006 mg/L	0.01 mg/L	\$ 8.50	\$	425.00
29A	10	Total Phosphate Alt. Method					\$	-
29B	10	Total Phosphate (Solid)					\$	-
29C	10	Total Phosphate Alt. Method (Solid)					\$	_
30	25	BOD	SM5210 B-11	2.5 mg/L		\$ 17.00	\$	425.00
30A	10	BOD Alt. Method		, .		1	\$	-
31	25	BOD-carbonaceous					\$	-
31A	10	BOD-carbonaceous Alt. Method					\$	
32	25	COD	HACH 8000	2.9 mg/L	8 mg/L	\$ 17.00	\$	425.00

				Method	Practical	I	1	
lt #	Fat Overtite	December	Mathad #	Detection Limit*	Quantitation	Linit Dring		
Item #	Est. Quantity	Description	Method #	Detection Limit	Limit	Unit Price	A	mount
32A	10	COD Alt. Method					\$	-
33	25	TOC					\$	-
33A	10	TOC Alt. Method					\$	-
34	25	MBAS					\$	-
34A	10	MBAS Alt. Method					\$	-
35	25	Phenolics	EPA420.1 Rev.1978 + HACH 8047	0.002 mg/L	0.005 mg/L	\$ 16.50	\$	412.50
35A	10	Phenolics Alt. Method					\$	-
35B	10	Phenolics (Solid)					\$	-
36	25	Total Cyanide	SM4500-CN C, E-11	0.005 mg/L	0.005 mg/L	\$ 13.50	\$	337.50
36A	10	Total Cyanide Alt. Method					\$	=
36B	10	Total Cyanide (Solid)					\$	-
37	200	Hexavalent Chromium	HACH 8023	0.001 mg/L	0.007 mg/L	\$ 20.00	\$	4,000.00
37A	10	Hexavalent Chromium Alt. Method					\$	-
37B	10	Hexavalent Chromium					\$	
38	25	Oil-Grease	EPA1664 A	0.7 mg/L	1.4 mg/L	\$ 24.75		618.75
38A	10	Oil-Grease Alt. Method	217(10047)	o.r mg/L	1.4 1119/2	Ψ 24.70	\$	- 010.70
38B	10	Oil-Grease (Solid)					\$	
39	100	Chlorophyll A					\$	
	20	Chlorophyll A Alt. Method					\$	-
39A	25	. ,						-
40		Color (APHA)					\$	-
40A	10	Color (APHA) Alt. Method					\$	-
41	25	Color (ADMI)					\$	-
41A	10	Color Alt. Method					\$	-
42	25	Cyanide, Amenable					\$	-
42A	10	Cyanide, Amenable Alt. Method					\$	=
43	25	Cyanide, Free (ASTM)					\$	-
43A	10	Cyanide, Free Alt. Method					\$	-
44	25	Mineral Acidity	SM2310 B(4.d)	3 mg/L		\$ 8.50	\$	212.50
44A	10	Mineral Acidity Alt. Method					\$	-
45	25	Total Acidity	SM2310 B	3 mg/L		\$ 6.50	\$	162.50
45A	10	Total Acidity Alt. Method					\$	-
46	25	Tot Petroleum Hydro- carbons GRO/DRO (8015)					\$	-
46A	10	Tot Petroleum Hydro-carbons					\$	
		GRO/DRO (8015) Alt. Method					·	
46B	10	Tot Petroleum Hydrocarbons GRO/DRO (8015) (Solid)					\$	-
47	25	Fecal Streptococci					\$	-
47A	10	Fecal Streptococci Alt. Method					\$	-
47B	10	Fecal Streptococci (Solid)					\$	
48	25	Escherichia Coli (Numeric					\$	
		Result)					·	
48A	10	E. Coli (Numeric Result) Alt. Method					\$	-
49	100	Enterococci					\$	-
50	20	Iron Bacteria					\$	-
51	20	Sulfate Reducing Bacteria					\$	-
52	25	Bicarbonate (Standard Methods)	SM2320 B-11	3 mg/L		\$ 12.50	\$	312.50
52A	10	Bicarbonate Alt. Method					\$	-

		Г	Г	Method	Practical	I	1	
Item #	Est. Quantity	Description	Method #	Detection Limit*	Quantitation	Unit Price		Amount
iteiii #	LSt. Quantity	Description	ivietiou #		Limit	Office fice		Amount
	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		1,1,1,1,1,1,1,1	SASASAS		i di Norte	
		Ferrous Iron (Standard					\$	-
53	25	Methods)						
53A	10	Ferrous Iron Alt. Method	EPA200.7 Rev 4.4-1994	0.01 mg/L	0.05 mg/L	\$ 8.50	\$	85.00
54	25	Dissolved Organic Carbon					\$	-
54A	10	Dissolved Organic Carbon					\$	-
		Alt. Method						
55	4000	Aluminum	EPA200.7 Rev 4.4-1994	0.01 mg/L	0.05 mg/L	\$ 8.50		34,000.00
55A	100	Aluminum - Alt. method					\$	-
55B	10	Aluminum (Solid)					\$	-
56	20	Antimony	EPA200.9 Rev 2.2-1994	0.0006 mg/L	0.01 mg/L	\$ 14.00		280.00
56A	10	Antimony Alt. Method	EPA200.7 Rev 4.4-1994	0.01 mg/L	0.05 mg/L	\$ 6.50		65.00
56B	10	Antimony (Solid)					\$	-
57	20	Arsenic	EPA200.9 Rev 2.2-1994	0.0003 mg/L	0.005 mg/L	\$ 14.00		280.00
57A	10	Arsenic Alt. Method	EPA200.7 Rev 4.4-1994	0.002 mg/L	0.01 mg/L	\$ 6.50		65.00
57B	10	Arsenic (Solid)	FD4000 7 D 4 4 400 4	0.000 #	0.04 "	Φ 0.54	\$	-
58	20	Barium	EPA200.7 Rev 4.4-1994	0.002 mg/L	0.01 mg/L	\$ 6.50	_	130.00
58A	10	Barium Alt. Method					\$	-
58B 59	10 20	Barium (Solid)	EPA200.9 Rev 2.2-1994	0.00004 ma/l	0.0005	Ф 14 O	\$	280.00
		Beryllium		0.00004 mg/L	0.0005 mg/L	\$ 14.00		
59A	10	Beryllium Alt. Method	EPA200.7 Rev 4.4-1994	0.001 mg/L	0.01 mg/L	\$ 6.50		65.00
59B	10	Beryllium (Solid)	FD4000 7 D 4 4 400 4	0.004 #	0.04 "	Φ 0.54	\$	-
60	20	Boron	EPA200.7 Rev 4.4-1994	0.004 mg/L	0.01 mg/L	\$ 6.50		130.00
60A	10	Boron Alt. Method					\$	-
60B	10	Boron (Solid)	EDA200 0 Day 0 0 4004	0.00000//	0.0005/	ф 44.00	\$	2 000 00
61	200	Cadmium	EPA200.9 Rev 2.2-1994	0.00006 mg/L	0.0005 mg/L	\$ 14.00		2,800.00
61A	20	Cadmium Alt. Method	EPA200.7 Rev 4.4-1994	0.001 mg/L	0.01 mg/L	\$ 6.50		130.00
61B	10	Cadmium (Solid)		2 2 2 2 7 7			\$	-
62	500	Calcium	EPA200.7 Rev 4.4-1994	0.005 mg/L	0.5 mg/L	\$ 6.50		3,250.00
62A	20	Calcium Alt. Method					\$	-
62B 63	10 20	Calcium (Solid) Chromium	EDA200 7 Dov. 4.4.4004	0.005 = ~/	0.01 ma/l	\$ 6.50	\$	130.00
63A	10	Chromium Alt. Method	EPA200.7 Rev 4.4-1994 EPA200.9 Rev 2.2-1994	0.005 mg/L 0.00009 mg/L	0.01 mg/L 0.005 mg/L	\$ 6.50 \$ 14.00		140.00
			LFA200.9 Nev 2.2-1994	0.00009 mg/L	0.003 Hig/L	φ 14.00		140.00
63B	10	Chromium (Solid) Cobalt					\$	-
64 64A	20 10	Cobalt Alt. Method					\$ \$	-
64B	10	Cobalt (Solid)					\$	-
65	200	Copper	EPA200.7 Rev 4.4-1994	0.003 mg/L	0.01 mg/L	\$ 6.50		1,300.00
65A	200	Copper Alt. Method	EPA200.7 Rev 4.4-1994 EPA200.9 Rev 2.2-1994	0.003 mg/L	0.005 mg/L	\$ 14.00		280.00
65B	10	Copper (Solid)		5.0002 mg/L	5.000 mg/L	Ψ 17.00	<i>γ</i> \$	
66	3000	Iron	EPA200.7 Rev 4.4-1994	0.01 mg/L	0.05 mg/L	\$ 8.50	,	25,500.00
66A	100	Iron Alt. Method		5.01 mg/L	5.55 mg/L	* 0.00	\$	
66B	10	Iron (Solid)		1			\$	-
67	200	Lead	EPA200.9 Rev 2.2-1994	0.0004 mg/L	0.005 mg/L	\$ 14.00	_	2,800.00
67A	10	Lead Alt. Method	EPA200.7 Rev 4.4-1994	0.01 mg/L	0.05 mg/L	\$ 6.50		65.00
67B	10	Lead (Solid)					\$	-
68	500	Magnesium	EPA200.7 Rev 4.4-1994	0.01 mg/L	0.5 mg/L	\$ 6.50	\$	3,250.00
68A	20	Magnesium Alt. Method					\$	-
68B	10	Magnesium (Solid)					\$	-
69	3000	Manganese	EPA200.7 Rev 4.4-1994	0.001 mg/L	0.05 mg/L	\$ 8.50	\$	25,500.00
69A	100	Manganese Alt. Method		<u> </u>			\$	-
69B	10	Manganese (Solid)		1			\$	_
		, ,	EDA245 7 Pov 2.0 2005	0.0019~//	0.005~/!	¢ 04.00		4 200 00
70	200	Mercury	EPA245.7 Rev 2.0-2005	0.0018 ug/L	0.005 ug/L	\$ 21.00		4,200.00
70A	200	Mercury / Method 1631E					\$	-
70B	10	Mercury (Solid)					\$	-

		<u> </u>	<u> </u>	Method	Practical			
Itom #	Est Ougstitu	Description	Method #	Detection Limit*	Quantitation	Unit Price	Λ.	mount
Item #	Est. Quantity	Description	IVIEUTOG #	Dottodion Linit	Limit	Unit Price	A	mount
71	20	Molybdenum	EPA200.7 Rev 4.4-1994	0.004 mg/L	0.01 mg/L	\$ 6.50		130.00
71A	10	Molybdenum Alt. Method	EPA200.7 Rev 4.4-1994	0.004 mg/L	0.01 mg/L	\$ 6.50	\$	130.00
71B	10	Molybdenum (Solid)					\$	
71B	200	Nickel	EPA200.7 Rev 4.4-1994	0.003 mg/L	0.01 mg/L	\$ 6.50	\$	1,300.00
72A	200	Nickel Alt. Method	EFA200.7 Rev 4.4-1994	0.003 Hig/L	0.01 mg/L	φ 6.50	φ \$	1,300.00
72A 72B	10	Nickel (Solid)					\$	
73	500	Potassium	EPA200.7 Rev 4.4-1994	0.006 mg/L	0.5 mg/L	\$ 6.50		3,250.00
73A	20	Potassium Alt. Method	EFA200.7 Rev 4.4-1994	0.006 mg/L	0.5 mg/L	φ 0.30	φ \$	3,230.00
73B	10	Potassium (Solid)					\$	
73B	500	Selenium	EPA200.9 Rev 2.2-1994	0.0004 mg/L	0.005 mg/L	\$ 14.00	\$	7,000.00
74A	20	Selenium Alt. Method	EPA200.7 Rev 4.4-1994	0.0004 mg/L	0.005 mg/L 0.05 mg/L	\$ 6.50	_	130.00
74A 74B	10	Selenium (Solid)	LFA200.7 Nev 4.4-1994	0.02 mg/L	0.03 mg/L	φ 0.50	φ \$	130.00
74B	200	Silver	EPA200.9 Rev 2.2-1994	0.0002 mg/L	0.0005 mg/L	\$ 14.00	\$	2,800.00
75A	200	Silver Alt. Method	EPA200.9 Rev 2.2-1994 EPA200.7 Rev 4.4-1994	0.0002 Hig/L 0.02 mg/L	0.0005 mg/L 0.05 mg/L	\$ 6.50	\$	130.00
75B	10	Silver	LFA200.7 Nev 4.4-1994	0.02 mg/L	0.03 mg/L	φ 0.50	\$	130.00
75B 76	500	Sodium	EPA200.7 Rev 4.4-1994	0.4 mg/L	0.5 mg/L	\$ 6.50		3,250.00
76A	20	Sodium Sodium Alt. Method	LFAZUU./ NEV 4.4-1994	0.4 mg/L	0.5 mg/L	φ 6.50	\$	ა,∠ⴢ∪.∪0
								-
76B 77	10 200	Sodium (Solid) Strontium					\$ \$	-
77A	200	Strontium Alt. Method					\$	-
			EPA200.9 Rev 2.2-1994	0.0000/	0.005/			200.00
78	20	Thallium		0.0008 mg/L	0.005 mg/L	\$ 14.00	\$	280.00
75A	10	Thallium Alt. Method	EPA200.7 Rev 4.4-1994	0.01 mg/L	0.05 mg/L	\$ 6.50		65.00
75B	10	Thallium (Solid)					\$	-
79	20	Tin					\$	-
79A	10	Tin Alt. Method					\$	-
79B	10	Tin (Solid)	FD4000 7 D 4 4 400 4	0.004 "	0.04 "	A 0.50	\$	400.00
80	20	Vanadium	EPA200.7 Rev 4.4-1994	0.001 mg/L	0.01 mg/L	\$ 6.50	\$	130.00
80A	10	Vanadium Alt. Method					\$	-
80B	10	Vanadium (Solid)	EDA200 7 Day 4 4 4004	0.004/	0.04/	Ф 0.50	\$	4 200 00
81	200	Zinc Zinc Alt. Method	EPA200.7 Rev 4.4-1994	0.004 mg/L	0.01 mg/L	\$ 6.50	\$	1,300.00
81A 81B	20 10							\$
82		Zinc (Solid) Metals Prep Cost						\$
	200	•						
82A	10	Metals Prep Cost (Solid)						\$
83	20	Gross Alpha						\$
83A	10	Gross Alpha (Solid)						\$
84	20	Gross Beta						\$
84A	10	Gross Beta (Solid)						\$
85	20	Ra-226		1				\$
85A	10	Ra-226 (Solid)						\$
86	20	Ra-228						\$
86A	10	Ra-228 (Solid)						
87	20	Total Uranium						\$
		Total Uranium (Solid)						\$
87A	10	` '						
88	20	Sr-89						\$
88A	10	Sr-89 (Solid)						\$
89	20	Sr-90						\$
89A	10	Sr-90 (Solid)						\$
90	20	Tritium (H3)						\$
90A	10	Tritium (H3) (Solid)						\$
91	20	Gamma (Cs-137)						\$
91A	10	Gamma (Cs-137) (Solid)						\$
92	20	Radon						\$
92A	10	Radon (Solid)						\$

	y Testing - vater Organism	S			
Item #	Est. Quantity	Description	Method #	Unit Price	Amount
		Acute:			
93	25	Ceriodaphnia		\$	\$
94	10	Daphnia Pulex / D. magna		\$	\$
95	25	Pimephales promelas		\$	\$
Chronic	c:				
96	25	Ceroidaphnia		\$	\$
97	25	Pimephales promelas (Survival & Growth)		\$	\$

0 \$ 2,8	2,832.0
0 \$ 11,2	11,280.0
0 \$ 3,5	3,552.0
0 \$ 4,2	4,272.0
0 6 450	45.040.0
0 \$ 15,3	15,312.0
0 \$ 11,3	11,328.0
υ φ 11,3	11,320.0
0 \$ 8,1	8,184.0
	is is i
0 \$ 6	648.0
0 \$ 7,9	7,944.0
0 \$ 12,6	12,696.0
0 \$ 16,6	16,608.0
0 6 44.0	44.040.0
0 \$ 11,6	11,616.0
7 \$ 8,3	8,350.0
γ ψ 0,0	0,000.0
%	
2,2,2,2,2,3	
%	
%	
0.0.0.0.0.0	
T # 600.0	600,805.7
_	\$

Quantities listed on the bid schedule are for bid evaluation purposes only are are not a guarentee of quantities to be ordered over the life of the contract.

Actual quantities may be more of less than those stated on this schedule

Company:	Standard Laboratories, Inc.	
Name:	Misty Crites	
Signature:	: Mud Ett	
Date:	9/30/15	



west virginia department of environmental protection

Division of Water and Waste Management 601 57th Street SE

Charleston, WV 25304-2345 Phone: (304) 926-0495 Fax: (304) 926-0497 Earl Ray Tomblin, Governor Randy C. Huffman, Cabinet Secretary www.dep.wv.gov

June 29, 2015

James Lynch Quality Control Officer Standard Laboratories, Inc., N.E.S.T. Division Route 2 Box 88C Whitman Run Rd Belington, WV 26250

Dear Mr. Lynch:

The Corrective Action Plan addressing the deficiencies noted during the audit of your facility conducted on March 25, 2015 was received on June 29, 2015, and found to be satisfactory. Please find enclosed a new ATTACHMENT I recertifying your facility through June 30, 2016.

If you have any questions, and if I can be of further assistance please call me at (304) 926-0499 ext. 1601 or e-mail me at <u>Tommy.W.Smith@wv.gov</u>.

Sincerely,

Tommy W. Smith II

Quality Assurance Officer

ts

Enclosure:

Attachment I

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

List of Certified Parameters for

STANDARD LABORATORIES, INC., N.E.S.T. DIVISION

BELINGTON, WEST VIRGINIA

PARAMETERS CERTIFIED

NONPOTABLE WATER INORGANIC NONMETALS

ANALYTE	<u>METHOD</u>	TECHNOLOGY
Acidity	SM2310 B-11	Titrimetric
Acidity, Hot	SM2310 B(4a)-11	Titrimetric
Alkalinity	SM2320 B-11	Titrimetric
Ammonia	SM4500-NH3 B-11	Distillation
Ammonia	SM4500-NH3 C-11	Titrimetric
Bromide	EPA300.0 Rev 2.1-1993	IC
Chloride	EPA300.0 Rev 2.1-1993	IC
Chloride	SM4500-Cl B-11	Titrimetric
Chlorine, Residual	HACH 8167	Spectrophotometric
Chromium, Hexavalent	HACH 8023	Spectrophotometric
Conductance, Specific	SM2510 B-11	Probe
Cyanide, Total	SM4500-CN C-11	Distillation
Cyanide, Total	SM4500-CN E-11	Spectrophotometric
Fluoride	EPA300.0 Rev 2.1-1993	IC
Hardness, Calcium	SM3500-Ca B-11	Titration
Hardness, Total	SM2340 B-11	Calculation
Hardness, Total	SM2340 C-11	Titrimetric
Nitrate	EPA300.0 Rev 2.1-1993	IC
Nitrate	SM4500-NO3 E-11 minus HACH 8507	Calculation
Nitrate-Nitrite	EPA300.0 Rev 2.1-1993	Calculation
Nitrate-Nitrite	SM4500-NO3 E-11	Spectrophotometric
Nitrite	EPA300.0 Rev 2.1-1993	IC
Nitrite	HACH 8507	Spectrophotometric
Nitrogen, Total Kjeldahl (TKN)	EPA351.2 Rev 2.0-1993	Colorimetric
Oil & Grease	EPA1664 A	Gravimetric
Oxygen Demand, Biochemical (BOD)	SM5210 B-11	Probe
Oxygen Demand, Chemical (COD)	HACH 8000	Spectrophotometric
Oxygen, Dissolved	HACH 10360	LDO Probe
pH (Hydrogen Ion)	SM4500-H B-11	Electrode

<u>ANALYTE</u> <u>METHOD</u> <u>TECHNOLOGY</u>

Phenolics, Total EPA420.1 Rev 1978 Distillation
Phenolics, Total HACH 8047 Spectrophotometric
Phosphorus, Ortho EPA300.0 Rev 2.1-1993 IC

Phosphorus, Total HACH 8190 Spectrophotometric Solids, Dissolved SM2540 C-11 Gravimetric Solids, Settleable SM2540 F-11 Imhoff Solids, Suspended SM2540 D-11 Gravimetric Solids, Total SM2540 B-11 Gravimetric Sulfate ASTM D516-02 Turbidimetric

Sulfate EPA300.0 Rev 2.1-1993 IC

Temperature SM2550 B-00 Thermometric Turbidity SM2130 B-11 Turbidimetric

NONPOTABLE WATER TRACE METALS

Aluminum EPA200.7 Rev 4.4-1994 ICP Antimony EPA200.7 Rev 4.4-1994 ICP Antimony EPA200.9 Rev 2.2-1994 STGFAA Antimony SM3113 B-11 GFAA Arsenic EPA200.7 Rev 4.4-1994 ICP Arsenic SM3113 B(4.a.3)-11 Digestion Arsenic SM3113 B(4.a.3)-11 GFAA Barium EPA200.7 Rev 4.4-1994 ICP Beryllium EPA200.7 Rev 4.4-1994 ICP Beryllium EPA200.9 Rev 2.2-1994 STGFAA Beryllium SM3113 B-11 GFAA Boron EPA200.7 Rev 4.4-1994 ICP Cadmium EPA200.7 Rev 4.4-1994 ICP Cadmium EPA200.9 Rev 2.2-1994 STGFAA Cadmium EPA200.7 Rev 4.4-1994 ICP Cadmium EPA200.7 Rev 4.4-1994 ICP Cadmium EPA200.7 Rev 4.4-1994 ICP Cadmium EPA200.7 Rev 4.4-1994 ICP	METAL	METHOD	TECHNOLOGY
Antimony EPA200.9 Rev 2.2-1994 STGFAA Antimony SM3113 B-11 GFAA Arsenic EPA200.7 Rev 4.4-1994 ICP Arsenic EPA200.9 Rev 2.2-1994 STGFAA Arsenic SM3113 B(4.a.3)-11 Digestion Arsenic SM3113 B-11 GFAA Barium EPA200.7 Rev 4.4-1994 ICP Beryllium EPA200.7 Rev 4.4-1994 ICP Beryllium SM3113 B-11 GFAA Boron EPA200.7 Rev 4.4-1994 ICP Cadmium EPA200.7 Rev 4.4-1994 ICP Cadmium EPA200.9 Rev 2.2-1994 STGFAA Cadmium EPA200.9 Rev 2.2-1994 STGFAA Cadmium SM3113 B-11 GFAA	Aluminum	EPA200.7 Rev 4.4-1994	ICP
Antimony SM3113 B-11 GFAA Arsenic EPA200.7 Rev 4.4-1994 ICP Arsenic EPA200.9 Rev 2.2-1994 STGFAA Arsenic SM3113 B(4.a.3)-11 Digestion Arsenic SM3113 B-11 GFAA Barium EPA200.7 Rev 4.4-1994 ICP Beryllium EPA200.7 Rev 4.4-1994 ICP Beryllium SM3113 B-11 GFAA Boron EPA200.7 Rev 4.4-1994 ICP Cadmium EPA200.7 Rev 4.4-1994 ICP Cadmium EPA200.9 Rev 2.2-1994 STGFAA Cadmium EPA200.9 Rev 2.2-1994 STGFAA Cadmium SM3113 B-11 GFAA	Antimony	EPA200.7 Rev 4.4-1994	ICP
Arsenic EPA200.7 Rev 4.4-1994 ICP Arsenic EPA200.9 Rev 2.2-1994 STGFAA Arsenic SM3113 B(4.a.3)-11 Digestion Arsenic SM3113 B-11 GFAA Barium EPA200.7 Rev 4.4-1994 ICP Beryllium EPA200.7 Rev 4.4-1994 ICP Beryllium SM3113 B-11 GFAA Boron EPA200.7 Rev 4.4-1994 ICP Cadmium EPA200.7 Rev 4.4-1994 ICP Cadmium EPA200.9 Rev 2.2-1994 STGFAA Cadmium EPA200.9 Rev 2.2-1994 STGFAA Cadmium SM3113 B-11 GFAA	Antimony	EPA200.9 Rev 2.2-1994	STGFAA
Arsenic EPA200.9 Rev 2.2-1994 STGFAA Arsenic SM3113 B(4.a.3)-11 Digestion Arsenic SM3113 B-11 GFAA Barium EPA200.7 Rev 4.4-1994 ICP Beryllium EPA200.7 Rev 4.4-1994 ICP Beryllium EPA200.9 Rev 2.2-1994 STGFAA Beryllium SM3113 B-11 GFAA Boron EPA200.7 Rev 4.4-1994 ICP Cadmium EPA200.7 Rev 4.4-1994 ICP Cadmium EPA200.9 Rev 2.2-1994 STGFAA Cadmium SM3113 B-11 GFAA	Antimony	SM3113 B-11	GFAA
Arsenic SM3113 B(4.a.3)-11 Digestion Arsenic SM3113 B-11 GFAA Barium EPA200.7 Rev 4.4-1994 ICP Beryllium EPA200.7 Rev 4.4-1994 ICP Beryllium EPA200.9 Rev 2.2-1994 STGFAA Beryllium SM3113 B-11 GFAA Boron EPA200.7 Rev 4.4-1994 ICP Cadmium EPA200.7 Rev 4.4-1994 ICP Cadmium EPA200.9 Rev 2.2-1994 STGFAA Cadmium SM3113 B-11 GFAA	Arsenic	EPA200.7 Rev 4.4-1994	ICP
Arsenic SM3113 B-11 GFAA Barium EPA200.7 Rev 4.4-1994 ICP Beryllium EPA200.9 Rev 2.2-1994 STGFAA Beryllium SM3113 B-11 GFAA Boron EPA200.7 Rev 4.4-1994 ICP Cadmium EPA200.9 Rev 2.2-1994 STGFAA Cadmium SM3113 B-11 GFAA	Arsenic	EPA200.9 Rev 2.2-1994	STGFAA
Barium EPA200.7 Rev 4.4-1994 ICP Beryllium EPA200.7 Rev 4.4-1994 ICP Beryllium EPA200.9 Rev 2.2-1994 STGFAA Beryllium SM3113 B-11 GFAA Boron EPA200.7 Rev 4.4-1994 ICP Cadmium EPA200.7 Rev 4.4-1994 ICP Cadmium EPA200.9 Rev 2.2-1994 STGFAA Cadmium SM3113 B-11 GFAA	Arsenic	SM3113 B(4.a.3)-11	Digestion
Beryllium EPA200.7 Rev 4.4-1994 ICP Beryllium EPA200.9 Rev 2.2-1994 STGFAA Beryllium SM3113 B-11 GFAA Boron EPA200.7 Rev 4.4-1994 ICP Cadmium EPA200.7 Rev 4.4-1994 ICP Cadmium EPA200.9 Rev 2.2-1994 STGFAA Cadmium SM3113 B-11 GFAA	Arsenic	SM3113 B-11	GFAA
Beryllium EPA200.9 Rev 2.2-1994 STGFAA Beryllium SM3113 B-11 GFAA Boron EPA200.7 Rev 4.4-1994 ICP Cadmium EPA200.7 Rev 4.4-1994 ICP Cadmium EPA200.9 Rev 2.2-1994 STGFAA Cadmium SM3113 B-11 GFAA	Barium	EPA200.7 Rev 4.4-1994	ICP
Beryllium SM3113 B-11 GFAA Boron EPA200.7 Rev 4.4-1994 ICP Cadmium EPA200.7 Rev 4.4-1994 ICP Cadmium EPA200.9 Rev 2.2-1994 STGFAA Cadmium SM3113 B-11 GFAA	Beryllium	EPA200.7 Rev 4.4-1994	ICP
Boron EPA200.7 Rev 4.4-1994 ICP Cadmium EPA200.7 Rev 4.4-1994 ICP Cadmium EPA200.9 Rev 2.2-1994 STGFAA Cadmium SM3113 B-11 GFAA	Beryllium	EPA200.9 Rev 2.2-1994	STGFAA
Cadmium EPA200.7 Rev 4.4-1994 ICP Cadmium EPA200.9 Rev 2.2-1994 STGFAA Cadmium SM3113 B-11 GFAA		SM3113 B-11	GFAA
Cadmium EPA200.9 Rev 2.2-1994 STGFAA Cadmium SM3113 B-11 GFAA	Boron	EPA200.7 Rev 4.4-1994	ICP
Cadmium SM3113 B-11 GFAA		EPA200.7 Rev 4.4-1994	ICP
	Cadmium	EPA200.9 Rev 2.2-1994	STGFAA
Calcium EPA200.7 Rev 4.4-1994 ICP	Cadmium	SM3113 B-11	GFAA
	Calcium	EPA200.7 Rev 4.4-1994	ICP
Chromium EPA200.7 Rev 4.4-1994 ICP	Chromium	EPA200.7 Rev 4.4-1994	ICP
Chromium EPA200.9 Rev 2.2-1994 STGFAA	Chromium	EPA200.9 Rev 2.2-1994	STGFAA
Chromium SM3113 B-11 GFAA	Chromium	SM3113 B-11	GFAA
Cobalt EPA200.7 Rev 4.4-1994 ICP	Cobalt	EPA200.7 Rev 4.4-1994	ICP
Copper EPA200.7 Rev 4.4-1994 ICP	Copper	EPA200.7 Rev 4.4-1994	ICP
Copper EPA200.9 Rev 2.2-1994 STGFAA	Copper	EPA200.9 Rev 2.2-1994	STGFAA
Copper SM3113 B-11 GFAA	Copper	SM3113 B-11	GFAA
Iron EPA200.7 Rev 4.4-1994 ICP	Iron	EPA200.7 Rev 4.4-1994	ICP
Lead EPA200.7 Rev 4.4-1994 ICP	Lead	EPA200.7 Rev 4.4-1994	ICP
Lead EPA200.9 Rev 2.2-1994 STGFAA	Lead	EPA200.9 Rev 2.2-1994	STGFAA
Lead SM3113 B-11 GFAA	Lead	SM3113 B-11	GFAA
Magnesium EPA200.7 Rev 4.4-1994 ICP	Magnesium	EPA200.7 Rev 4.4-1994	ICP
Manganese EPA200.7 Rev 4.4-1994 ICP		EPA200.7 Rev 4.4-1994	ICP
Mercury EPA245.7 Rev 2.0-2005 CVAF	•	EPA245.7 Rev 2.0-2005	CVAF
Metals SM3030 D-11 Digestion			Digestion
Metals SM3030 E-11 Digestion	Metals	SM3030 E-11	Digestion

<u>METAL</u>	<u>METHOD</u>	TECHNOLOGY
Metals, Total	EPA200.7 Rev 4.4-1994	Digestion
Molybdenum	EPA200.7 Rev 4.4-1994	ICP
Nickel	EPA200.7 Rev 4.4-1994	ICP
Potassium	EPA200.7 Rev 4.4-1994	ICP
Selenium	EPA200.7 Rev 4.4-1994	ICP
Selenium	EPA200.9 Rev 2.2-1994	STGFAA
Selenium	SM3113 B(4.a.3)-11	Digestion
Selenium	SM3113 B-11	GFAA
Silver	EPA200.7 Rev 4.4-1994	ICP
Silver	EPA200.9 Rev 2.2-1994	STGFAA
Silver	SM3113 B-11	GFAA
Sodium	EPA200.7 Rev 4.4-1994	ICP
Thallium	EPA200.7 Rev 4.4-1994	ICP
Thallium	EPA200.9 Rev 2.2-1994	STGFAA
Thallium	SM3113 B-11	GFAA
Vanadium	EPA200.7 Rev 4.4-1994	ICP
Zinc	EPA200.7 Rev 4.4-1994	ICP

NONPOTABLE WATER MICROBIOLOGY

___ Issued on June 29, 2015

GROUP	<u>METHOD</u>	TECHNOLOGY
Coliform, Fecal (MF)	SM9222 D-97	Membrane Filter
Coliform, Total (MF)	SM9222 B-97	Membrane Filter

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 June 30, 2016.

Certificate No 168

Tommy W. Smith II

Quality Assurance Officer