



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

Request for Quotation

RFQ NUMBER:
DEP15729

PAGE:
1

ADDRESS CORRESPONDENCE TO ATTENTION OF:
**GUY NISBET
 304-558-8802**

VENDOR

*331142322 304-255-4821
**ANALABS INC
 PO BOX 1235
 CRAB ORCHARD WV 25827**

SHIP TO

**ENVIRONMENTAL PROTECTION,
 DEPARTMENT OF
 DIV OF WATER AND WASTE MGT
 601 57TH STREET SE
 CHARLESTON, WV
 25304 304-926-0499**

DATE PRINTED	TERMS OF SALE	SHIP VIA	F.O.B.	FREIGHT TERMS
01/05/2012				

BID OPENING DATE: **01/31/2012** BID OPENING TIME **01:30PM**

LINE	QUANTITY	UOP	CAT NO	ITEM NUMBER	UNIT PRICE	AMOUNT
0001	1	LS		961-48		
<p>GENERAL ANALYSIS OF WATER AND SOIL FIELD TESTING</p> <p>THE WEST VIRGINIA PURCHASING DIVISION , FOR THE AGENCY THE WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION, IS SOLICITING QUOTATIONS FROM QUALIFIED VENDORS TO PROVIDE THE AGENCY WITH GENERAL ANALYSIS OF WATER AND SOIL PER THE FOLLOWING SPECIFICATIONS, SCOPE OF WORK, TERMS & CONDITIONS, BID REQUIREMENTS, AND THE ATTACHED BID SCHEDULE.</p> <p>INQUIRES:</p> <p>WRITTEN QUESTIONS SHALL BE ACCEPTED THROUGH THE CLOSE OF BUSINESS ON TUESDAY, 01/17/2012. QUESTIONS MAY BE SENT VIA: USPS, FAX, COURIER OR EMAIL. IN ORDER TO ASSURE NO VENDOR RECEIVES AN UNFAIR ADVANTAGE, NO SUBSTANTIVE QUESTIONS WILL BE ANSWERED ORALLY. IF POSSIBLE, EMAIL QUESTIONS ARE PREFERRED. ANY TECHNICAL QUESTIONS RECEIVED WILL BE ANSWERED BY FORMAL WRITTEN ADDENDUM TO BE ISSUED BY THE PURCHASING DIVISION AFTER Q&A DEADLINE HAS LAPSED.</p> <p>ADDRESS INQUIRES TO:</p> <p>GUY NISBET DEPARTMENT OF ADMINISTRATION PURCHASING DIVISION 2019 WASHINGTON STREET, EAST CHARLESTON, WV. 25305 FAX: 304.558.4115 EMAIL: GUY.L.NISBET@WV.GOV</p>						

RECEIVED
 2012 JAN 31 A 8:02
 PURCHASING DIVISION
 STATE OF WV

SEE REVERSE SIDE FOR TERMS AND CONDITIONS			
SIGNATURE	TELEPHONE	DATE	
TITLE	FEIN	ADDRESS CHANGES TO BE NOTED ABOVE	

WHEN RESPONDING TO RFQ, INSERT NAME AND ADDRESS IN SPACE ABOVE LABELED 'VENDOR'

GENERAL TERMS & CONDITIONS REQUEST FOR QUOTATION (RFQ) AND REQUEST FOR PROPOSAL (RFP)

1. Awards will be made in the best interest of the State of West Virginia.
2. The State may accept or reject in part, or in whole, any bid.
3. Prior to any award, the apparent successful vendor must be properly registered with the Purchasing Division and have paid the required \$125 fee.
4. All services performed or goods delivered under State Purchase Order/Contracts are to be continued for the term of the Purchase Order/Contracts, contingent upon funds being appropriated by the Legislature or otherwise being made available. In the event funds are not appropriated or otherwise available for these services or goods this Purchase Order/Contract becomes void and of no effect after June 30.
5. Payment may only be made after the delivery and acceptance of goods or services.
6. Interest may be paid for late payment in accordance with the *West Virginia Code*.
7. Vendor preference will be granted upon written request in accordance with the *West Virginia Code*.
8. The State of West Virginia is exempt from federal and state taxes and will not pay or reimburse such taxes.
9. The Director of Purchasing may cancel any Purchase Order/Contract upon 30 days written notice to the seller.
10. The laws of the State of West Virginia and the *Legislative Rules* of the Purchasing Division shall govern the purchasing process.
11. Any reference to automatic renewal is hereby deleted. The Contract may be renewed only upon mutual written agreement of the parties.
12. **BANKRUPTCY:** In the event the vendor/contractor files for bankruptcy protection, the State may deem this contract null and void, and terminate such contract without further order.
13. **HIPAA BUSINESS ASSOCIATE ADDENDUM:** The West Virginia State Government HIPAA Business Associate Addendum (BAA), approved by the Attorney General, is available online at www.state.wv.us/admin/purchase/vrc/hipaa.html and is hereby made part of the agreement provided that the Agency meets the definition of a Cover Entity (45 CFR §160.103) and will be disclosing Protected Health Information (45 CFR §160.103) to the vendor.
14. **CONFIDENTIALITY:** The vendor agrees that he or she 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/noticeConfidentiality.pdf>.
15. **LICENSING:** Vendors 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, and the West Virginia Insurance Commission. The vendor must provide all necessary releases to obtain information to enable the director or spending unit to verify that the vendor is licensed and in good standing with the above entities.
16. **ANTITRUST:** In submitting a bid to any agency for the State of West Virginia, the bidder offers and agrees that if the bid is accepted the bidder will 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 the bidder.

I certify that this bid is made without prior understanding, agreement, or connection with any corporation, firm, limited liability company, partnership, or person or entity submitting a bid for the same material, supplies, equipment or services and is in all respects fair and without collusion or fraud. I further certify that I am authorized to sign the certification on behalf of the bidder or this bid.

INSTRUCTIONS TO BIDDERS

1. Use the quotation forms provided by the Purchasing Division. Complete all sections of the quotation form.
2. Items offered must be in compliance with the specifications. Any deviation from the specifications must be clearly indicated by the bidder. Alternates offered by the bidder as EQUAL to the specifications must be clearly defined. A bidder offering an alternate should attach complete specifications and literature to the bid. The Purchasing Division may waive minor deviations to specifications.
3. Unit prices shall prevail in case of discrepancy. All quotations are considered F.O.B. destination unless alternate shipping terms are clearly identified in the quotation.
4. All quotations must be delivered by the bidder to the office listed below prior to the date and time of the bid opening. Failure of the bidder to deliver the quotations on time will result in bid disqualifications: Department of Administration, Purchasing Division, 2019 Washington Street East, P.O. Box 50130, Charleston, WV 25305-0130
5. Communication during the solicitation, bid, evaluation or award periods, except through the Purchasing Division, is strictly prohibited (W.Va. C.S.R. §148-1-6.6).



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BID OPENING DATE: 01/31/2012		BID OPENING TIME 01:30PM		

LINE	QUANTITY	UOP	CAT NO.	ITEM NUMBER	UNIT PRICE	AMOUNT
<p>EXHIBIT 3</p> <p>LIFE OF CONTRACT: THIS CONTRACT BECOMES EFFECTIVE UPON AWARD-----, AND EXTENDS FOR A PERIOD OF ONE (1) YEAR OR UNTIL SUCH "REASONABLE TIME" THEREAFTER AS IS NECESSARY TO OBTAIN A NEW CONTRACT OR RENEW THE ORIGINAL CONTRACT. THE "REASONABLE TIME" PERIOD SHALL NOT EXCEED TWELVE (12) MONTHS. DURING THIS "REASONABLE TIME" THE VENDOR MAY TERMINATE THIS CONTRACT FOR ANY REASON UPON GIVING THE DIRECTOR OF PURCHASING 30 DAYS WRITTEN NOTICE.</p> <p>UNLESS SPECIFIC PROVISIONS ARE STIPULATED ELSEWHERE IN THIS CONTRACT DOCUMENT, THE TERMS, CONDITIONS AND PRICING SET HEREIN ARE FIRM FOR THE LIFE OF THE CONTRACT.</p> <p>RENEWAL: THIS CONTRACT MAY BE RENEWED UPON THE MUTUAL WRITTEN CONSENT OF THE SPENDING UNIT AND VENDOR, SUBMITTED TO THE DIRECTOR OF PURCHASING THIRTY (30) DAYS PRIOR TO THE EXPIRATION DATE. SUCH RENEWAL SHALL BE IN ACCORDANCE WITH THE TERMS AND CONDITIONS OF THE ORIGINAL CONTRACT AND SHALL BE LIMITED TO TWO (2) ONE (1) YEAR PERIODS.</p> <p>CANCELLATION: THE DIRECTOR OF PURCHASING RESERVES THE RIGHT TO CANCEL THIS CONTRACT IMMEDIATELY UPON WRITTEN NOTICE TO THE VENDOR IF THE COMMODITIES AND/OR SERVICES SUPPLIED ARE OF AN INFERIOR QUALITY OR DO NOT CONFORM TO THE SPECIFICATIONS OF THE BID AND CONTRACT HEREIN.</p> <p>OPEN MARKET CLAUSE: THE DIRECTOR OF PURCHASING MAY AUTHORIZE A SPENDING UNIT TO PURCHASE ON THE OPEN MARKET, WITHOUT THE FILING OF A REQUISITION OR COST ESTIMATE, ITEMS SPECIFIED ON THIS CONTRACT FOR</p>						

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<p>IMMEDIATE DELIVERY IN EMERGENCIES DUE TO UNFORESEEN CAUSES (INCLUDING BUT NOT LIMITED TO DELAYS IN TRANSPORTATION OR AN UNANTICIPATED INCREASE IN THE VOLUME OF WORK.)</p> <p>QUANTITIES: QUANTITIES LISTED IN THE REQUISITION ARE APPROXIMATIONS ONLY, BASED ON ESTIMATES SUPPLIED BY THE STATE SPENDING UNIT. 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.</p> <p>BANKRUPTCY: IN THE EVENT THE VENDOR/CONTRACTOR FILES FOR BANKRUPTCY PROTECTION, THE STATE MAY DEEM THE CONTRACT NULL AND VOID, AND TERMINATE SUCH CONTRACT WITHOUT FURTHER ORDER.</p> <p>THE TERMS AND CONDITIONS CONTAINED IN THIS CONTRACT SHALL SUPERSEDE ANY AND ALL SUBSEQUENT TERMS AND CONDITIONS WHICH MAY APPEAR ON ANY ATTACHED PRINTED DOCUMENTS SUCH AS PRICE LISTS, ORDER FORMS, SALES AGREEMENTS OR MAINTENANCE AGREEMENTS, INCLUDING ANY ELECTRONIC MEDIUM SUCH AS CD-ROM.</p> <p>REV. 05/26/2009</p> <p>EXHIBIT 10</p> <p style="text-align: right;">REQUISITION NO.: DEP15729</p> <p>ADDENDUM ACKNOWLEDGEMENT</p> <p>I HEREBY ACKNOWLEDGE RECEIPT OF THE FOLLOWING CHECKED ADDENDUM(S) AND HAVE MADE THE NECESSARY REVISIONS TO MY PROPOSAL, PLANS AND/OR SPECIFICATION, ETC.</p>						

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<p>ADDENDUM NO.'S:</p> <p>NO. 1 <i>AR</i></p> <p>NO. 2</p> <p>NO. 3</p> <p>NO. 4</p> <p>NO. 5</p> <p>I UNDERSTAND THAT FAILURE TO CONFIRM THE RECEIPT OF THE ADDENDUM(S) MAY BE CAUSE FOR REJECTION OF BIDS.</p> <p>VENDOR MUST CLEARLY UNDERSTAND THAT ANY VERBAL REPRESENTATION MADE OR ASSUMED TO BE MADE DURING ANY ORAL DISCUSSION HELD BETWEEN VENDOR'S REPRESENTATIVES AND ANY STATE PERSONNEL IS NOT BINDING. ONLY THE INFORMATION ISSUED IN WRITING AND ADDED TO THE SPECIFICATIONS BY AN OFFICIAL ADDENDUM IS BINDING.</p> <p style="text-align: right;"> <i>Annissa Reiger</i> SIGNATURE <i>Analabs, Inc.</i> COMPANY <i>1/30/2012</i> DATE </p> <p>NOTE: THIS ADDENDUM ACKNOWLEDGEMENT SHOULD BE SUBMITTED WITH THE BID.</p>						

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NOTICE						
<p>A SIGNED BID MUST BE SUBMITTED TO:</p> <p>DEPARTMENT OF ADMINISTRATION PURCHASING DIVISION BUILDING 15 2019 WASHINGTON STREET, EAST CHARLESTON, WV 25305-0130</p> <p>THE BID SHOULD CONTAIN THIS INFORMATION ON THE FACE OF THE ENVELOPE OR THE BID MAY NOT BE CONSIDERED:</p> <p>SEALED BID</p> <p>BUYER: GN-23</p> <p>RFQ. NO.: DEP15729</p> <p>BID OPENING DATE: 01/31/2012</p> <p>BID OPENING TIME: 1:30 PM</p> <p>PLEASE PROVIDE A FAX NUMBER IN CASE IT IS NECESSARY TO CONTACT YOU REGARDING YOUR BID: ---304-255-2410---</p> <p>CONTACT PERSON (PLEASE PRINT CLEARLY): <i>Annissa Reiger</i></p>						

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<p>ANY INDIVIDUAL SIGNING THIS BID IS CERTIFYING THAT: (1) HE OR SHE IS AUTHORIZED BY THE BIDDER TO EXECUTE THE BID OR ANY DOCUMENTS RELATED THERETO ON BEHALF OF THE BIDDER, (2) THAT HE OR SHE IS AUTHORIZED TO BIND THE BIDDER IN A CONTRACTUAL RELATIONSHIP, AND (3) THAT THE BIDDER HAS PROPERLY REGISTERED WITH ANY STATE AGENCIES THAT MAY REQUIRE REGISTRATION.</p>						
***** THIS IS THE END OF RFQ DEP15729 ***** TOTAL:						_____

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AREA OF WORK

Bids should be submitted by vendors in connection with the costs associated with collection from all Department of Environmental Protection (DEP) offices as listed herein.

Awards will be made to all laboratories possessing a current valid West Virginia DEP Laboratory Quality Assurance certification for the appropriate categories of parameters and meeting the qualifications listed below. Because of the short holding times for certain parameters and the desire to avoid multiple labs analyzing samples from individual sites, work will be distributed based on proximity of lab to sample collection location, overall costs for parameters being requested, and the ability of labs to analyze all requested parameters (i.e., certified for all requested parameters). Costs to pickup samples from DEP personnel will also be taken into consideration.

Bidding should be done for each analyte within a specific method. Prices should also be given for liquid and solid samples. If vendor is certified for more than one method per parameter, include method#, MDL and cost. Bids must be submitted exactly as per attached bid sheet.

QUALIFICATIONS

The DEP conducts inspections of permitted and non-permitted facilities, investigates complaints, monitors ambient quality of surface water, groundwater and sediments, performs studies, and provides water quality information to the citizens of West Virginia and other government agencies. Legal action based upon analytic results is possible. Therefore, the vendor or vendors selected must have a quality control program in place and meet the following qualifications:

1. The laboratory must be certified by the Water Resources Quality Assurance Program. This includes any laboratories to which analyses are subcontracted.
2. Be accessible by telephone **24 hours per day, 7 days per week.**
3. Capable of attending and providing expert testimony in legal proceeding, upon request.
4. **Proof of certification and staff chemist(s) resume(s) must be provided at the time of bid.**

SCOPE

In administering and enforcing most of the pollution control laws of the state, the importance of quality control cannot be overstated. Quality control measures must be strictly adhered to in all phases of sample collection, preservation, transportation, and analysis. The quality control and analytical work, as they relate to the contractor's responsibility, is divided into four (4) major steps:

STEP 1 - Collection of sample from specified office.

STEP 2 - Conduct specified analysis on samples in a timely and professional manner.

STEP 3 - Establishment of continuing program to ensure the reliability of analytical data.

STEP 4 - Legal Testimony

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Step 1 - Collection of Samples from Specified Office

The sampling for the DEP shall be conducted by Department personnel. The vendor shall be notified of the date sampling occurs or is to occur and from which DEP office or other location the sample can be obtained. The vendor shall be notified when the sample was taken (time/date) for circumstances when holding times for parameters to be analyzed are less than seven (7) days. The vendor shall indicate the time the sample was obtained from the pickup location and its condition and the time the sample was delivered to the laboratory. The vendor shall be responsible for holding times, preservation of the sample and the internal chain of custody from the time the vendor obtained the sample until the time the analysis is accepted by the Department. The vendor shall also maintain records of the results of analysis for a minimum of five (5) years.

Step 2 - Conduct Specified Analysis on Samples

The methods used by the laboratory for the analysis shall be either; 1) Methods described in 40 CFR-136 or, 2) Test Methods for Evaluating Solid Waste -Physical/Chemical Methods (SW -846) Third Edition with updates. The sampler shall be responsible for specifying either 1 or 2 above. In the event the method is not specified, the laboratory shall contact the sampler for verification of the method to be used.

Vendors must include the method number on the bid sheet. A single analytical method for some parameters isn't adequate, for example, a sample of discharge water from a sewage treatment plant need not have the same precision as a sample from relatively clean oligotrophic waters. If vendor submits bids for an alternate method, the method number and MDL must be included on the bid sheet. If vendors are certified for more than 2 methods for a parameter, the vendor can provide bids and associated information on a separate page.

Vendors must provide a single bid for the cost of the analysis and reporting for the Phase 1 Detection Monitoring constituent lists described Appendix A.

Results of analytical tests must be submitted electronically in a Microsoft Excel (or compatible) format. The electronic results should conform to the DEP program approved template format. Where provided, the vendor must include the WQ ID number with the data submitted. This electronic data submittal requirement may be waived in some circumstances where the number of samples and/or number of analytical tests requested is low. Waiver must be requested prior to data submittal

Analysis of samples is not deemed completed until the data has been submitted to and accepted by DEP. Should the DEP not provide notice of acceptance within four weeks of the date results were mailed, the vendor may consider the data to be acceptable by the Division. The vendor shall be responsible for maintaining preservation of the samples until the holding time is exceeded. Any samples with a sheen, discoloration or odor shall be maintained until DEP's notification that the sample can be properly disposed of. DEP will advise the vendor which samples fall into this category. The vendor shall be responsible for the proper disposal of all samples submitted to them by the DEP unless otherwise notified. The vendor shall dispose of the sample no earlier than four weeks after DEP accepts the results. The results of the analysis shall be submitted to the DEP no more than two (2) weeks after receipt of samples.

Step 3 - Quality Control

Three programs are to be utilized to assure reliable laboratory data: (1) the use and documentation of standard analytical methods, (2) analysis of duplicate and spiked (where the concept applies) samples at regular intervals each day to check analytical precision and accuracy, and (3) analysis of reference samples at 6 (six) month intervals*. Regardless of which analytical methods are used in a laboratory, the methodology must be carefully documented. Standard methods which have been modified or entirely replaced because of recent advances in the state of art may only be used when it has been given approval in the Federal Register. Documentation of procedures must be clear, honest, and adequately referenced; and the procedures shall be applied exactly as documented. The responsibility for results obtained from these procedures rests with the analyst and supervisor, both as representatives of the firm.

To check the laboratory analytical precision, duplicate analysis of samples shall be performed at regular intervals. Duplicate samples must be carried through the complete analytical process. For all analyses, the interval shall be every tenth (10th) sample. When less than ten (10) samples are tested in one day, at least one duplicate sample shall be analyzed, and that sample must be a DEP sample. The difference between the replicates for each analysis are to be plotted on Shewart precision quality control charts. "Out-of-Control" samples are to be repeated and appropriate steps shall be taken to locate and remedy the error.

To check the laboratory analytical accuracy, samples containing a known addition of the target analyte (spike) shall be analyzed at regular intervals. Spiked samples must be carried through the complete analytical process. For all analyses, the interval shall be every tenth (10th) sample. Where less than ten samples are tested in one day, at least one spiked sample shall be analyzed, and that sample must be a DEP sample. The percent recovery must be plotted out on Shewart accuracy quality control charts. "Out-of-Control" samples are to be repeated and appropriate steps taken to locate and remedy the source of error. The DEP reserves the right to conduct unannounced examinations of the laboratory's records to assure compliance.

Periodic submission of samples with known composition will occur. No notice of this activity will be provided unless results indicate an anomaly.

*These analyses shall be conducted under the vendor's performance evaluation test number through the Analytical Products Group.

Step 4 - Legal Testimony

The selected vendor or vendors may be requested by the DEP to testify concerning the validity of the laboratory analysis. The vendor will only be required to testify to the following areas:

1. Time of notification by Department of sampling and by whom.
2. When and where samples were collected by the firm.
3. Condition of sample.
4. How sample was preserved by the firm.
5. Date and time(s) of analysis and by whom.
6. Chain of Custody procedures within the laboratory
7. Methods used.
8. Results of analysis.

At no time will the firm respond to questions concerning interpretation of results. The Department shall reimburse the vendor for the costs of any such testimony. The vendor must provide a detailed invoice of actual costs incurred.

PRIME VENDOR RESPONSIBILITIES

A vendor who is awarded a contract, when performing work under the terms and conditions of this contract, is solely responsible for the satisfactory completion of the work. The vendor shall be responsible for ensuring that any subcontractors have all the necessary permits, certifications (including WV State Laboratory Certification) and insurance to perform the work. 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.

SUBCONTRACTORS

The prime vendor shall not be allowed to subcontract any work or services under this contract to any other person, company, corporation, firm, organization or agency without prior written approval of the DEP. The prime contractor is ultimately responsible for seeing the results submitted electronically and must also provide copies hard or electronic copies of any documentation provided by the subcontractor.

CONFIDENTIALITY

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 made 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 DEP.

MISCELLANEOUS PROVISIONS

1. The vendor shall provide necessary sample containers and field preservatives to the DEP if requested by the Department.
2. 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. 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.
4. 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 Shewart quality control charts.
5. 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 DEP, in writing, within ten (10) days of the time of status change.
6. The laboratory will provide blank water to the DEP, at no charge, upon request.

Appendix A

Constituents for Phase I Detection Monitoring**GROUP A: Inorganic Constituents**

COMMON NAME²	CAS RN³	
Acidity	(Total)	
Aluminum	(Total)	bid as package
Alkalinity	(Total)	(Groups A and B combined)
Ammonia Nitrogen	(Total)	
Antimony	(Total)	
Arsenic	(Total)	
Barium	(Total)	
Beryllium	(Total)	
Bicarbonates	(mg/l)	
Boron	(Total)	
Cadmium	(Total)	
Chlorides	(Total)	
Chromium	(Total)	
Cobalt	(Total)	
COD	(mg/l)	
Copper	(Total)	
Dissolved Manganese	(Total)	
Iron	(Total)	
Lead	(Total)	
Magnesium	(Total)	
Mercury	(Total)	
Molybdenum	(Total)	
Nickel	(Total)	
Nitrate	(Total)	
pH	(Std. Units)	
Potassium	(Total)	
Selenium	(Total)	
Silver	(Total)	
Sodium	(Total)	
Specific Conductance	(umhos/cm)	
Sulfate	(Total)	
TDS	(mg/l)	
Thallium	(Total)	
TOC	(mg/l)	
Total Phenolic Materials	(Total)	
TSS	(Total)	
Turbidity	(Total)	
Vanadium	(Total)	
Zinc	(Total)	

In addition to the above, the following parameters should be analyzed:
Temperature, (BOD-5-day), flouride and calcium.

GROUP B: Organic Constituents¹

COMMON NAME ²	CAS RN ³
Acetone	67-64-1
Acrylonitrile	107-13-1
Benzene	71-43-2
Bromochloromethane	74-97-5
Bromodichloromethane	75-27-4
Bromoform; Tribromomethane	75-25-2
Carbon disulfide	75-15-0
Carbon tetrachloride	56-23-5
Chlorobenzene	108-90-7
Chloroethane; Ethyl chloride	75-00-3
Chloroform; Trichloromethane	67-66-3
Dibromochloromethane; Chlorodibromomethane	124-48-1
1,2-Dibromo-3-chloropropane; DBCP	96-12-8
1,2-Dibromoethane; Ethylene dibromide; EDB	106-93-4
o-Dichlorobenzene; 1,2-Dichlorobenzene	95-50-1
p-Dichlorobenzene; 1,4-Dichlorobenzene	106-46-7
trans-1,4-Dichloro-2-butene	110-57-6
1,1-Dichloroethane; Ethylidene chloride	75-34-3
1,2-Dichloroethane; Ethylene dichloride	107-06-2
1,1-Dichloroethylene; 1,1-Dichloroethene; Vinylidene	75-35-4
cis-1,2-Dichloroethylene; cis-1,2-Dichloroethene	156-59-2
trans-1,2-Dichloroethylene; trans-1,2-Dichloroethene	156-60-5
1,2-Dichloropropane; Propylene dichloride	78-87-5
cis-1,3-Dichloropropene	10061-01-5
trans-1,3-Dichloropropene	10061-02-6
Ethylbenzene	100-41-4
2-Hexanone; Methyl butyl ketone	591-78-6
Methyl bromide; Bromomethane	74-83-9
Methyl chloride; Chloromethane	74-87-3
Methylene bromide; Dibromomethane	74-95-3
Methylene chloride; Dichloromethane	75-09-2
Methyl ethyl ketone; MEK; 2-Butanone	78-93-3
Methyl iodide; Iodomethane	74-88-4
4-Methyl-2-pentanone; Methyl isobutyl ketone	108-10-1
Styrene	100-42-5
1,1,1,2-Tetrachloroethane	630-20-6
1,1,2,2-Tetrachloroethane	79-34-5
Tetrachloroethylene; Perchloroethylene	127-18-4
Toluene	108-88-3
1,1,1-Trichloroethane; Methylchloroform	71-55-6
1,1,2-Trichloroethane	79-00-5

Trichloroethylene; Trichloroethene	79-01-6
Trichlorofluoromethane; CFC-II	75-69-4
1,2,3-Trichloropropane	96-18-4
Vinyl acetate	108-05-4
Vinyl chloride	75-01-4
Xylenes	1330-20-7

1. This list contains volatile organics for which possible analytical procedures provided in EPA Report SW-846 "Test Methods for Evaluating Solid Waste", third edition, November 1986, as revised December 1987, includes Method 8260 and 8011; and metals for which SW-846 provides either Method 6010 or a method from the 7000 series of methods.

2. Common names are those widely used in government regulations, scientific publications, and commerce; synonyms exist for many chemicals.

3. Chemical Abstracts Service registry number. Where "Total" is entered, all species in the groundwater that contain this element are included.

ANALYSIS OF WATER AND SOIL

DEP15729

Vendor's Bid Sheet

Vendors Name: Analabs, Inc.

The DEP reserves the right to request additional information and supporting documentation regarding unit prices when the unit price appears to be unreasonable.

ITEM NO.	EST. QUANTITY	DESCRIPTION	Method #	Method Detection Level*	UNIT PRICE	AMOUNT
1	4000	pH	SM4500H+B	N/A	\$10.00	\$40,000
1A	10	pH (Solid)	SW9045	N/A	\$15.00	\$150.00
2	4000	Hot Acidity	SM2310B	5 mg/l	\$10.00	\$40,000
2A	1000	Hot Acidity Alt. Method		*	\$	\$
3	4000	Alkalinity	EPA 310.2	5 mg/L	\$10.00	\$40,000
3A	1000	Alkalinity Alt. Method	SM2320B	5mg/L	\$10.00	\$10,000
4	500	Hardness	SM2340B	1 mg/L	\$30.00	\$15,000
4A	100	Hardness Alt. Method			\$	\$
4B	10	Hardness (Solid)	SM2340B	100mg/kg	\$45.00	\$450
5	1000	Specific Conductance	SM2510B	3 uS/cm ²	\$10.00	\$10,000
5A	500	Specific Conductance Alt. Method			\$	\$
6	4000	Sulfate	EPA300.0	5 mg/L	\$12.00	\$48,000
6A	1000	Sulfate Alt. Method			\$	\$
6B	10	Sulfate (Solid)	EPA300.0	41.3mg/kg	\$27.00	\$270
7	20	Sulfide		1 mg/L	\$	\$
7A	10	Sulfide Alt. Method			\$	\$
8	20	Turbidity	EPA 180.1	1 NTU (higher OK if highly turbid)	\$10.00	\$200
8A	10	Turbidity Alt. Method			\$	\$
9	300	Bromide		0.1 mg/L	\$	\$
9A	10	Bromide Alt. Method		1 mg/L	\$	\$
9B	10	Bromide (Solid)			\$	\$
10	3000	Chloride	SM4500C1-E	5 mg/L	\$12.00	\$36,000
10A	100	Chloride Alt. Method			\$	\$
10B	10	Chloride (Solid)	SM4500C1-E	18.1mg/kg	\$27.00	\$270
11	25	Fluoride	SM4500F-C	0.2 mg/L	\$20.00	\$500
11A	10	Fluoride Alt. Method			\$	\$
11B	10	Fluoride (Solid)	SM4500F-C	4.32mg/kg	\$35.00	\$350
12	4000	Fecal Coliform (MF)	SM9222D	4 cfu/100 mL	\$25.00	\$100,000
12A	1000	Fecal Coliform (MF) Alt. Method			\$	\$
13	100	Fecal Coliform (MPN)		4 cfu/100 mL	\$	\$
13A	50	Fecal Coliform (MPN) Alt. Method			\$	\$
14	20	Total Coliform			\$	\$
15	25	Total Solids	SM2540B	1 mg/L	\$12.00	\$300
15A	10	Total Solids Alt. Method			\$	\$
15B	10	Total Solid (Solid)	SM2450G	100mg/kg	\$12.00	\$120
16	3000	Dissolved Solids (TDS)	SM2540C	1 mg/L	\$10.00	\$30,000
16A	1000	Dissolved Solids (TDS) Alt. Method			\$	\$
17	4000	Suspended Solids (TSS)	SM2540D	3 mg/L	\$10.00	\$40,000

ITEM NO.	EST. QUANTITY	DESCRIPTION	Method #	Method Detection Level*	UNIT PRICE	AMOUNT
17A	1000	Suspended Solids (TSS) Alt. Method			\$	\$
18	25	Settleable Solids	SM2540F	0.5ml/L	\$10.00	\$250
18A	10	Settleable Solids Alt. Method			\$	\$
19	25	Volatile Solids	SM2540E	1 mg/L	\$12.00	\$300
19A	10	Volatile Solids Alt. Method			\$	\$
19B	10	Volatile solid (Solid)	SM2540E	100mg/kg	\$12.00	\$120
20	25	Percent Solids	SM2540G	1%	\$12.00	\$300
20A	10	Percent Solids Alt. Method			\$	\$
20B	10	Percent Solids (Solid)	SM2540G	1%	\$12.00	\$120
21	400	Kjeldahl Nitrogen	EPA351.2	0.1 mg/L	\$24.00	\$9,600
21A	100	Kjeldahl Nitrogen Alt. Method			\$	\$
21B	10	Kjeldahl Nitrogen (Solid)	SM4500NH3B	24.1mg/kg	\$39.00	\$390
21C	10	Kjeldahl Nitrogen Alt. Method (Solid)			\$	\$
22	50	Ammonia Nitrogen	EPA 350.1	0.1 mg/L	\$35.00	\$1,750
22A	10	Ammonia Nitrogen Alt. Method			\$	\$
22B	10	Ammonia Nitrogen (Solid)	SM4500NH3B	02.28mg/kg	\$39.00	\$390
22C	10	Ammonia Nitrogen Alt. Method (Solid)			\$	\$
23	50	Organic Nitrogen	SM4500N	0.5 mg/L	\$24.00	\$1,200
23A	10	Organic Nitrogen Alt. Method			\$	\$
24	50	Nitrate-Nitrogen	EPA 353.2	0.05 mg/L	\$24.00	\$1,200
24A	10	Nitrate-Nitrogen Alt. Method			\$	\$
25	50	Nitrite-Nitrogen	EPA 353.2	0.05 mg/L	\$24.00	\$1,200
25A	10	Nitrite-Nitrogen Alt. Method			\$	\$
25B	10	Nitrite-Nitrogen (Solid)	SM4500NO3F	0.358mg/kg	\$39.00	\$390
25C	10	Nitrite-Nitrogen Alt. Method (Solid)			\$	\$
26	400	Nitrite-Nitrate	EPA 353.2	0.05 mg/L	\$24.00	\$9,600
26A	100	Nitrite-Nitrate Alt. Method			\$	\$
26B	10	Nitrite-Nitrate (Solid)	SM4500NO3F	0.358mg/kg	\$39.00	\$390
26C	10	Nitrite-Nitrate Alt. Method (Solid)			\$	\$
27	400	Total Phosphorus	EPA365.1	0.01 mg/L	\$24.00	\$9,600
27A	100	Total Phosphorus Alt. Method			\$	\$
27B	10	Total Phosphorus (Solid)	SM4500PF	1.01mg/kg	\$39.00	\$390
27C	10	Total Phosphorus Alt. Method (Solid)			\$	\$
28	50	Orthophosphate	EPA 365.1	0.01 mg/L	\$12.00	\$600
28A	10	Orthophosphate Alt. Method			\$	\$
29	50	Total Phosphate	EPA365.1	0.01 mg/L	\$12.00	\$600
29A	10	Total Phosphate Alt. Method			\$	\$
29B	10	Total Phosphate (Solid)	SM4500PF	0.600mg/kg	\$27.00	\$270
29C	10	Total Phosphate Alt. Method (Solid)			\$	\$
30	25	BOD	SM5210B	2 mg/L	\$20.00	\$500
30A	10	BOD Alt. Method			\$	\$
31	25	BOD-carbonaceous		2 mg/L	\$	\$
31A	10	BOD-carbonaceous Alt. Method			\$	\$
32	25	COD	SM5220D	0.5 mg/L	\$24.00	\$600
32A	10	COD Alt. Method			\$	\$
33	25	TOC		1 mg/L	\$	\$
33A	10	TOC Alt. Method			\$	\$
34	25	MBAS	SM5540C	0.05 mg/L	\$24.00	\$600
34A	10	MBAS Alt. Method			\$	\$
35	25	Phenolics	EPA 420.4	0.01 mg/L	\$30.00	\$750
35A	10	Phenolics Alt. Method			\$	\$
35B	10	Phenolics (Solid)	EPA 420.4	0.531mg/kg	\$39.00	\$390
36	25	Total Cyanide	EPA 335.4	0.005 mg/L	\$30.00	\$750
36A	10	Total Cyanide Alt. Method			\$	\$

ITEM NO.	EST. QUANTITY	DESCRIPTION	Method #	Method Detection Level*	UNIT PRICE	AMOUNT
36B	10	Total Cyanide (Solid)	EPA 335.4	0.11mg/kg	\$39.00	\$390
37	200	Hexavalent Chromium	SM3500CrD	0.005 mg/L	\$30.00	\$6,000
37A	10	Hexavalent Chromium Alt. Method			\$	\$
37B	10	Hexavalent Chromium (Solid)	SM3500CrD	0.0629mg/kg	\$33.00	\$330
38	25	Oil-Grease	EPA1664A	2 mg/L	\$36.00	\$900
38A	10	Oil-Grease Alt. Method			\$	\$
38B	10	Oil-Grease (Solid)	EPA1664A	106mg/kg	\$36.00	\$360
39	100	Chlorophyll A		0.5 ug/L	\$	\$
39A	20	Chlorophyll A Alt. Method			\$	\$
40	25	Color (APHA)		5 color units	\$	\$
40A	10	Color (APHA) Alt. Method			\$	\$
41	25	Color (ADMI)		10 ADMI value	\$	\$
41A	10	Color Alt. Method			\$	\$
42	25	Cyanide, Amenable	EPA353.4	0.005 mg/L	\$30.00	\$750
42A	10	Cyanide, Amenable Alt. Method			\$	\$
43	25	Cyanide, Free (ASTM)	EPA353.4	0.005 mg/L	\$30.00	\$750
43A	10	Cyanide, Free Alt. Method			\$	\$
44	25	Mineral Acidity	SM2310B	1 mg/L	\$10.00	\$250
44A	10	Mineral Acidity Alt. Method			\$	\$
45	25	Total Acidity	SM2310B	1 mg/L	\$10.00	\$250
45A	10	Total Acidity Alt. Method			\$	\$
46	25	Tot Petroleum Hydrocarbons GRO/DRO (8015)		0.5 mg/L	\$	\$
46A	10	Tot Petroleum Hydrocarbons GRO/DRO (8015) (Solid)			\$	\$
47	25	Fecal Streptococci		4 cfu/100 mL	\$	\$
47A	10	Fecal Streptococci Alt. Method			\$	\$
47B	10	Fecal Streptococci (Solid)			\$	\$
48	25	Escherichia Coli (Numeric Result)		1 cfu/100 mL	\$	\$
48A	10	E. Coli (Numeric Result) Alt. Method			\$	\$
49	100	Enterococci		1 cfu/100 mL	\$	\$
50	20	Iron Bacteria			\$	\$
51	20	Sulfate Reducing Bacteria			\$	\$
52	25	Bicarbonate (Standard Methods)	SM4500	1 mg/L	\$12.00	\$300
52A	10	Bicarbonate Alt. Method			\$	\$
53	25	Ferrous Iron (Standard Methods)		0.05 mg/L	\$	\$
53A	10	Ferrous Iron Alt. Method			\$	\$
54	25	Dissolved Organic Carbon		1 mg/L	\$	\$
54A	10	Dissolved Organic Carbon Alt. Method			\$	\$
55	4000	Aluminum	EPA 200.8	0.005 mg/L	\$12.00	\$48,000
55A	100	Aluminum - Alt. method			\$	\$
55B	10	Aluminum (Solid)	EPA6020A	0.5mg/kg	\$27.00	\$270
56	20	Antimony	EPA 200.8	0.005 mg/L	\$16.00	\$320
56A	10	Antimony Alt. Method			\$	\$
56B	10	Antimony (Solid)	EPA6020A	0.0126mg/kg	\$31.00	\$310
57	20	Arsenic	EPA 200.8	0.005 mg/L	\$16.00	\$320
57A	10	Arsenic Alt. Method			\$	\$
57B	10	Arsenic (Solid)	EPA6020A	0.0222mg/kg	\$31.00	\$310
58	20	Barium	EPA 200.8	0.005 mg/L	\$16.00	\$320
58A	10	Barium Alt. Method			\$	\$
58B	10	Barium (Solid)	EPA6020A	0.0075mg/kg	\$31.00	\$310
59	20	Beryllium	EPA 200.8	0.00008 mg/L	\$16.00	\$320
59A	10	Beryllium Alt. Method			\$	\$
59B	10	Beryllium (Solid)	EPA6020A	0.00154mg/kg	\$31.00	\$310

ITEM NO.	EST. QUANTITY	DESCRIPTION	Method #	Method Detection Level*	UNIT PRICE	AMOUNT
60	20	Boron	EPA 200.8	0.02 mg/L	\$ 16.00	\$ 320
60A	10	Boron Alt. Method			\$	\$
60B	10	Boron (Solid)	EPA6020A	0.019mg/kg	\$ 31.00	\$ 310
61	200	Cadmium	EPA 200.8	0.00005 mg/L	\$ 16.00	\$ 3,200
61A	20	Cadmium Alt. Method			\$	\$
61B	10	Cadmium (Solid)	EPA6020A	0.0121mg/kg	\$ 31.00	\$ 310
62	500	Calcium	EPA 200.8	0.02 mg/L	\$ 12.00	\$ 6,000
62A	20	Calcium Alt. Method			\$	\$
62B	10	Calcium (Solid)	EPA6020A	1.1mg/kg	\$ 27.00	\$ 270
63	20	Chromium	EPA 200.8	0.001 mg/L	\$ 16.00	\$ 320
63A	10	Chromium Alt. Method			\$	\$
63B	10	Chromium (Solid)	EPA6020A	0.0238mg/kg	\$ 31.00	\$ 310
64	20	Cobalt	EPA 200.8	0.001 mg/L	\$ 16.00	\$ 320
64A	10	Cobalt Alt. Method			\$	\$
64B	10	Cobalt (Solid)	EPA6020A	0.0048mg/kg	\$ 31.00	\$ 310
65	200	Copper	EPA 200.8	0.001 mg/L	\$ 16.00	\$ 3,200
65A	20	Copper Alt. Method			\$	\$
65B	10	Copper (Solid)	EPA6020A	0.0174mg/kg	\$ 31.00	\$ 310
66	3000	Iron	EPA 200.8	0.01 mg/L	\$ 12.00	\$ 36,000
66A	100	Iron Alt. Method			\$	\$
66B	10	Iron (Solid)	EPA6020A	0.4mg/kg	\$ 27.00	\$ 270
67	200	Lead	EPA 200.8	0.00054 mg/L	\$ 16.00	\$ 3,200
67A	10	Lead Alt. Method			\$	\$
67B	10	Lead (Solid)	EPA6020A	0.0042mg/kg	\$ 31.00	\$ 310
68	500	Magnesium	EPA 200.8	0.05 mg/L	\$ 12.00	\$ 6,000
68A	20	Magnesium Alt. Method			\$	\$
68B	10	Magnesium (Solid)	EPA6020A	0.7mg/kg	\$ 27.00	\$ 270
69	3000	Manganese	EPA 200.8	0.005 mg/L	\$ 12.00	\$ 36,000
69A	100	Manganese Alt. Method			\$	\$
69B	10	Manganese (Solid)	EPA6020A	0.6mg/kg	\$ 27.00	\$ 270
70	200	Mercury	EPA245.1	0.0001 mg/L	\$ 30.00	\$ 6,000
70A	200	Mercury / Method 1631E		0.5 ng/L	\$	\$
70B	10	Mercury (Solid)	SW7471B	0.003mg/kg	\$ 45.00	\$ 450
71	20	Molybdenum	EPA 200.8	0.005 mg/L	\$ 16.00	\$ 320
71A	10	Molybdenum Alt. Method			\$	\$
71B	10	Molybdenum (Solid)	EPA6020A	0.012mg/kg	\$ 31.00	\$ 310
72	200	Nickel	EPA 200.8	0.005 mg/L	\$ 16.00	\$ 3,200
72A	20	Nickel Alt. Method			\$	\$
72B	10	Nickel (Solid)	EPA6020A	0.0708mg/kg	\$ 31.00	\$ 310
73	500	Potassium	EPA 200.8	0.05 mg/L	\$ 12.00	\$ 6,000
73A	20	Potassium Alt. Method			\$	\$
73B	10	Potassium (Solid)	EPA6020A	0.0013mg/kg	\$ 27.00	\$ 270
74	500	Selenium	EPA 200.8	0.001 mg/L	\$ 16.00	\$ 8,000
74A	20	Selenium Alt. Method			\$	\$
74B	10	Selenium (Solid)	EPA6020A	0.0195mg/kg	\$ 31.00	\$ 310
75	200	Silver	EPA 200.8	0.000072 mg/L	\$ 16.00	\$ 3,200
75A	20	Silver Alt. Method			\$	\$
75B	10	Silver	EPA 200.8	0.0254mg/kg	\$ 31.00	\$ 310
76	500	Sodium	EPA 200.8	0.05 mg/L	\$ 12.00	\$ 6,000
76A	20	Sodium Alt. Method			\$	\$
76B	10	Sodium (Solid)	EPA6020A	0.9mg/kg	\$ 27.00	\$ 270
77	200	Strontium		0.001mg/L	\$	\$
77A	20	Strontium Alt. Method			\$	\$
78	20	Thallium	EPA 200.8	0.001 mg/L	\$ 16.00	\$ 320

ITEM NO.	EST. QUANTITY	DESCRIPTION	Method #	Method Detection Level*	UNIT PRICE	AMOUNT
78A	10	Thallium Alt. Method			\$	\$
78B	10	Thallium (Solid)	EPA6020A	0.005mg/kg	\$ 31.00	\$ 310
79	20	Tin		0.02 mg/L	\$	\$
79A	10	Tin Alt. Method			\$	\$
79B	10	Tin (Solid)			\$	\$
80	20	Vanadium	EPA 200.8	0.005 mg/L	\$ 16.00	\$ 320
80A	10	Vanadium Alt. Method			\$	\$
80B	10	Vanadium (Solid)	EPA6020A	0.0276mg/kg	\$ 31.00	\$ 310
81	200	Zinc	EPA 200.8	0.002 mg/L	\$ 16.00	\$ 3,200
81A	20	Zinc Alt. Method			\$	\$
81B	10	Zinc (Solid)	EPA6020A	0.215mg/kg	\$ 31.00	\$ 310
82	200	Metals Prep Cost	SW3050B		\$ *	\$ *
82A	10	Metals Prep Cost (Solid)	EPA6020A		\$ 15.00	\$ 150
83	20	Gross Alpha			\$	\$
84	20	Gross Beta			\$	\$
85	20	Ra-226			\$	\$
86	20	Ra-228			\$	\$
87	20	Total Uranium			\$	\$
88	20	Sr-89			\$	\$
89	20	Sr-90			\$	\$
90	20	Tritium (H3)			\$	\$
91	20	Gamma (Cs-137)			\$	\$
92	20	Radon			\$	\$

*Included in individual metal pricing

Toxicity Testing - Freshwater Organisms

Acute:

93	25	Ceriodaphnia			\$	\$
94	10	Daphnia Pulex / D. magna			\$	\$
95	25	Pimephales promelas			\$	\$
Chronic:						
96	25	Ceriodaphnia			\$	\$
97	25	Pimephales promelas (Survival & Growth)			\$	\$

98	200	Analysis of entire "Phase I Parameters" for landfills See Appendix A for list.			\$ 803.00	\$ 160,600
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TOC&Organic subcontracted all other in house

99	10	Professional staff representation of data in legal/administrative setting per hour			\$	\$
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Collection of samples - costs associated with sample pickup form the following locations:

100	24	Charleston Office, 601 57th St., SE, Charleston, WV 25304			\$ 80.00	\$ 1,920
101	24	Teays Office, P.O. Box 662, Teays, WV 25596			\$ 115.00	\$ 2,760
102	24	Fairmont Office, 2031 Pleasant Valley Rd., Fairmont, WV 26554			\$ 170.00	\$ 4,080
103	24	Romney Office, HC 63, Box 2545, Romney, WV 26757			\$ 345.00	\$ 8,280
104	24	French Creek Office, P.O. Box 38, French Creek, WV 26218			\$ 200.00	\$ 4,800

ITEM NO.	EST. QUANTITY	DESCRIPTION	Method #	Method Detection Level*	UNIT PRICE	AMOUNT
105	24	Wheeling Office, 131A Peninsula St., Wheeling, WV 26003			\$350.00	\$ 8,400
106	24	Parkersburg Office, 2311 Ohio Ave., Parkersburg, WV 26010			\$ 175.00	\$ 4,200
107	24	Oak Hill Office, 116 Industrial Dr., Oak Hill, WV 25901			\$ 40.00	\$960
108	24	Logan Office, 1101 George Kostas Dr. Logan, 25601			\$ 185.00	\$ 4,400
109	24	Philippi Office, 105 S Railroad St. Philippi WV 26416			\$ 185.00	\$ 4,400
110	24	Welch Office, 311 Court St. Welch 24801			\$ 160.00	\$3,840
111	5000	Other locations as Cost Per Mile to pickup site			\$ 3.00	\$15,000
112	10	24 Hour Turn-Around Rush Orders**				200 %
113	10	48 Hour Turn-Around Rush Orders**				100 %
114	10	72 Hour Turn Around Rush Orders**				75 %
TOTAL						\$

All unit pricing quoted should be based on standard (not to exceed two weeks) turn-around time.

* For Alternate test methods (and methods for which no MDL is listed), list your current method detection limit for each method

**During emergency situations samples may be requested on a quicker turn-around basis. Enter percent increas over standard turn-around time.

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 Resident Vendor Preference, if applicable.

1. **Application is made for 2.5% resident 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% resident 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% resident 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 an 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% resident 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% resident 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% resident 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.

Bidder understands if the Secretary of Revenue determines that a Bidder receiving preference has failed to continue to meet the requirements for such preference, the Secretary may order the Director of Purchasing to: (a) reject the bid; or (b) assess a penalty against such Bidder in an amount not to exceed 5% of the bid amount and that such penalty will be paid to the contracting agency or deducted from any unpaid balance on the contract or purchase order.

By submission of this certificate, Bidder agrees to disclose any reasonably requested information to the Purchasing Division and authorizes the Department of Revenue to disclose to the Director of Purchasing appropriate information verifying that Bidder has paid the required business taxes, provided that such information does not contain the amounts of taxes paid nor any other information deemed by the Tax Commissioner to be confidential.

Under penalty of law for false swearing (*West Virginia Code*, §61-5-3), Bidder hereby certifies that this certificate is true and accurate in all respects; and that if a contract is issued to Bidder and if anything contained within this certificate changes during the term of the contract, Bidder will notify the Purchasing Division in writing immediately.

Bidder: Analabs, Inc.

Signed: Annissa Reeger

Date: 1/30/2012

Title: Laboratory Director

RFQ No. DEP15729

STATE OF WEST VIRGINIA
Purchasing Division

PURCHASING AFFIDAVIT

West Virginia Code §5A-3-10a states: No contract or renewal of any contract may be awarded by the state or any of its political subdivisions to any vendor or prospective vendor when the vendor or prospective vendor or a related party to the vendor or prospective vendor is a debtor and the debt owed is an amount greater than one thousand dollars in the aggregate.

DEFINITIONS:

"Debt" means any assessment, premium, penalty, fine, tax or other amount of money owed to the state or any of its political subdivisions because of a judgment, fine, permit violation, license assessment, defaulted workers' compensation premium, penalty or other assessment presently delinquent or due and required to be paid to the state or any of its political subdivisions, including any interest or additional penalties accrued thereon.

"Debtor" means any individual, corporation, partnership, association, limited liability company or any other form or business association owing a debt to the state or any of its political subdivisions. "Political subdivision" means any county commission; municipality; county board of education; any instrumentality established by a county or municipality; any separate corporation or instrumentality established by one or more counties or municipalities, as permitted by law; or any public body charged by law with the performance of a government function or whose jurisdiction is coextensive with one or more counties or municipalities. "Related party" means a party, whether an individual, corporation, partnership, association, limited liability company or any other form or business association or other entity whatsoever, related to any vendor by blood, marriage, ownership or contract through which the party has a relationship of ownership or other interest with the vendor so that the party will actually or by effect receive or control a portion of the benefit, profit or other consideration from performance of a vendor contract with the party receiving an amount that meets or exceed five percent of the total contract amount.

EXCEPTION: The prohibition of this section does not apply where a vendor has contested any tax administered pursuant to chapter eleven of this code, workers' compensation premium, permit fee or environmental fee or assessment and the matter has not become final or where the vendor has entered into a payment plan or agreement and the vendor is not in default of any of the provisions of such plan or agreement.

Under penalty of law for false swearing (*West Virginia Code §61-5-3*), it is hereby certified that the vendor affirms and acknowledges the information in this affidavit and is in compliance with the requirements as stated.

WITNESS THE FOLLOWING SIGNATURE

Vendor's Name: Analabs, Inc.

Authorized Signature: Annisia Reiger Date: 1/30/2012

State of WV

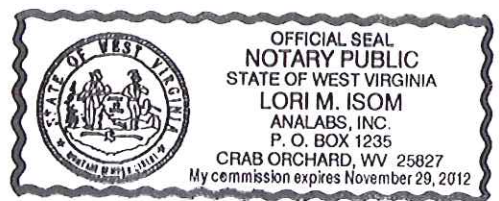
County of Raleigh, to-wit:

Taken, subscribed, and sworn to before me this 30 day of January, 2012.

My Commission expires November 29, 2012.

AFFIX SEAL HERE

NOTARY PUBLIC Lori M. Isom



West Virginia

Department of Environmental Protection

hereby certifies

Analabs, Incorporated

to perform analyses for the purpose of determining compliance with the requirements of the state's natural resources and environmental programs when required by an order issued by the agency or required by statute.

This certificate does not guarantee the validity of data generated, but indicates the methodology, equipment, quality control procedures, records, and proficiency of the laboratory have been examined and found to be acceptable.

This certificate is the property of the Department of Environmental Protection

042

Certificate number

Lail J. Laid

Quality Assurance Officer

February 17, 2006

Date Issued

Certificate originally granted 5/11/1993



Diana M. McLaughlin

Director

Attachment I

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

List of Certified Parameters
for

ANALABS, INCORPORATED
CRAB ORCHARD, WEST VIRGINIA

PARAMETERS CERTIFIED

NONPOTABLE WATER INORGANIC NONMETALS

<u>ANALYTE</u>	<u>METHOD</u>	<u>TECHNOLOGY</u>
Acidity, Hot, Total	SM20th2310 B(4a)	Titrimetric
Alkalinity	EPA310.2 Rev 2.2-1974	Colorimetric
Alkalinity	SM20th2320 B	Titrimetric
Ammonia	EPA350.1 Rev 2.0-1993	Distillation
Ammonia	EPA350.1 Rev 2.0-1993	Spectrophotometric
Chloride	SM20th4500-Cl-E	Colorimetric
Chlorine, Residual	HACH 8167	Spectrophotometric
Chromium, Hexavalent	SM20th3500-Cr B	Colorimetric
Cyanide, Total	EPA335.4 Rev 1.0-1993	Distillation
Cyanide, Total	EPA335.4 Rev 1.0-1993	Spectrophotometric
Fluoride	SM20th4500-F B	Distillation
Fluoride	SM20th4500-F C	ISE
Hardness, Total	SM20th2340 B	Calculation
Kjeldahl, Total Nitrogen, (TKN)	EPA351.2 Rev 2.0-1993	Digestion
Kjeldahl, Total Nitrogen, (TKN)	EPA351.2 Rev 2.0-1993	Distillation
Kjeldahl, Total Nitrogen, (TKN)	EPA351.2 Rev 2.0-1993	Spectrophotometric
Nitrate	EPA353.2 Rev 2.0-1993	Spectrophotometric
Nitrate-Nitrite	EPA353.2 Rev 2.0-1993	Calculation
Nitrite	EPA353.2 Rev 2.0-1993	Spectrophotometric
Oil & Grease	EPA1664 A	Gravimetric
Oxygen, Biochemical, (BOD)	SM20th5210 B	Probe
Oxygen, Chemical, (COD)	SM20th5220 D	Spectrophotometric
Oxygen, Dissolved	SM20th4500-O G	Probe
pH	SM20th4500-H B	Electrode
Phenolics, Total	Lachat 10-210-00-1-A	Spectrophotometric
Phosphorus, Ortho	EPA365.1 Rev 2.0-1993	Spectrophotometric
Phosphorus, Total	EPA365.1 Rev 2.0-1993	Spectrophotometric
Solids, Dissolved	SM20th2540 C	Gravimetric
Solids, Settleable	SM20th2540 F	Gravimetric
Solids, Suspended	SM20th2540 D	Gravimetric
Solids, Total	SM20th2540 B	Gravimetric
Specific Conductance	SM20th2510 B	Probe
Sulfate	EPA300.0 Rev 2.1-1993	IC

<u>ANALYTE</u>	<u>METHOD</u>	<u>TECHNOLOGY</u>
Surfactants, (MBAS)	SM20th5540 C	Spectrophotometric
Temperature	SM20th2550 B	Manual

NONPOTABLE WATER TRACE METALS

<u>METAL</u>	<u>METHOD</u>	<u>TECHNOLOGY</u>
Aluminum	EPA200.8 Rev 5.4-1994	ICP-MS
Antimony	EPA200.8 Rev 5.4-1994	ICP-MS
Arsenic	EPA200.8 Rev 5.4-1994	ICP-MS
Barium	EPA200.8 Rev 5.4-1994	ICP-MS
Beryllium	EPA200.8 Rev 5.4-1994	ICP-MS
Boron	EPA200.8 Rev 5.4-1994	ICP-MS
Cadmium	EPA200.8 Rev 5.4-1994	ICP-MS
Calcium	EPA200.8 Rev 5.4-1994	ICP-MS
Chromium	EPA200.8 Rev 5.4-1994	ICP-MS
Cobalt	EPA200.8 Rev 5.4-1994	ICP-MS
Copper	EPA200.8 Rev 5.4-1994	ICP-MS
Iron	EPA200.8 Rev 5.4-1994	ICP-MS
Lead	EPA200.8 Rev 5.4-1994	ICP-MS
Magnesium	EPA200.8 Rev 5.4-1994	ICP-MS
Manganese	EPA200.8 Rev 5.4-1994	ICP-MS
Mercury	EPA245.1 Rev 3.0-1994	CVAA
Molybdenum	EPA200.8 Rev 5.4-1994	ICP-MS
Nickel	EPA200.8 Rev 5.4-1994	ICP-MS
Potassium	EPA200.8 Rev 5.4-1994	ICP-MS
Selenium	EPA200.8 Rev 5.4-1994	ICP-MS
Silver	EPA200.8 Rev 5.4-1994	ICP-MS
Sodium	EPA200.8 Rev 5.4-1994	ICP-MS
Thallium	EPA200.8 Rev 5.4-1994	ICP-MS
Vanadium	EPA200.8 Rev 5.4-1994	ICP-MS
Zinc	EPA200.8 Rev 5.4-1994	ICP-MS
Metals, Dissolved	EPA200.8 Rev 5.4-1994	Digestion
Metals, Total	EPA200.8 Rev 5.4-1994	Digestion

NONPOTABLE WATER MICROBIOLOGY

<u>GROUP</u>	<u>METHOD</u>	<u>TECHNOLOGY</u>
Coliform, Fecal	SM20th9222 D	Membrane Filter

HAZARDOUS WASTE CHARACTERISTICS

<u>PROCEDURE</u>	<u>METHOD</u>	<u>TECHNOLOGY</u>
Paint Filter Test	SW9095B	Gravimetric
TCLP (Metals only)	SW1311	Extraction

SOLID AND CHEMICAL INORGANIC NONMETALS

<u>ANALYTE</u>	<u>METHOD</u>	<u>TECHNOLOGY</u>
Ammonia	SM20th4500 NH3-B	Distillation
Ammonia	SM20th4500 NH3-G	Spectrophotometric
Kjeldahl, Total Nitrogen, (TKN)	SM20th4500 Norg-C	Digestion
Kjeldahl, Total Nitrogen, (TKN)	SM20th4500 NH3-B	Distillation
Kjeldahl, Total Nitrogen, (TKN)	SM20th4500 NH3-G	Spectrophotometric
Nitrate	SM20th4500 NO3-F	Spectrophotometric
pH, Soil and Waste	SW9045 D	Electrode
Phosphorus	SM20th4500 P-B	Digestion
Phosphorus	SM20th4500 P-F	Spectrophotometric
Solids, Volatile (Sludges)	SM20th2540 G	Gravimetric

SOLID AND CHEMICAL TRACE METALS

<u>METAL</u>	<u>METHOD</u>	<u>TECHNOLOGY</u>
Aluminum	SW6020 A	ICP-MS
Antimony	SW6020 A	ICP-MS
Arsenic	SW6020 A	ICP-MS
Barium	SW6020 A	ICP-MS
Beryllium	SW6020 A	ICP-MS
Boron	SW6020 A	ICP-MS
Cadmium	SW6020 A	ICP-MS
Calcium	SW6020 A	ICP-MS
Chromium	SW6020 A	ICP-MS
Cobalt	SW6020 A	ICP-MS
Iron	SW6020 A	ICP-MS
Lead	SW6020 A	ICP-MS
Magnesium	SW6020 A	ICP-MS
Manganese	SW6020 A	ICP-MS
Mercury	SW7471 B	CVAA
Molybdenum	SW6020 A	ICP-MS
Nickel	SW6020 A	ICP-MS
Potassium	SW6020 A	ICP-MS
Selenium	SW6020 A	ICP-MS
Silver	SW6020 A	ICP-MS
Sodium	SW6020 A	ICP-MS
Thallium	SW6020 A	ICP-MS
Vanadium	SW6020 A	ICP-MS
Zinc	SW6020 A	ICP-MS
Metals, Dissolved	SW3050B	Digestion
Metals, Total	SW3050B	Digestion

SOLID AND CHEMICAL MICROBIOLOGY

GROUP
Fecal Coliform

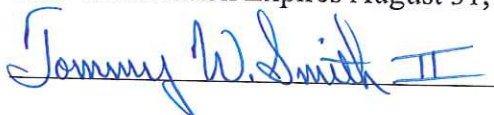
METHOD
SM20th9222D

TECHNOLOGY
Membrane Filter

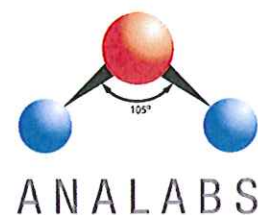
This laboratory may test **ONLY** for those environmental parameters listed above for compliance reporting purposes. All testing must be by the test method cited in the current application for certification.

This Certification Expires August 31, 2012.

Certificate No 042

 Issued on June 27, 2011

Tommy W. Smith II
Quality Assurance Officer



Annissa J. Reiger
Laboratory Director

EDUCATION AND TRAINING

- B. A. in Biology, Berea College, Berea, KY. May 1991
- Acid Mine Drainage Seminar, University of Kentucky, Lexington, KY, June 1992
- WV Rural Water Association Symposium, Canaan Valley, WV, 1993, 1994, 1996
- Bacteriological Training, WV Department of Health and Human Resources, Office of Laboratory Services, Charleston, WV, September 1993
- EPA Conference on the Analysis of Pollutants in the Environment, Norfolk, VA, 1995
- EPA and American Chemical Society Conference, Washington, D. C., 1996
- FPIA Abused Drug Screening, Abbott Laboratories, Dallas, TX, 1998
- Responding to RFPs, Small Business Administration, Flatwoods, WV, 1998
- On-Site Drug Screening Analysis, MedTox Laboratories, 2000
- Breath Alcohol Testing Using Alco-Sensor IV/RBT IV Breathalyzer, Intoximeters, Inc., 1999
- Advanced Training for Inductively Coupled Plasma-Mass Spectrometer (ICP-MS), Perkin-Elmer Corporation, Atlanta, GA, 2003

TECHNICAL EXPERIENCE

Laboratory Director **Analabs, Inc.** **February 2000 to Present**
Guides the direction of the laboratory through the expansion of various departments. Develops new methods and techniques for use in the laboratory environment. Actively trains technicians in good laboratory practice and analytical processes.

Laboratory Supervisor **Analabs, Inc.** **June 1993 to February 2000**
Oversees activities of laboratory personnel. Inventories and orders lab supplies; authorizes equipment repair. Trains incoming employees in correct and safe laboratory procedures. Consults with clients who have technical questions or concerns.

Analyst **Analabs, Inc.** **June 1991 to June 1993**
Performs general lab procedures and wet chemistry using EPA accepted methods. Operates laboratory equipment, including an Atomic Absorption Spectrophotometer, a Flow-Injection Ion Analyzer, and a Gas Chromatograph. Proficient in the microbiological examination of drinking and wastewater.

Charles K. Thompson
P. O. Box 1235
Crab Orchard, WV 25827
304-255-4821
cthompson@analabsinc.com

EDUCATION

- B.S. Mathematics, W.V. Institute of Technology, Montgomery, WV, 1966
- B.S. Chemistry W.V. Institute of Technology, Montgomery, WV, 1970
- W.V. State Police Academy, Dunbar, WV, 1972
- W.V. College of Graduate Studies, Beckley, WV, courses toward M.B.A., 1982

SPECIALIZED TRAINING

- 1972 - Bureau of Narcotics and Dangerous Drugs Forensic Chemist School, Washington, DC
- 1972 - Atomic Absorption Spectrophotometry Seminar, Cincinnati, OH
- 1973 - Fluorescence Spectrophotometry Seminar, Norwalk, CT
- 1974 - Supervisor's Chemical Test Program, Indiana University, Bloomington, IN
- 1975 - X-Ray Fluorescence Spectrometry Course, Sunnyvale, CA
- 1976 - Instrumental Analysis, FBI National Academy, Quantico, VA
- 1979 - A Short Course in Coal Preparation, West Virginia University, Morgantown, WV
- 1990 - EPA Drinking Water Symposium, Charleston, WV
- 1991 - Acid Mine Drainage Seminar, University of Kentucky
- 1992 - Chemistry of Contaminants in Soil/Water Systems, University of Kentucky
- 1992 - 40-Hour OSHA HAZMAT Training
- 1992 - 8-Hour HAZMAT Supervisor Training
- 1994 - Class 1-D Water Plant Operator, Clarksburg, WV
- 1995 - EPA Conference on Analysis of Pollutants in the Environment, Norfolk, VA
- 1996 - Perkin-Elmer AA and ICP Seminar, Charleston, WV
- 1999-Intoximeter Breath Alcohol Supervisor Training, Harrisonburg, VA
- 2001- Mold Remediation Course, University of Cincinnati, Cincinnati, OH
- 2001- AEGIS Microbe Shield Certified Applicator Course, Midland, MI
- 2002- BECO Mold Seminar, Columbus, OH
- 2002- IAQA Conference, Chicago, IL
- 2002- IAQA Certified Indoor Environmentalist Course, Fort Lauderdale, FL
- 2004- AeroTech Laboratories Mold Seminar, Raleigh, NC

PROFESSIONAL HISTORY

Owner, Analabs, Inc., 1987 – Present. - Supervises design and operation of laboratory and

laboratory personnel. Implements training program for personnel in correct EPA procedures of laboratory analysis. Performs analysis on hazardous waste materials.

Co-Owner, Precision Testing Laboratory, Beckley, WV, 1984 – 1991. – Supervised design and operation of laboratory and laboratory personnel and coal analysis. Implemented training program for personnel in correct procedures of laboratory analysis. Preparation plant technical advisor.

Quality Control Supervisor, National Mines Corporation, Pineville, WV, 1979 - 1990 Regulated quality and blend of clean coal product. Monitored quality of raw coal received from contract mine operations. Supervised quality of magnetite purchased and perform checks on preparation plant cleaning circuits. Administered environmental control and direct construction of refuse impoundment. Supervised operation of coal and water laboratory, weigh station and laboratory personnel. Evaluated analysis of coal (moisture, ash, sulfur, volatile matter, FSI, BTU, ash fusion, fluidity, grindability, washability) and water (pH, iron, manganese, dissolved solids, suspended solids, specific conductance, alkalinity, acidity, chloride, sulfate, aluminum). Preparation Plant technical advisor.

Consultant, Appalachian Laboratories, Beckley, WV, March 1985 - Dec. 1986. Supervised all aspects of water analysis.

Consultant, Aren and Associates, Inc., Beckley, WV, Feb. 1984 - Feb. 1985. Technical Consultant for water analysis.

Prep Plant Production Foreman, National Mines Corporation, Pineville, WV, 1978 – 1979. Supervised all aspects of coal preparation and eighteen hourly employees.

Preparation Plant Engineer, National Mines Corporation, Pineville, WV, 1977 - 1978 Initiated and supervised all technical problem solving projects.

Chemist, National Mines Corporation, Pineville, WV, 1976 – 1977. Performed coal and water analysis.

Forensic Chemist, West Virginia State Police, Charleston, WV, 1971 – 1976. Performed drug analysis, toxicological analysis and examined arson evidence. Expert witness for the State of West Virginia on over 200 different occasions. Instructor, State Police Academy.

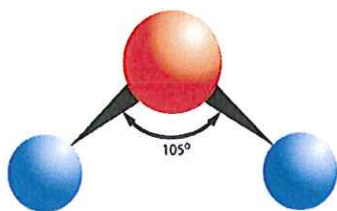
CERTIFICATIONS

- Certified Troxler Nuclear Density Gauge Operator

- Certified Preparation Plant and Surface Electrician
- Certified to Inspect and Teach Re-Certification on Coal Refuse and Impoundment Inspection
- State and Nationally Certified Emergency Medical Technician
- Certified Breath Alcohol Trainer
- Certified D. O. T. Urine Collector
- Certified AEGIS Microbe Shield Applicator
- Certified Indoor Environmentalist

PROFESSIONAL ORGANIZATIONS

- Member American Society for Testing and Materials (ASTM)
- Member American Chemical Society
- Member American Water Works Association
- Member Association of Official Analytical Chemists
- Member Water Environment Federation
- Member West Virginia Rural Water Association
- Member American Industrial Hygiene Association
- Member of American Indoor Air Quality Association



ANALABS, INC.

www.analabsinc.com

196 Dayton St.
Crab Orchard, WV 25827
(304) 255-4821
Fax (304) 255-2410

4926 MacCorkle Ave., SE
Charleston, WV 25304
(304) 720-3461
Fax (304) 720-3463

Kelli L Harrison
Vice President

EDUCATION AND TRAINING

- B. A. in Chemistry, West Virginia University, Morgantown, WV, May 1995
- Restek's Capillary Chromatography Seminar, Pittsburgh, PA, 1995
- Restek's Environmental Methods Seminar, Pittsburgh, PA, 1995
- EPA and American Chemical Society Conference, Washington, D. C., 1996
- Breath Alcohol Testing Training Using Alco-Sensor IV/RBT IV Breathalyzer, Intoximeters, Inc., 1999
- On-Site Drug Screening Analysis, MedTox Laboratories, 2000
- DATIA Certified Professional Collector Trainer Class, Washington, D.C., 2006
- DATIA NAADATP Program Management Course, Washington, D.C., 2006
- Pittcon's NELAC short course, Chicago, IL, 2009

PROFESSIONAL EXPERIENCE

Analyst

Analabs, Inc.

May 1995 to 2001

As an analyst I performed general lab procedures and wet chemistry using EPA accepted methods. I operated varying laboratory equipment, including an Atomic Absorption Spectrophotometer, a Flow-Injection Ion Analyzer, and a Gas Chromatograph. Immediately after joining the lab, I started a new GC department ordering the needed equipment and doing the method development as well as achieving certification for the desired parameters.

Certified Collector and Trainer

Analabs, Inc.

2001 to Present

Analabs has become the leader in the drug testing industry. Providing customers with an all inclusive service beginning with policy development, employee training, onsite or collection facility collections and consultations with end reporting. I along with a highly trained staff provide these services to over 1000 people each month.

Vice President**Analabs, Inc.****2003 to Present**

As vice president, I oversee all aspects of the business including human resources, customer relations, services and new business development. My current main focus is the integrity and growth of Analabs. By developing a marketing strategy and increasing Analabs' level of technical capability and customer service, we are now experiencing a growth of more than 33% annually, even during a recession.

COMMUNITY SERVICE

- Upward Basketball Commissioner, Crab Orchard Baptist Church, 2005
- Upward Basketball Coach, Crab Orchard Baptist Church, 2006 – 2009
- Toddler/Kindergarten Church Coordinator, Crab Orchard Baptist Church, 2004 – Present
- Volunteer and Gold Sponsor of the Annual Charlie Williamson Memorial Triathlon
- Financial Supporter of many local youth sports programs and various other charitable organizations
- Career Day Volunteer, Beckley Elementary, 2009
- Member of Friends of Coal Ladies Auxiliary
- Member of Friends of Coal

Katie Marie Cole

Objective To gain sufficient employment utilizing my knowledge and skills to the best of my ability

Experience January 2000-Present Analabs Inc Crab Orchard, WV

Lab Manager

- Meet with WVDEP, WVDHHR, and NELAC for inspection of the lab
- Oversee general management of laboratory and lab employees
- Review lab analysis and QC
- Provide consultation to clients
- Notify clients of non-compliant samples
- Assist in developing new methodologies (initial training, updating and writing SOPs, etc.)
- Oversee general maintenance of laboratory equipment.

January 2000-January 2005 Analabs Inc Crab Orchard, WV

Assistant Lab Supervisor

- Review lab analysis and QC
- Provide consultation to clients
- Notify clients of non-compliant samples
- Assist in developing new methodologies (initial training, updating and writing SOPs, etc.)
- Oversee general maintenance of laboratory equipment.

Education 1996-1999 College of West Virginia Beckley, WV

- Bachelors Degree in Ecology

1995-1996 Bridgewater College Bridgewater, VA

1995 Summers Co. High School Hinton, WV

Certifications West Virginia University/National Fire Academy-Managing Company Tactical Operations/Leadership III/Incident Command System/Incident Safety Officer/HAZMAT/ Hazardous Materials Operations

Firefighter-Certificate

Jamie M Wills
94 Holcomb Street, Glen Jean, WV 25846
3044693479
jwills@analabsinc.com

OBJECTIVE

Establish quantifiable standards to improve the professionalism of the laboratory.

EMPLOYMENT HISTORY

Metal Supervisor Jan 2009-current
Analabs INC., Crab Orchard, WV

- Manage and supervise the entire metals department.
- Complete knowledge of all methods for all analyses run in the metals section.
- Coordinate work flow and maintain deadline schedules.
- Main method developer and problem solver for both ICP-mass spectrometers.
- Extensive knowledge of quality control protocols.
- Maintain Standard Operating Procedures manual for the metals section.
- Certified to run drinking water analyzes. As well as NPDES, soil and sludge samples.
- Order parts and supplies for the section.
- Email results to clients.
- Train all new employees for the metals section.
- Also required to know various chemical and microbiological methods throughout the laboratory.
- Proficient with the use of PowerPoint, Excel, Word, Access, and various software for analyzing data.
- Improved proficiency and quality of work for metals section.

Laboratory Technician Jan 2008-Jan 2009
Analabs INC., Crab Orchard, WV

- Trained to run and maintain the ICP-MS.
- Ran analytical data and reported results.
- Trained in pipette technique and quality control requirements.
- Established filing system for section.
- Organized section to be more proficient.

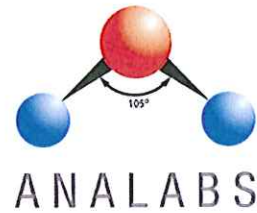
EDUCATION

Bachelors of science in Biology Dec 2007
Achieved degree while working 40 hours a week and doing volunteer work for the Dunloup Creek Watershed.

Name: Catherine Romage

Position: Lab Technician

**Years with
Company:** 23 years



EDUCATION AND TRAINING

- B.S., Biology, Glenville State College, Glenville, WV – 1985
- A.S., Forest Technology, Glenville State College, Glenville, WV – 1980
- EPA Drinking Water Symposium, Charleston, WV - 1990
- Acid Mine Drainage Seminar - University of Kentucky – 1991
- Perkin-Elmer HGA Training, Norwalk, CT – 1991
- Bacteriological Training, West Virginia Department of Health, Charleston, WV - 1993
- Perkin-Elmer AA and ICP Seminar, Charleston - 1996
- Lachat FIA & IC Training

TECHNICAL EXPERIENCE

Analyst - Analabs, Inc., 1989 - Present. Performs general lab procedures and wet chemistry using EPA accepted methods. Operates laboratory equipment, including a Perkin Elmer 2100 Atomic Absorption Spectrophotometer, a Lachat flow-injection ion analyzer with ion chromatography. Proficient in the microbiological examination of drinking and wastewater.

Jillian M. Holliday

P.O. Box 2044, Beaver, WV 25813 • (304) 890-2970

Objective

Provide knowledge, professionalism and dedication to the workplace. Eager to start a career that showcases my talents and ambitions.

Work History

WV Division Of Highways, Lewisburg, WV *December 2004 - October 2006*

Transportation Realty Agent

- Relocate and reimburse business and homeowners affected by highway projects.
- Negotiate with property owners to acquire property for bridge projects.
- Gather information and fill out appropriate forms to abandon state roads.
- Courthouse research.
- Look up right of way to determine road width for inquiring surveyors and property owners.

WV Division Of Highways, Lewisburg, WV *February 2004 - July 2004*

Temporary Office Assistant

- Filing, answer phones, write letters, and prepare documents, and data entry.
- Log in daily time of employees in the department.

Education

Mountain State University, Beckley, WV (1999 – 2003)

B.S., Environmental Studies

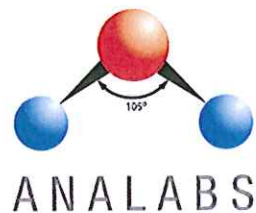
References

Don Beals	WV Division of Highways	(304) 647-7450
Teresa Boggs	WV Division of Highways	(304) 647-7450
Robin Helmick	WV Division of Highways	(304) 647-7450
Cathy James	MCNB Banks	(304) 253-5050

Name: Allyson Kirby

Position: Lab Technician

**Years with
Company:** <1 year



EDUCATION AND TRAINING

- B.S., Biology with Minor in Chemistry, Virginia Polytechnic Institute and State University, Blacksburg, VA – 2010

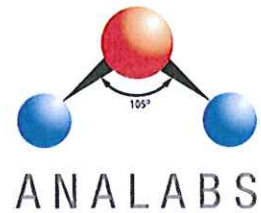
TECHNICAL EXPERIENCE

Lab Technician - Analabs, Inc., 2011 - Present. Trained to run and maintain the ICP-MS. Run analytical data and report results. Proficient in digesting different phases of samples for the detection of metals. Able to perform calculations based on method requirements. Proficient in many EPA methodologies.

Name: Nick Lukkarila

Position: Lab Technician

***Years with
Company:*** <1 year(s)



EDUCATION AND TRAINING

- B.S., Forensic Investigations, Mountain State University, Beckley, WV – 2011
- A.A.S., Forensic Science Technology, Central Ohio Technical College, Newark, OH – 2006

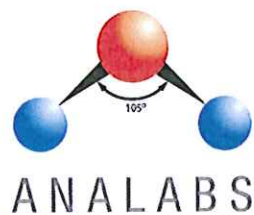
TECHNICAL EXPERIENCE

Analyst - Analabs, Inc., November 2011 - Present. Perform digestions for different phases of samples for the detection of metals. Able to process total suspended solids and total dissolved solids proficiently. Proficient in the use of balance equipment. Knowledge of EPA methodologies and Standard Methods.

Name: Ashley Fleshman

Position: Lab Technician

**Years with
Company:** 2 months



EDUCATION AND TRAINING

- B.S., Biology, West Virginia University, Morgantown, WV-2010

TECHNICAL EXPERIENCE

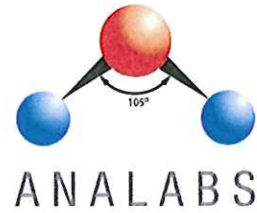
Analyst - Analabs, Inc., November 2011 - Present.

- Analyze total suspended solids and total dissolved solids using a gravimetric pump
- Organize and sort samples
- Date entry using HORIZON LIMS, Aspen, LIMS, and Microsoft Office Excel
- Maintenance and calibration of balance

Name: Rebekah Mills

Position: Lab Technician

**Years with
Company:** 1 Month



EDUCATION AND TRAINING

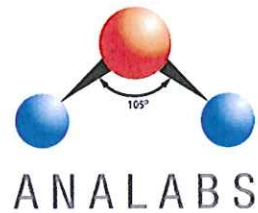
- B.S., Marine Science, Coastal Carolina University 2001
-
- **TECHNICAL EXPERIENCE**

Analyst - Analabs, Inc., Dec. 2011 - Present. Microbiological examination of drinking water using Colilert-18. Microbiological examination of wastewater using MFC Auger. Analysis of BOD using a dissolved oxygen meter. Analysis of COD using DR/890 Colorimeter. Checking surfactants while using a spec 20. Also analyzing turbidity of samples using a direct reading turbidimeter. Digesting wastewater samples to check for fluoride using an ion analyzer. Also check for fluoride in drinking water samples using the ion analyzer. Sterilizing lab equipment and dilution water for lab use using a Brinkman 3850 autoclave. Daily calibration of pH meter.

Name: Donica Shaw

Position: Lab Technician

**Years with
Company:** 3 months



EDUCATION AND TRAINING

- B.S., Biology, WVUIT, Montgomery, WV – 2001
- Safety Training: Hazardous Waste (RCRA); Principles and Practices of Biosafety; Chemical Waste Management; Environmental, Health, and Safety; Chemical Hygiene; Emergency Response and Recovery Plan (ERRP); Emergency Preparedness and Management System; PPE Program; Preparation and Disposal of Biohazard Material; Shipping Infectious Substances per DOT Regulations
- Microbiological ID training; Wake Tech, Raleigh, NC
- Gram Staining techniques class; Wake Tech, Raleigh, NC
- Good Laboratory Practices (GLP), Good Manufacturing Practices (GMP), International Standards Organization (ISO), Code of Federal Regulations (CFR), Six Sigma
- Expert on-the-job trainer (EOJT)
- Trained on the maintenance and use of the following equipment: LasairII Particulate Counter, Isolator, Spectrophotometers, Autoclaves, Pipets, Balances, pH meters, Conductivity meters, Gram Stainer, Autoclaves, Microbial Air Samplers, Lyophilizers, TOC analyzers
- Trained on the following procedures: Purity testing, LAL, Bioburden, Sterility, Biological Indicators, Environmental Monitoring, WFI/Clean Steam collection, pH, Conductivity, TOC

TECHNICAL EXPERIENCE

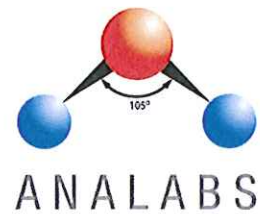
Laboratory Technician - Analabs, Inc., October 10, 2011 - Present.

- Perform acid digestion of specific metals, trace metals, and minerals using regular and filtered samples
- Prepare standards and spikes using metals, trace metals, and minerals
- Perform Mercury digestion
- Perform total suspended solid and total dissolved solid testing
- Maintenance and daily calibration of balance
- Organize and sort samples
- Data entry using Horizon LIMS, Aspen LIMS, and Excel

Name: Laurie Rodriguez

Position: Lab Technician

***Years with
Company:*** 7 months



EDUCATION AND TRAINING

- B.S., Natural Resource Management, Glenville State College, Glenville, WV – 2009

TECHNICAL EXPERIENCE

Analyst - Analabs, Inc., Performs general lab procedures and wet chemistry using EPA accepted methods. Determines solid concentrations by gravimetric pump method. Operates laboratory equipment, including a Lachat flow-injection ion analyzer with ion chromatography, spec 20 and digital turbidimeter. Determines oil concentration by hexane extraction. Analysis of biochemical oxygen demand using dissolved oxygen meter.